Toxics Release Inventory (TRI)
State File Documentation for RY 2003

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1.0 Overview

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

File	Example	Description of Contents	Form R or A Reference
Type 1	NY_1_2003_v031.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	NY_2A_2003_v031.txt	Detailed Source Reduction and Recycling Activities	Part I (sections 1,2,4,5), Part II (sec. 1, 8.1 – 8.10)
Type 2B	NY_2B_2003_v031.txt	Detailed Waste Management	Part I (sections 1,2,4,5) Part II (sections.1, 7.A)
Type 3A	NY_3A_2003_v031.txt	Details of Transfers Off-Site	Part I (sections, 1,4,5) Part II (section 6.2)
Type 3B	NY_3B_2003_v031.txt	Details of Transfers to Publicly Owned Treatment Works (POTW)	Part I (sections 1,4,5) Part II (section 6.1)
Type 4	NY_4_2003_v031.txt	Facility Information Directory	Part I (sections 1,3,4,5)

The state 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 “NY_1_2003_v031.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 New York (NY) for reporting year 2003. The version number is “v031”. The “v03” signifies that the file was created with Reporting Year 2003 data. The final character, “1”, indicates that this is the first interation of the file created from the RY 2003 data. Periodically, throughout the year, the RY 2003 data may be updated. As a result, new State Data Files may be generated. The final character references which version of the RY 2003 data was used to create the file.

Similarly, the file “NY_2a_2003_v031.txt” contains Reporting Year 2003 Detailed Source Reduction Activities and Methods data for the state of New York. It was created with Reporting Year 2003 data. It was the first version or generation of data from this reporting year.

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_2003_v031.txt, FED_2A_2003_v031.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 a specific year. The national data files are named US_1_2003_v031.txt, US_2A_2003_v031.txt, etc.

Many definitions relating to the State Data files refer to the TRI Form R and Certification Statement (Form A). These are the forms that facilities use to submit data to the TRI program. The document "Reporting Forms and Instructions for Reporting Year 2003" contains the actual forms and the complete instructions for filling them out. The "Reporting Forms and Instructions" document can be found on the TRI Website at http://www.epa.gov/tri/ , specifically on Reporting Materials and Guidance page at http://www.epa.gov/tri/report/index.htm#forms. Complete lists of values for several of the data fields in the State Data Files can be found in the "Reporting Forms and Instructions" document.

1.1 Detailed Description: File Type 1

The "Type 1" file contains the bulk of the data that can be found on a Form R. It is the most used and requested file of the State 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 will contain 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	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

Note: Table entries that appear with a gray background indicate new or changed RY 2003 data elements.

1.2 Detailed Description: File Type 2A

The "Type 2A" file contains 3 general data sections. First it contains almost all of the Facility Identification data that can be found in Part I of a 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 solicits Facilities to provide 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	2.1	Trade Secret Indicator
I	4	Facility Identification Information
I	5	Parent Company Information
II	1	Chemical Identification Data
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

Note: Table entries that appear with a gray background indicate new or changed RY 2003 data elements.

1.3 Detailed Description: File Type 2B

File Type 2A 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	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 state data files, it lists the basic Facility and Chemical identification information from Part I and Part II, section 1. 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	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

Note: Table entries that appear with a gray background indicate new or changed RY 2003 data elements.

1.5 Detailed Description: File Type 3B

File type 3B contains information about chemical transfers to Publicly Owned Treatment Works (POTWs). Like all the state 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 2 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	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, in a specific state, that have ever reported to TRI. The file lists the last reporting year the Facility submitted an 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 is 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 consist and up to date.

Some of the data that appears in this file is 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 is the result of the reconcilation 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

2.0 Noted Changes from the Previous Year's (RY 2002) State Data Files

For RY 2003, four changes were made to the reporting Form R. As a result, the State Data File record formats have been altered accordingly. The four changes that occurred to the Form R in RY 2003 are as follows:

1. In Part II, Section 5.5.3 – Surface Impoundments has been divided into 5.5.3A – RCRA Subtitle C Surface Impoundments and 5.5.3B – Other Surface Impoundments

2. Part II, Section 8.1 - Total Releases has been divided into 4 sections:

   8.1a - Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills

   8.1b - Total other on-site disposal or other releases

   8.1c - Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills

   8.1d - Total other off-site disposal or other release

3. The M-codes used in Column C of Section 6.2 of the Form R have been updated. M63 (Surface Impoundment) was retired and replaced by M codes M66 (RCRA Subtitle 3 Surface Impoundment) and M67 (Other Surface Impoundments). M71 (Underground Injection) was retired and replaced by M codes M81 (Underground Injection to Class I Wells) and M82 (Underground Injection to Class II-V Wells).

4. The U codes used in Section 7B of the Form R have been updated. Code U09 – Other Energy Recovery Methods, has been retired. This code is not applicable since the only energy recovery methods are combustion in a kiln, boiler or industrial furnace. Combustion units other than kilns, boilers and industrial furnaces are used for treatment of the toxic chemicals (except from metals and metal compounds).

The following subsections decribe the updates that were made to the State Data File format in response to the changes that occurred in the Form R in RY 2003.

2.1 Part II, Section 5.5.3, On-site Surface Impoundments, divided into two subsections.

Files Affected: File Type 1.

In RY 2002, Part II, Section 5.5.3 of the Form R allowed facilities to enter data representing On-site Surface Impoundments. This year, RY 2003, section 5.5.3 has been divided into two

subsections representing specific categories of on-site surface impoundments, those being 5.5.3a "RCRA Subtitle C surface impoundments" and 5.5.3b "Other surface impoundments".

This change to the Form R will result in changes to File Type 1. Beinging on page 58, eight new fields have been added to the end of State Data file Type 1 to reflect the new data elements. The fields are as follows:

Field Num.	Field Name
210	RCRA Subtitle C Surface Impoundment – Release Pounds
211	RCRA Subtitle C Surface Impoundment – Range Code
212	Total RCRA Subtitle C Surface Impoundment
213	RCRA Subtitle C Surface Impoundment – Basis of Estimate
214	Other Surface Impoundment – Release Pounds
215	Other Surface Impoundment – Range Code
216	Total Other Surface Impoundment
217	Other Surface Impoundment – Basis of Estimate

The existing fields representing 5.5.3 data prior to RY 2003, fields 151 through 154 of file 1, will remain in the file. However, if the new 5.5.3a and 5.5.3b data elements are reported, the value of the old 5.5.3 fields will represent the summation of the 5.5.3a and 5.5.3b data. In doing so, these fields can continue be used in comparisons with prior year(s) 5.5.3 data. The new data elemnents will predominantly appear in Report Year 2003 and after. However, if facilities use RY 2003 reporting tools (forms and software reporting programs) to submit data prior to RY 2003, these new data fields (5.5.3a and 5.5.3b) may appear in reporting years prior to RY 2003.

The new fields and the definition changes to the existing fields appear with gray background shading in the succeeding record layouts (see section 4.0). All new or altered fields in RY 2003 appear with this background. This is done so that the user can easily pickout the new or altered fields in the RY 2003 files.

The new fields for sections 5.5.3a and 5.5.3b have been added to the end of the File Type 1. This was done to reduce the amount of reporgraming for applications that were setup to use the RY 2002 State Data Files as input. This is a departure from the traditional way these files were updated. However, adding the fields to the end of the files should save users time and effort.

Field 159 contains the Total for On-site Land Releases. Since the total of the 5.5.3a and 5.5.3b will be summarized into the old 5.5.3 field (153), the On-site Land Releases Total will not be affected.

2.2 Part II, Section 8.1, Quantity Released, subdivided into four subsections

Files Affected: File Type 2a.

In RY 2002, Part II, Section 8.1 of the Form R allowed facilities to report the total amount of (non remedial) releases of a chemical. In RY 2003, section 8.1 has been divided into four subsections representing specific categories of total (non-remedial) releases. Those subsections are:

8.1a "Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills"

8.1b "Total other on-site disposal or other releases"

8.1c "Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills"

8.1d "Total other off-site disposal or other releases"

This "breakout" of the Section 8.1 includes prior, current, following and second following year quanitities.

Beinging on page 82, 16 new fields have been added to the end of State Data file 2a to reflect the new data elements. The fields are as follows:

Field Num.	Field Name
116	On-site Limited Releases Prior Year
117	On-site Limited Releases Current Year
118	On-site Limited Releases Following Year
119	On-site Limited Releases Second Following Year
120	On-site Other Releases Prior Year
121	On-site Other Releases Current Year
122	On-site Other Releases Following Year
123	On-site Other Releases Second Following Year
124	Off-site Limited Releases Prior Year
125	Off-site Limited Releases Current Year
126	Off-site Limited Releases Following Year
127	Off-site Limited Releases Second Following Year
128	Off-site Other Releases Prior Year
129	Off-site Other Releases Current Year
130	Off-site Other Releases Following Year
131	Off-site Other Releases Second Following Year

The existing fields representing 8.1 data prior to RY 2003, fields 54 through 57 of file 2a, will remain in the file. However, after RY 2002, the value of these fields will represent the summation of 8.1a + 8.1b + 8.1c + 8.1d for each column (prior, current, following and second following year). In doing so, these fields can continue be used in comparisons with prior year(s) section 8.1 data.

The new fields and the definition changes to the existing fields appear with gray background shading in the succeeding record layouts (see section 4.0). All new or altered fields in RY 2003 appear with this background. This is done so that the user can easily pickout the new or altered fields in the RY 2003 files.

The new fields for sections 8.1a, 8.1b, 8.1c and 8.1d (for prior, current, following and second following years) have been added to the end of File Type 2a. This was done to reduce the amount of reporgraming for applications that were setup to use the RY 2002 State Data Files as input. This is a departure from the traditional way these files were updated. However, adding the fields to the end of the files should save users time and effort.

2.3 Part II, section 6.2, New, (more specific) M-codes replace existing codes

Files Affected: File Type 1 and 3a.

Changes to File Type 1:

Section 6.2 of the Form R allows facilities to enter data representing transfers to other (non-POTW) off-site locations. In this section, M codes are used in subsection C to represent the type of off-site transfer.

In past years, the disposal code M63 represented "Surface Impoundment". In reporting year 2003, M63 was retired (not to be used in future reporting years) and replaced with two new M codes that define this type of disposal into more detail. The two new M codes are M66 (RCRA Subtitle C Surface Impoundments) and M67 (Other Surface Impoundments).

In a similar action, the disposal code M71 (Underground Injection) was retired and replaced with M81 (Underground Injection to Class I Wells) and M82 (Underground Injection to Class II-V Wells). These two new M-codes breakdown the off-site underground injections releases into more detailed categories.

The introduction of these new M codes will cause four new fields to be added to file Type 1. Those fields are as follows:

Field Num.	Field Name
218	RCRA Subtitle C Surface Impoundments (M66)
219	Other Surface Impoundments (M67)

220	Underground Injection to Class I Wells (M81)
221	Underground Injection to Class II-V Wells (M82)

The new fields can easily be identified in section 4.1. Each appears with a gray background like this... gray background. See page 60 for the definitions and placement of the four new fields. For the purpose of representing off-site disposals in reporting years prior to RY 2002, the old fields M63 (field number 168) and M71 (field number 166) will still exist in file Type 1.

The new fields have been added to the end of File Type 1. This was done to reduce the amount of reprograming in applications that were already setup to use the RY 2002 State Data Files as input. This is a departure from the traditional way these files were updated. However, adding the fields to the end of the files should save users time and effort.

One other field that serves as summation or total has also changed. Field number 176, "TOTAL TRANSFERRED OFF-SITE TO DISPOSAL", is the summation of off-site disposal quantities. Because of new M code fields, the equation that calculates this total has changed. The new equation is highlighted in gray in the file Type 1 record layout. See page 52..

Changes to File Type 3a:

Similar to File 1, 16 new M-codes (M66, M67, M81 and M82) were also added to File 3a to represent the new and more detailed fields . The new fields and their position within the file are as follows:

Field Num.	Field Name
172	XFERS Off-site RCRA Subtitle C Surface Impoundment Pounds M66
173	RCRA Subtitle C Surface Impoundment Range Code M66
174	RCRA Subtitle C Surface Impoundment Total Amount M66
175	Basis of Estimate M66
176	XFERS Off-site Other Surface Impoundment Pounds M67
177	Other Surface Impoundment Range Code M67
178	Other Surface Impoundment Total Amount M67
179	Basis of Estimate M67
180	XFERS Off-site Underground Inj. Class I Wells Pounds M81
181	Underground Inj. Class I Wells Range Code M81
182	Underground Inj. Class I Wells Total Amount M81
183	Basis of Estimate M81
184	XFERS Off-site Underground Inj. Class II-V Wells Pounds M82
185	Underground Inj. Class II-V Wells Range Code M82

186 Underground Inj. Class II-V Wells Total Amount M82
187 Basis of Estimate M82

The new fields begin on page 153. They are easily identified by their gray background.

The retired M-codes, M63 and M71 (and their associated fields) will still remain in this file to facilitate the displaying of data prior to reporting year 2003.

The calculation of the field "TOTAL AMOUNT TRANSFERRED OFF-SITE FOR DISPOSAL" contains the new M-Codes. See field 116 of File 3a on page 138 for the new equation. The new equation appears in a gray background signifying the change.

2.4 Part II, section 7B, U09 retired

In Section 7B of the Form R, 'U' codes are used to describe the type of Energy Recovery Methods a facility may employ. In RY 2003, the code U09, "Other Energy Recovery Methods", has been retired. This will have no effect stuctural effect on the State Data Files. There is no specific data field for U09. Instead, U codes are listed in the order that they appear on the form starting in field 196 of File Type 1. Again, the retirement of U09 will have no effect on the structure of any of the state data files.

2.5 Version number of the State Data Files has changed

As mentioned above, the version number in the names of the state data files has been expanded. An additional character has been added signifying the interation or version of the file. As an example, a version number of 031 means the file was produced using RY 2003 data and that it is the first iteration of the file using RY 2003 data. Periodically, throughout the year, the RY 2003 data may be updated. As a result, new State Data Files may be generated. The final character references which version of the RY 2003 data was used to create the file.

2.6 New Fields added to the END of the files

As mentioned above, any new fields being added to the State Data Files will be inserted at the end of the existing file layout. This was done to reduce the amount of reprograming in applications that were already setup to use the RY 2002 State Data Files as input. This is a departure from the traditional way these files were updated. However, adding the fields to the end of the files should save users time and effort.

2.7 Foot notes at the bottom of page

In section 4.0, the name of the data file (i.e. File Type 1) being defined will appear at the bottom of each page. This should make it easier for users to navigate through this large document.

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	206
File 2A	*	P2		*	*	*												*	115
File 2B	*	P2		*	*	*													113
File 3A	*			*	*	*							*	*					159
File 3B	*			*	*	*					*	*							66
File 4	*		*	*	*														42

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

Part & Section Definitions

Part	Section	Definition
I	1	Reporting Year
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) State Data Files. The codes and definitions used in the following record descriptions are listed in the *Toxic Chemical Release Inventory Reporting Forms and Instructions* booklet.

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 five files are delimited by Tabs (a TAB character 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
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

Num.	Field Name	Type	Description
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 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 zzzzz-nnnnn-sssss where usually zzzzz = facility zip code, nnnnn = first five consonants of the name, and sssss = first five non-special characters in the street address. **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
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

Num.	Field Name	Type	Description
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
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

Num.	Field Name	Type	Description
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 *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
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

Num.	Field Name	Type	Description
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	LATITUDE	N	Reported latitude of the reporting facility **converted into decimal degrees** (Format: signed 2 digit whole number, 6 digit decimal positions +nn.nnnnnn). *Source:* **TRI_FACILITY.**FAC_LATITUDE *Reference:* Part I, Section 4.6
35	LONGITUDE	N	Reported longitude of the reporting facility **converted into decimal degrees.** (Format: signed 3 digit whole number, 6 digit decimal positions +nnn.nnnnnn). *Source:* **TRI_FACILITY.**LONGITUDE *Reference:* Part I, Section 4.6
36	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
37	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
38	RCRA NR A	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. *Source:* **TRI_FACILITY_RCRA.**RCRA_NUM *Reference:* Part I, Section 4.8a
39	RCRA NR B	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. *Source:* **TRI_FACILITY_RCRA.**RCRA_NUM *Reference:* Part I, Section 4.8b
40	NPDES NR A	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source:* **TRI_FACILITY_NPDES.**NPDES_NUM *Reference:* Part I, Section 4.9a
41	NPDES NR B	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source:* **TRI_FACILITY_NPDES.**NPDES_NUM *Reference:* Part I, Section 4.9b
42	UIC NR A	C	Underground injection identification number, assigned by EPA or the state, to a facility. *Source:* **TRI_FACILITY_UIC.**UIC_NUM *Reference:* Part I, Section 4.10a
43	UIC NR B	C	Underground injection identification number, assigned by EPA or the state, to a facility. If the facility has more than one UIC number, the second number is dislayed here. *Source:* **TRI_FACILITY_UIC.**UIC_NUM *Reference:* Part I, Section 4.10b
44	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
45	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

Num.	Field Name	Type	Description
46	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)
47	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
48	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
49	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

Num.	Field Name	Type	Description
50	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
51	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
52	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
53	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
54	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
55	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
56	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
57	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
58	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
59	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
60	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
61	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
62	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
63	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
64	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
65	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
66	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
67	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
68	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
69	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
70	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
71	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
72	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
73	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
74	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
75	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 retardents, and rheological modifiers. Yes = formulation component No = not formulation component *Source:* **TRI_CHEM_ACTIVITY.**FORMULATION_ COMPONENT *Reference:* Part II, Section 3.2b
76	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
77	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
78	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
79	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
80	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
81	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
82	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
83	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
84	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
85	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
86	FUGITIVE OR NON-POINT AIR EMISSIONS - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated: M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.1.B
87	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
88	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
89	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

Num.	Field Name	Type	Description
90	STACK OR POINT AIR EMISSIONS - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.2.B
91	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
92	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
93	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
94	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

Num.	Field Name	Type	Description
95	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
96	DISCHARGES TO STREAM A - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.3.1.B
97	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
98	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

Num.	Field Name	Type	Description
99	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
100	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
101	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
102	DISCHARGES TO STREAM B - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.3.2.B

Num.	Field Name	Type	Description
103	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
104	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
105	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
106	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
107	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
108	DISCHARGES TO STREAM C - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.3.3.B
109	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
110	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)
111	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)
112	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)

Num.	Field Name	Type	Description
113	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
114	DISCHARGES TO STREAM D - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.3 (continued)
115	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)
116	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)
117	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)

Num.	Field Name	Type	Description
118	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)
119	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
120	DISCHARGES TO STREAM E - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.3 (continued)
121	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)
122	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)

Num.	Field Name	Type	Description
123	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)
124	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)
125	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
126	DISCHARGES TO STREAM F - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.3 (continued)

Num.	Field Name	Type	Description
127	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)
128	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
129	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
130	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
131	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
132	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
133	UGRND INJ ONSITE TO CL I WELLS - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.4.1B
134	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
135	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

Num.	Field Name	Type	Description
136	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
137	UNGRND INJ ONSITE TO CL II-V WELLS - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.4.2B
138	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
139	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

Num.	Field Name	Type	Description
140	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
141	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
142	RCRA SUBTITLE C LANDFILLS - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.5.1.AB
143	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

Num.	Field Name	Type	Description
144	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
145	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
146	OTHER LANDFILLS - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.5.1.BB
147	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
148	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
149	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
150	LAND TRTMT/APPL FARMING - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.5.2.BB

Num.	Field Name	Type	Description
151	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 quanitites or range codes in 5.5.3a "RCRA C Subtitle C surface impount 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
152	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 quanitites or range codes in 5.5.3a "RCRA C Subtitle C surface impount 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
153	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 quanitites or range codes in 5.5.3a "RCRA C Subtitle C surface impount 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
154	SURFACE IMPOUNDMENT - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other If the facility reported release quanitites or range codes in 5.5.3a "RCRA C Subtitle C surface impount 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
155	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

Num.	Field Name	Type	Description
156	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
157	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
158	OTHER DISPOSAL - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.5.4.BB
159	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
160	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

Num.	Field Name	Type	Description
161	POTWS - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.1.A.2
162	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
163	SOLIDIFICATION/STABILIZATION (METALS AND METAL COMPOUNDS)	N	Total amount, in pounds, of metals and metal compounds reported as "solidification/stabilization" M Code (**M41**). *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
164	WASTEWATER TREATMENT (EXCLUDING POTWS)	N	Total amount, in pounds, reported as "wastewater treatment" M Code (**M62**). *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
165	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

Num.	Field Name	Type	Description
166	UNDERGROUND INJECTION	N	Total amount, in pounds, reported as "underground injection" M Code (**M71**). *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
167	LANDFILLS/DISPOSAL SURFACE IMPOUNDMENTS	N	Total amount, in pounds, reported as "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
168	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
169	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
170	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

Num.	Field Name	Type	Description
171	LAND TREATMENT	N	Total amount, in pounds, reported as "land treatment" M Code (**M73**). *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
172	OTHER LAND DISPOSAL	N	Total amount, in pounds, reported as "other land disposal" M Code (**M79**). *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
173	OTHER OFF-SITE MANAGEMENT	N	Total amount, in pounds, reported as "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
174	TRANSFERS TO WASTE BROKER FOR DISPOSAL	N	Total amount, in pounds, reported as "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
175	UNKNOWN	N	Total amount, in pounds, reported as "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
176	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+218+219+220+221) *Source:* System Generated **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2
177	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
178	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
179	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
180	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
181	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
182	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
183	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
184	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
185	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

Num.	Field Name	Type	Description
186	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
187	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
188	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
189	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
190	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

Num.	Field Name	Type	Description
191	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
192	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
193	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
194	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
195	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
196	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

Num.	Field Name	Type	Description
197	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
198	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
199	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
200	ON-SITE RECYCLING PROCESSES - METHOD 1	C	The first code identifying recycling processes used on-site. *Source:* **TRI_RECYCLING_PROCESS.** ONSITE_RECYCLING_PROC_CODE *Reference:* Part II, Section 7C.1
201	ON-SITE RECYCLING PROCESSES - METHOD 2	C	The second code identifying recycling processes used on-site. *Source:* **TRI_RECYCLING_PROCESS.** ONSITE_RECYCLING_PROC_CODE *Reference:* Part II, Section 7C.2
202	ON-SITE RECYCLING PROCESSES - METHOD 3	C	The third code identifying recycling processes used on-site. *Source:* **TRI_RECYCLING_PROCESS.** ONSITE_RECYCLING_PROC_CODE *Reference:* Part II, Section 7C.3

Num.	Field Name	Type	Description
203	ON-SITE RECYCLING PROCESSES - METHOD 4	C	The fourth code identifying recycling processes used on-site. *Source:* **TRI_RECYCLING_PROCESS.** ONSITE_RECYCLING_PROC_CODE *Reference:* Part II, Section 7C.4
204	ON-SITE RECYCLING PROCESSES - METHOD 5	C	The fifth code identifying recycling processes used on-site. *Source:* **TRI_RECYCLING_PROCESS.** ONSITE_RECYCLING_PROC_CODE *Reference:* Part II, Section 7C.5
205	ON-SITE RECYCLING PROCESSES - METHOD 6	C	The sixth code identifying recycling processes used on-site. *Source:* **TRI_RECYCLING_PROCESS.** ONSITE_RECYCLING_PROC_CODE *Reference:* Part II, Section 7C.6
206	ON-SITE RECYCLING PROCESSES - METHOD 7	C	The seventh code identifying recycling processes used on-site. *Source:* **TRI_RECYCLING_PROCESS.** ONSITE_RECYCLING_PROC_CODE *Reference:* Part II, Section 7C.7
207	ON-SITE RECYCLING PROCESSES - METHOD 8	C	The eighth code identifying recycling processes used on-site. *Source:* **TRI_RECYCLING_PROCESS.** ONSITE_RECYCLING_PROC_CODE *Reference:* Part II, Section 7C.8
208	ON-SITE RECYCLING PROCESSES - METHOD 9	C	The ninth code identifying recycling processes used on-site. *Source:* **TRI_RECYCLING_PROCESS.** ONSITE_RECYCLING_PROC_CODE *Reference:* Part II, Section 7C.9
209	ON-SITE RECYCLING PROCESSES - METHOD 10	C	The tenth code identifying recycling processes used on-site. *Source:* **TRI_RECYCLING_PROCESS.** ONSITE_RECYCLING_PROC_CODE *Reference:* Part II, Section 7C.10

Num.	Field Name	Type	Description
210	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
211	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
212	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
213	RCRA C SURFACE IMPOUNDMENT - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.5.3a col. B

Num.	Field Name	Type	Description
214	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
215	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
216	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
217	OTHER SURFACE IMPOUNDMENT - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.5.3b col. B

Num.	Field Name	Type	Description
218	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
219	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
220	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
221	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

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 zzzzz-nnnnn-sssss where usually zzzzz = facility zip code, nnnnn = first five consonants of the name, and sssss = first five non-special characters in the street address. 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 *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	LATITUDE	N	Reported latitude of the reporting facility converted into decimal degrees (Format: signed 2 digit whole number, 6 digit decimal positions +nn.nnnnnn). *Source*: **TRI_FACILITY**.FAC_LATITUDE *Reference*: Part I, Section 4.6

Num.	Field Name	Type	Description
21	LONGITUDE	N	Reported longitude of the reporting facility converted into decimal degrees. (Format: signed 3 digit whole number, 6 digit decimal positions +nnn.nnnnnn). *Source*: **TRI_FACILITY**.FAC_LONGITUDE *Reference*: Part I, Section 4.6
22	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
23	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
24	RCRA NR A	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. *Source*: **TRI_FACILITY_RCRA**.RCRA_NUM *Reference*: Part I, Section 4.8a
25	RCRA NR B	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. *Source*: : **TRI_FACILITY_RCRA**.RCRA_NUM *Reference*: Part I, Section 4.8b
26	NPDES NR A	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source*: **TRI_FACILITY_NPDES**.NPDES_NUM *Reference*: Part I, Section 4.9a
27	NPDES NR B	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source*: **TRI_FACILITY_NPDES**.NPDES_NUM *Reference*: Part I, Section 4.9b

Num.	Field Name	Type	Description
28	UIC NR A	C	Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class 1 deep wells. *Source*: **TRI_FACILITY_UIC**.UIC_NUM *Reference*: Part I, Section 4.10a
29	UIC NR B	C	Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class 1 deep wells. *Source*: **TRI_FACILITY_UIC**.UIC_NUM *Reference*: Part I, Section 4.10b
30	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
31	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
32	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
33	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
34	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
35	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
36	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
37	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
38	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
39	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
40	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
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	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
49	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
50	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
51	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
52	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
53	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
54	QUANTITY RELEASED PRIOR YEAR	N	Amount reported in pounds of total quantity of toxic chemical released (including offsite disposal) during previous year. *Source*: **TRI_SOURCE_REDUCT_QTY**. REL_PREV_YR_QTY CURRENT_YEAR *Reference*: Part II, Section 8.1B
55	QUANTITY RELEASED CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical released (including offsite disposal) during reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** REL_CURR_YR_QTY CURRENT_YEAR *Reference*: Part II, Section 8.1B
56	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. *Source*: **TRI_SOURCE_REDUCT_QTY.** REL_FOLL_YR_QTY *Reference*: Part II, Section 8.1C
57	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. *Source*: **TRI_SOURCE_REDUCT_QTY.** REL_SECD_YR_QTY *Reference*: Part II, Section 8.1D

Num.	Field Name	Type	Description
58	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
59	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
60	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
61	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
62	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
63	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

Num.	Field Name	Type	Description
64	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
65	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
66	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
67	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
68	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
69	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

Num.	Field Name	Type	Description
70	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
71	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
72	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
73	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
74	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
75	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

Num.	Field Name	Type	Description
76	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
77	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
78	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
79	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
80	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
81	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

Num.	Field Name	Type	Description
82	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
83	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
84	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
85	FIRST *SOURCE* REDUCTION ACTIVITY DESCRIPTION	C	Description of the preceding *Source* reduction activity code. *Source*: **TRI_CODE_DESC**.DESCRIPTION *Reference*: Part II, Section 8.10.1
86	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

Num.	Field Name	Type	Description
87	FIRST *SOURCE* REDUCTION METHOD - CODE 1 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Reference*: Part II, Section 8.10.1a
88	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
89	FIRST *SOURCE* REDUCTION METHOD - CODE 2 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Reference*: Part II, Section 8.10.1b
90	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
91	FIRST *SOURCE* REDUCTION METHOD - CODE 3 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Reference*: Part II, Section 8.10.1c
92	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

Num.	Field Name	Type	Description
93	SECOND *SOURCE* REDUCTION ACTIVITY DESCRIPTION	C	Description of the preceding *Source* reduction activity code. *Source*: **TRI_CODE_DESC**.DESCRIPTION *Reference*: Part II, Section 8.10.2
94	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
95	SECOND *SOURCE* REDUCTION METHOD - CODE 1 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Reference*: Part II, Section 8.10.2.a
96	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
97	SECOND *SOURCE* REDUCTION METHOD - CODE 2 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Reference*: Part II, Section 8.10.2b
98	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

Num.	Field Name	Type	Description
99	SECOND *SOURCE* REDUCTION METHOD - CODE 3 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Reference*: Part II, Section 8.10.2.c
100	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
101	THIRD *SOURCE* REDUCTION ACTIVITY DESCRIPTION	C	Description of the preceding *Source* reduction activity code. *Source*: **TRI_CODE_DESC**.DESCRIPTION *Reference*: Part II, Section 8.10.3
102	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
103	THIRD *SOURCE* REDUCTION METHOD - CODE 1 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Reference*: Part II, Section 8.10.3a
104	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

Num.	Field Name	Type	Description
105	THIRD *SOURCE* REDUCTION METHOD - CODE 2 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Reference*: Part II, Section 8.10.3b
106	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
107	THIRD *SOURCE* REDUCTION METHOD - CODE 3 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Reference*: Part II, Section 8.10.3c
108	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
109	FOURTH *SOURCE* REDUCTION ACTIVITY DESCRIPTION	C	Description of the preceding *Source* reduction activity code. *Source*: **TRI_CODE_DESC**.DESCRIPTION *Reference*: Part II, Section 8.10.4
110	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

Num.	Field Name	Type	Description
111	FOURTH *SOURCE* REDUCTION METHOD - CODE 1 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Reference*: Part II, Section 8.10.4a
112	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
113	FOURTH *SOURCE* REDUCTION METHOD - CODE 2 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Reference* Part II, Section 8.10.4b
114	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
115	FOURTH *SOURCE* REDUCTION METHOD - CODE 3 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Reference*: Part II, Section 8.10.4c
116	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.

Num.	Field Name	Type	Description
117	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.
118	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.
119	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.
120	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.
121	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.

Num.	Field Name	Type	Description
122	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.
123	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.
124	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.
125	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.
126	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.

Num.	Field Name	Type	Description
127	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.
128	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.
129	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.
130	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
131	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.

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 zzzzz-nnnnn-sssss where usually zzzzz = facility zip code, nnnnn = first five consonants of the name, and sssss = first five non-special characters in the street address. 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
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 *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	LATITUDE	N	Reported latitude of the reporting facility converted into decimal degrees (Format: signed 2 digit whole number, 6 digit decimal positions +nn.nnnnnn). *Source***:** **TRI_FACILITY**.FAC_LATITUDE *Reference*: Part I, Section 4.6
21	LONGITUDE	N	Reported longitude of the reporting facility converted into decimal degrees. (Format: signed 3 digit whole number, 6 digit decimal positions +nnn.nnnnnn). *Source*: **TRI_FACILITY**.FAC_LONGITUDE *Reference*: Part I, Section 4.6
22	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
23	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

24	RCRA NR A	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. *Source*: **TRI_FACILITY_RCRA**.RCRA_NUM *Reference*: Part I, Section 4.8a
25	RCRA NR B	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. *Source*: : **TRI_FACILITY_RCRA**.RCRA_NUM *Reference*: Part I, Section 4.8b
26	NPDES NR A	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source*: **TRI_FACILITY_NPDES**.NPDES_NUM *Reference*: Part I, Section 4.9a
27	NPDES NR B	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source*: **TRI_FACILITY_NPDES**.NPDES_NUM *Reference*: Part I, Section 4.9b
28	UIC NR A	C	Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class 1 deep wells. *Source*: **TRI_FACILITY_UIC**.UIC_NUM *Reference*: Part I, Section 4.10a
29	UIC NR B	C	Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class 1 deep wells. *Source*: **TRI_FACILITY_UIC**.UIC_NUM *Reference*: Part I, Section 4.10b
30	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
31	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

32	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)
33	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
34	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
35	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

36	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
37	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
38	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
39	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
40	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

41	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
42	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
43	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
44	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
45	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

46	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
47	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
48	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
49	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
50	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

51	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
52	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
53	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
54	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

55	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.1b
56	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.1b
57	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.1b
58	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.1b
59	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.1b

60	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.1b
61	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.1b
62	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.1b
63	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. *Source*: **TRI_ONSITE_WASTESTREAM**. INFLUENT_CONC_RANGE *Reference*: Part II, Section 7A.1c
64	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 wastestream being treated. *Source*: **TRI_ONSITE_WASTESTREAM**. TREATMENT_EFFICIENCY_EST *Reference*: Part II, Section 7A.1.d

65	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". *Source*: **TRI_ONSITE_WASTESTREAM**. OPERATING_DATA_IND *Reference*: Part II, Section 7A.1.e
66	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
67	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.2b
68	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.2b
69	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. *Source*: V_TREATMENT.TREATMENT_ CODE *Reference*: Part II, Section 7A.2b

70	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.2b
71	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.2b
72	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.2b
73	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.2b
74	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.2b

75	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. *Source*: **TRI_ONSITE_WASTESTREAM**. INFLUENT_CONC_RANGE *Reference*: Part II, Section 7A.2c
76	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 wastestream being treated. *Source*: **TRI_ONSITE_WASTESTREAM**. TREATMENT_EFFICIENCY_EST *Reference*: Part II, Section 7A.2.d
77	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". *Source*: **TRI_ONSITE_WASTESTREAM**. OPERATING_DATA_IND *Reference*: Part II, Section 7A.2.e
78	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
79	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.3b

80	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.3b
81	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.3b
82	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.3b
83	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.3b
84	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.3b

85	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.3b
86	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.3b
87	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. *Source*: **TRI_ONSITE_WASTESTREAM**. INFLUENT_CONC_RANGE *Reference*: Part II, Section 7A.3c
88	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 wastestream being treated. *Source*: **TRI_ONSITE_WASTESTREAM**. TREATMENT_EFFICIENCY_EST *Reference*: Part II, Section 7A.3.d
89	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”. *Source*: **TRI_ONSITE_WASTESTREAM**. OPERATING_DATA_IND *Reference*: Part II, Section 7A.3.e

90	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
91	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.4.b
92	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.4.b
93	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.4.b

94	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.4.b
95	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.4.b
96	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.4.b
97	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.4.b
98	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.4.b

99	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. *Source*: **TRI_ONSITE_WASTESTREAM**. INFLUENT_CONC_RANGE *Reference*: Part II, Section 7A.4.c
100	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 wastestream being treated. *Source*: **TRI_ONSITE_WASTESTREAM**. TREATMENT_EFFICIENCY_EST *Reference*: Part II, Section 7A.4.d
101	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". *Source*: **TRI_ONSITE_WASTESTREAM**. OPERATING_DATA_IND *Reference*: Part II, Section 7A.4.e
102	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
103	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.5.b

104	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.5.b
105	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.5.b
106	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.5.b
107	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.5.b
108	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.5.b

109	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.5.b
110	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. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.5.b
111	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. *Source*: **TRI_ONSITE_WASTESTREAM**. INFLUENT_CONC_RANGE *Reference*: Part II, Section 7A.5.c
112	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 wastestream being treated. *Source*: **TRI_ONSITE_WASTESTREAM**. TREATMENT_EFFICIENCY_EST *Reference*: Part II, Section 7A.5.d
113	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”. *Source*: **TRI_ONSITE_WASTESTREAM**. OPERATING_DATA_IND *Reference*: Part II, Section 7A.5.e

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

Num.	Field Name	Type	Description
1	TRIFID	C	Facility identification in the format zzzzz-nnnnn-sssss where usually zzzzz = facility zip code, nnnnn = first five consonants of the name, and sssss = first five non-special characters in the street address. **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	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
5	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
6	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
7	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

Num.	Field Name	Type	Description
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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

Num.	Field Name	Type	Description
16	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
17	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
18	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
19	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

Num.	Field Name	Type	Description
20	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
21	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
22	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
23	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
24	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
25	FACILITY NAME	C	Name of the reporting facility. *Source:* **TRI_FACILITY.** FACILITY_NAME *Reference:* Part I, Section 4.1
26	FACILITY STREET	C	Street address of the reporting facility. *Source:* **TRI_FACILITY.**STREET_ADDRESS *Reference:* Part I, Section 4.1
27	FACILITY CITY	C	City in which the reporting facility is located. *Source:* **TRI_FACILITY.**CITY_NAME *Reference:* Part I, Section 4.1
28	FACILITY COUNTY	C	County in which the reporting facility is located. *Source:* **TRI_FACILITY.**COUNT_NAME *Reference:* Part I, Section 4.1
29	FACILITY STATE	C	Two-letter state code of the reporting facility. *Source:* **TRI_FACILITY.**STATE_ABBR *Reference:* Part I, Section 4.1
30	FACILITY ZIP CODE	C	ZIP code of the reporting facility. *Source:* **TRI_FACILITY.** ZIP_CODE *Reference:* Part I, Section 4.1
31	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
32	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
33	FEDERAL FACILITY IND	C	Code indicating whether a facility is Federal or not. Yes = Federal No = non-Federal or GOCO *Source:* **TRI_REPORTING_FORM.**FEDERAL_FAC_IND *Form R:* Part I Section 4.2c
34	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
35	PRIMARY SIC CODE	C	Primary four-digit Standard Industrial Classification (SIC) Code. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5a
36	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
37	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
38	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
39	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
40	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
41	LATITUDE	N	Reported latitude of the reporting facility **converted into decimal degrees** (Format: signed 2 digit whole number, 6 digit decimal positions +nn.nnnnnn). *Source:* **TRI_FACILITY.**FAC_LATITUDE *Reference:* Part I, Section 4.6
42	LONGITUDE	N	Reported longitude of the reporting facility **converted into decimal degrees.** (Format: signed 3 digit whole number, 6 digit decimal positions +nnn.nnnnnn). *Source:* **TRI_FACILITY.**FAC_LONGITUDE *Reference:* Part I, Section 4.6
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

Num.	Field Name	Type	Description
45	RCRA NR A	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. *Source:* **TRI_FACILITY_RCRA**.RCRA_NUM *Reference:* Part I, Section 4.8a
46	RCRA NR B	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. *Source:* **TRI_FACILITY_RCRA**.RCRA_NUM *Reference:* Part I, Section 4.8b
47	NPDES NR A	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source:* **TRI_FACILITY_NPDES.**NPDES_NUM *Reference:* Part I, Section 4.9a
48	NPDES NR B	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source:* **TRI_FACILITY_NPDES.**NPDES_NUM *Reference:* Part I, Section 4.9b
49	UIC NR A	C	Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class I wells. *Source:* **TRI_FACILITY_UIC.**UIC_NUM *Reference:* Part I, Section 4.10a
50	UIC NR B	C	Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class II to V wells. *Source:* **TRI_FACILITY_UIC.**UIC_NUM *Reference:* Part I, Section 4.10b

Num.	Field Name	Type	Description
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	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
54	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)
55	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
56	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

Num.	Field Name	Type	Description
57	OFF-SITE CITY	C	The city in which the off-site transfer or disposal site is located. *Source:* **TRI_OFF_SITE_TRANSFER_LOCATION.** CITY_NAME *Reference:* Part II, Section 6.2
58	OFF-SITE COUNTY	C	The county in which the off-site treatment or disposal site is located. *Source:* **TRI_OFF_SITE_TRANSFER_LOCATION.** COUNTY_NAME *Reference:* Part II, Section 6.2
59	OFF-SITE STATE	C	The two-letter state abbreviation of the off-site treatment or disposal site. *Source:* **TRI_OFF_SITE_TRANSFER_LOCATION.** STATE_ABBR *Reference:* Part II, Section 6.2
60	OFF-SITE PROVINCE	C	Province of the reporting facility's mailing address. *Source:* **TRI_OFF_SITE_TRANSFER_LOCATION.**PROVINCE *Reference:* Part I, Section 4.1
61	OFF-SITE ZIPCODE	C	The zip code used in the address of an off-site treatment or disposal site. *Source:* **TRI_OFF_SITE_TRANSFER_LOCATION.** ZIP_CODE *Reference:* Part II, Section 6.2
62	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_LOCATION.**COUNTRY_ CODE *Reference:* Part II, Section 6.2

Num.	Field Name	Type	Description
63	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 "yes" or "no". *Source:* **TRI_OFF_SITE_TRANSFER_LOCATIO N.** CONTROLLED_LOC *Reference:* Part II, Section 6.2
64	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
65	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
66	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)

Num.	Field Name	Type	Description
67	BASIS OF ESTIMATE M10	C	Code indicating the principal method by which the total storage estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
68	XFERS OFF-SITE POUNDS - SOLIDIFICATION/STABILIZATION (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
69	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

Num.	Field Name	Type	Description
70	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)
71	BASIS OF ESTIMATE M41	C	Code indicating the principal method by which the total solidification/stabilization (metals) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.**TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
72	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

Num.	Field Name	Type	Description
73	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
74	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)
75	BASIS OF ESTIMATE M62	C	Code indicating the principal method by which the total wastewater treatment (metals) (M62) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B

Num.	Field Name	Type	Description
76	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
77	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
78	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)

Num.	Field Name	Type	Description
79	BASIS OF ESTIMATE M71	C	Code indicating the principal method by which the total underground injection (M71) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
80	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
81	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

Num.	Field Name	Type	Description
82	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)
83	BASIS OF ESTIMATE M72	C	Code indicating the principal method by which the total landfill/disposal surface impoundment ponds (M72) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
84	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

Num.	Field Name	Type	Description
85	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
86	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)
87	BASIS OF ESTIMATE M63	C	Code indicating the principal method by which the total surface impoundment (M63) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B

Num.	Field Name	Type	Description
88	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
89	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
90	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)

Num.	Field Name	Type	Description
91	BASIS OF ESTIMATE M64	C	Code indicating the principal method by which the total other landfill (M64) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
92	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
93	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

Num.	Field Name	Type	Description
94	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)
95	BASIS OF ESTIMATE M65	C	Code indicating the principal method by which the transfers to RCRA subtitle C landfills (M65) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
96	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

Num.	Field Name	Type	Description
97	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
98	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)
99	BASIS OF ESTIMATE M73	C	Code indicating the principal method by which the total land treatment (M73) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B

Num.	Field Name	Type	Description
100	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
101	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
102	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)
103	BASIS OF ESTIMATE M79	C	Code indicating the principal method by which the total other land disposal (M79) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B

Num.	Field Name	Type	Description
104	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
105	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
106	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)
107	BASIS OF ESTIMATE M90	C	Code indicating the principal method by which the total other off-site management (M90) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B

Num.	Field Name	Type	Description
108	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
109	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
110	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)
111	BASIS OF ESTIMATE M94	C	Code indicating the principal method by which the total waste broker disposal (M94) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B

Num.	Field Name	Type	Description
112	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
113	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
114	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)
115	BASIS OF ESTIMATE M99	C	Code indicating the principal method by which the unknown processing (M99) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B

Num.	Field Name	Type	Description
116	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
117	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
118	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
119	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
120	BASIS OF ESTIMATE M40	C	Code indicating the principal method by which the total off-site solidification/stabilization (M40) is measured. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
121	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
122	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
123	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)

Num.	Field Name	Type	Description
124	BASIS OF ESTIMATE M50	C	Code indicating the principal method by which the off-site incineration/thermal treatment (M50) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
125	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
126	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
127	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)

Num.	Field Name	Type	Description
128	BASIS OF ESTIMATE M54	C	Code indicating the principal method by which the transported off-site for incineration/ insignificant fuel value (M54) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
129	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
130	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

Num.	Field Name	Type	Description
131	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)
132	BASIS OF ESTIMATE M61	C	Code indicating the principal method by which the total wastewater treatment (excluding POTW) (M61) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
133	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

Num.	Field Name	Type	Description
134	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
135	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)
136	BASIS OF ESTIMATE M69	C	Code indicating the principal method by which the total other off-site waste treatment (M69) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
137	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
138	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
139	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)
140	BASIS OF ESTIMATE M95	C	Code indicating the principal method by which the total waste broker disposal (M94) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
141	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

Num.	Field Name	Type	Description
142	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
143	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
144	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)
145	BASIS OF ESTIMATE M56	C	Code indicating the principal method by which the amount sent off-site for energy recovery (M56) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B

Num.	Field Name	Type	Description
146	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
147	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
148	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)
149	BASIS OF ESTIMATE M92	C	Code indicating the principal method by which the amount sent to a waste broker for energy recovery (M92) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B

Num.	Field Name	Type	Description
150	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
151	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
152	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
153	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)

Num.	Field Name	Type	Description
154	BASIS OF ESTIMATE M20	C	Code indicating the principal method by which the amount sent off-site for solvents/ organics recovery (M20) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
155	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
156	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
157	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
158	BASIS OF ESTIMATE M24	C	Code indicating the principal method by which the amount sent off-site for metals recovery (M24) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
159	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
160	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
161	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)

Num.	Field Name	Type	Description
162	BASIS OF ESTIMATE M26	C	Code indicating the principal method by which the amount sent off-site for other reuse or recovery (M26) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
163	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
164	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
165	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)

Num.	Field Name	Type	Description
166	BASIS OF ESTIMATE M28	C	Code indicating the principal method by which the amount sent off-site for acid regeneration (M28) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
167	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
168	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
169	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
170	BASIS OF ESTIMATE M93	C	Code indicating the principal method by which the amount transferred to a waste broker for recycling (M93) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
171	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
172	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
173	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

Num.	Field Name	Type	Description
174	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)
175	BASIS OF ESTIMATE M66	C	Code indicating the principal method by which the total RCRA Subtitle C surface impoundment (M66) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
176	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

Num.	Field Name	Type	Description
177	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
178	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)
179	BASIS OF ESTIMATE M67	C	Code indicating the principal method by which the total Other surface impoundment (M67) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B

Num.	Field Name	Type	Description
180	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
181	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
182	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
183	BASIS OF ESTIMATE M81	C	Code indicating the principal method by which the total underground injection into class I wells (M81) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
184	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
185	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
186	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)
187	BASIS OF ESTIMATE M82	C	Code indicating the principal method by which the total underground injection into class II-V wells (M82) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B

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

Num.	Field Name	Type	Description
1	TRIFID	C	Facility identification in the format zzzzz-nnnnn-sssss where usually zzzzz = facility zip code, nnnnn = first five consonants of the name, and sssss = first five non-special characters in the street address. **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	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
5	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
6	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
7	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

Num.	Field Name	Type	Description
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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

Num.	Field Name	Type	Description
16	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
17	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
18	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
19	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

Num.	Field Name	Type	Description
20	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
21	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
22	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
23	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
24	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
25	FACILITY NAME	C	Name of the reporting facility. *Source:* **TRI_FACILITY.**FACILITY_NAME *Reference:* Part I, Section 4.1
26	FACILITY STREET	C	Street address of the reporting facility. *Source:* **TRI_FACILITY.**STREET_ADDRESS *Reference:* Part I, Section 4.1
27	FACILITY CITY	C	City in which the reporting facility is located. *Source:* **TRI_FACILITY.**CITY_NAME *Reference:* Part I, Section 4.1
28	FACILITY COUNTY	C	County in which the reporting facility is located. *Source:* **TRI_FACILITY.**COUNTY_NAME *Reference:* Part I, Section 4.1
29	FACILITY STATE	C	Two-letter state code of the reporting facility. *Source:* **TRI_FACILITY.** STATE_ABBR *Reference:* Part I, Section 4.1
30	FACILITY ZIP CODE	C	ZIP code of the reporting facility. *Source:* **TRI_FACILITY.**ZIP_CODE *Reference:* Part I, Section 4.1
31	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
32	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
33	FEDERAL FACILITY IND	C	Code indicating whether a facility is Federal or not. Yes = Federal No = non-Federal or GOCO *Source:* **TRI_REPORTING_FORM.**FEDERAL_FAC_IND *Form R:* Part I Section 4.2c
34	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
35	PRIMARY SIC CODE	C	Primary four-digit Standard Industrial Classification (SIC) Code. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5a
36	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
37	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
38	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
39	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
40	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
41	LATITUDE	N	Reported latitude of the reporting facility **converted into decimal degrees** (Format: signed 2 digit whole number, 6 digit decimal positions +nn.nnnnnn). *Source:* **TRI_FACILITY.**FAC_LATITUDE *Reference:* Part I, Section 4.6
42	LONGITUDE	N	Reported longitude of the reporting facility **converted into decimal degrees.** (Format: signed 3 digit whole number, 6 digit decimal positions +nnn.nnnnnn). *Source:* **TRI_FACILITY.**FAC_LONGITUDE *Reference:* Part I, Section 4.6
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

Num.	Field Name	Type	Description
45	RCRA NR A	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. *Source:* **TRI_FACILITY_RCRA.**RCRA_NUM *Reference:* Part I, Section 4.8a
46	RCRA NR B	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. *Source:* **TRI_FACILITY_RCRA.**RCRA_NUM *Reference:* Part I, Section 4.8b
47	NPDES NR A	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source:* **TRI_FACILITY_NPDES.**NPDES_NUM *Reference:* Part I, Section 4.9a
48	NPDES NR B	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source:* **TRI_FACILITY_NPDES.**NPDES_NUM *Reference:* Part I, Section 4.9b
49	UIC NR A	C	Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class 1 wells. *Source:* **TRI_FACILITY_UIC.**UIC_NUM *Reference:* Part I, Section 4.10a
50	UIC NR B	C	Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class II to V wells. *Source:* **TRI_FACILITY_UIC.**UIC_NUM *Reference:* Part I, Section 4.10b

Num.	Field Name	Type	Description
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	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
54	BASIS OF ESTIMATE FOR POTWS		Code indicating the principal method by which the amount of wastewater transferred to all POTWs estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.**TRANSFER_BASI S_ EST_CODE *Reference:* Part II, Section 6.1.A.2
55	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

Num.	Field Name	Type	Description
56	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
57	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
58	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
59	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
60	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
61	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
62	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

Num.	Field Name	Type	Description
63	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
64	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
65	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
66	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

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 zzzzz-nnnnn-sssss where usually zzzzz = facility zip code, nnnnn = first five consonants of the name, and sssss = first five non-special characters in the street address. **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 *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	LATITUDE	N	Reported latitude of the reporting facility **converted into decimal degrees** (Format: signed 2 digit whole number, 6 digit decimal positions +nn.nnnnnn). *Source:* **TRI_FACILITY.** FAC_LATITUDE *Reference:* Part I, Section 4.6
30	LONGITUDE	N	Reported longitude of the reporting facility **converted into decimal degrees.** (Format: signed 3 digit whole number, 6 digit decimal positions +nnn.nnnnnn). *Source:* **TRI_FACILITY.** FAC_LONGITUDE *Reference:* Part I, Section 4.6
31	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
32	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
33	RCRA NR A	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. *Source:* **TRI_FACILITY_RCRA**.RCRA_NUM *Reference:* Part I, Section 4.8a
34	RCRA NR B	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. *Source:* **TRI_FACILITY_RCRA**.RCRA_NUM *Reference:* Part I, Section 4.8b

Num.	Field Name	Type	Description
35	NPDES NR A	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source:* **TRI_FACILITY_NPDES.**NPDES_NUM *Reference:* Part I, Section 4.9a
36	NPDES NR B	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source:* **TRI_FACILITY_NPDES.**NPDES_NUM *Reference:* Part I, Section 4.9b
37	UIC NR A	C	Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class I wells. *Source:* **TRI_FACILITY_UIC.**UIC_NUM *Reference:* Part I, Section 4.10a
38	UIC NR B	C	Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class II to V wells. *Source:* **TRI_FACILITY_UIC.**UIC_NUM *Reference:* Part I, Section 4.10b
39	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
40	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

Num.	Field Name	Type	Description
41	TECHNICAL CONTACT NAME	C	This field provides the name of the person to be contacted by EPA or state officials if clarification of the information reported on the form is required. *Source:* **TRI_FACILITY.** ASGN_TECHNICAL_CONTACT *Reference:* Part I, Section 4.3
42	TECHNICAL CONTACT PHONE	C	This field provides the telephone number, including area code, of the technical contact. *Source:* **TRI_FACILITY.** ASGN_TECHNICAL_PHONE *Reference:* Part I, Section 4.3