

FLAT FILE ID# - SI1

Source Form: Site ID **Description:** Handler Identification, Address, and Hazardous Waste Activities Information

This file must contain one and only one record for each Handler ID reporting. Also, any Handler ID appearing as the key in ANY of the “GM”, “WR”, or “OI” files must also be present in this file.

Key Fields: Handler ID Number (HANDLER_ID). Each record in the SI1 file must contain a unique Handler ID Number.

Note: The SI1 file is REQUIRED. One record must be provided for each handler.

Field No.	Field Name	Starting Column	Field Length	Data Type	Description	Location on Form	Edit Number
1	HANDLER_ID	1	12	A	EPA Identification Number	SI-2	SI1-000, SI1-010
2	SUBMITTAL_REASON	13	1	A	Reason for Submittal (As a component of the Hazardous Waste Report = 'R', As a component of the Hazardous Waste Report AND any other reason for submittal = 'B')	SI-1	SI1-010, SI1-020
3	NAME	14	80	A	Name	SI-3	SI1-030
4	LOCATION_STREET_NO	94	12	A	Location Street Number	SI-4	
5	LOCATION_STREET1	106	30	A	Location Street 1	SI-4	SI1-040
6	LOCATION_STREET2	136	30	A	Location Street 2	SI-4	
7	LOCATION_CITY	166	25	A	Location City	SI-4	SI1-050
8	COUNTY_NAME	191	25	A	County Name	SI-4	SI1-060
9	LOCATION_STATE	216	2	A	Location State	SI-4	SI1-070, SI1-100
10	LOCATION_ZIP	218	14	A	Location Zip Code	SI-4	SI1-080, SI1-090
11	MAIL_STREET_NO	232	12	A	Mailing Street Number	SI-7	
12	MAIL_STREET1	244	30	A	Mailing Street 1	SI-7	SI1-110

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Key Fields: Handler ID Number (HANDLER_ID). Each record in the SI1 file must contain a unique Handler ID Number.

Note: The SI1 file is REQUIRED. One record must be provided for each handler.

Field No.	Field Name	Starting Column	Field Length	Data Type	Description	Location on Form	Edit Number
13	MAIL_STREET2	274	30	A	Mailing Street 2	SI-7	
14	MAIL_CITY	304	25	A	Mailing City	SI-7	SI1-120
15	MAIL_STATE	329	2	A	Mailing State	SI-7	SI1-130, SI1-140
16	MAIL_COUNTRY	331	50	A	Mailing Country Name	SI-7	SI1-130, SI1-140, SI1-170
17	MAIL_ZIP	381	14	A	Mailing Zip Code	SI-7	SI1-150, SI1-160
18	LAND_TYPE	395	1	A	Site Land Type (Private = 'P', County = 'C', District = 'D', Federal = 'F', Indian = 'I', Municipal = 'M', State = 'S', Other = 'O', Unchecked = '')	SI-5	SI1-270
19	CONTACT_FIRST_NAME	396	15	A	Contact First Name	SI-8	SI1-190
20	CONTACT_MIDDLE_INITIAL	411	1	A	Contact Middle Initial	SI-8	
21	CONTACT_LAST_NAME	412	15	A	Contact Last Name	SI-8	SI1-180
22	CONTACT_PHONE	427	10	A	Contact Phone Number	SI-8	SI1-200
23	CONTACT_PHONE_EXT	437	6	A	Contact Phone Number Extension	SI-8	
24	STATE_GENERATOR_STATUS	443	1	A	State Specific Generator Status	SI-10-A-1	SI1-240

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Source Form: Site ID **Description:** Handler Identification, Address, and Hazardous Waste Activities Information

This file must contain one and only one record for each Handler ID reporting. Also, any Handler ID appearing as the key in ANY of the “GM”, “WR”, or “OI” files must also be present in this file.

Key Fields: Handler ID Number (HANDLER_ID). Each record in the SI1 file must contain a unique Handler ID Number.

Note: The SI1 file is REQUIRED. One record must be provided for each handler.

Field No.	Field Name	Starting Column	Field Length	Data Type	Description	Location on Form	Edit Number
25	GENERATOR_ACTIVITY	444	1	A	Generator Activity (LQG = '1', SQG = '2', CESQG = '3', Not a generator = 'N')	SI-10-A-1	SI1-250
26	IMPORTER_ACTIVITY	445	1	A	U.S. Importer of Hazardous Waste (Yes = 'Y', No = 'N')	SI-10-A-1	SI1-280
27	MIXED_WASTE_GENERATOR	446	1	A	Mixed Waste (hazardous and radioactive) Generator (Yes = 'Y', No = 'N')	SI-10-A-1	SI1-290
28	TRANSPORTER_ACTIVITY	447	1	A	Transporter of Hazardous Waste (Yes = 'Y', No = 'N')	SI-10-A-2	SI1-300
29	TSD_ACTIVITY	448	1	A	Treater, Storer, or Disposer of Hazardous Waste (Yes = 'Y', No = 'N')	SI-10-A-3	SI1-260
30	RECYCLER_ACTIVITY	449	1	A	Recycler of Hazardous Waste (Yes = 'Y', No = 'N')	SI-10-A-4	SI1-310
31	HWFUEL_ONSITE_BURNER_EXEMPT	450	1	A	Small Quantity On-Site Burner Exemption (Yes = 'Y', No = 'N')	SI-10-A-5	SI1-320
32	HWFUEL_FURNACE_EXEMPT	451	1	A	Smelting, Melting, Refining Furnace Exemption (Yes = 'Y', No = 'N')	SI-10-A-5	SI1-330
33	UNDERGROUND_INJECTION_ACTIVITY	452	1	A	Underground Injection Control (Yes = 'Y', No = 'N')	SI-10-A-6	SI1-340
34	INCLUDE_IN_NATIONAL_REPORT	453	1	A	Include this Information in the National Hazardous Waste Report (Yes = 'Y', No = 'N')		SI1-350

FLAT FILE ID# - SI1

Source Form: Site ID **Description:** Handler Identification, Address, and Hazardous Waste Activities Information

This file must contain one and only one record for each Handler ID reporting. Also, any Handler ID appearing as the key in ANY of the “GM”, “WR”, or “OI” files must also be present in this file.

Key Fields: Handler ID Number (HANDLER_ID). Each record in the SI1 file must contain a unique Handler ID Number.

Note: The SI1 file is REQUIRED. One record must be provided for each handler.

Field No.	Field Name	Starting Column	Field Length	Data Type	Description	Location on Form	Edit Number
35	NOTES	454	240	A	Comments/Notes	SI-12	
36	CONTACT_EMAIL	694	240	A	Contact E-Mail Address		
37	STATE_DISTRICT	934	10	A	State District		
Total Record Length:			943				

SI1 Flat File Edit Specifications

Edit Number	Form Location	Edit Description	Select Logic
SI1-000	SI-2	The first two characters of the EPA ID must match the state code for which data is being submitted.	SUBSTR(HANDLER_ID,1,2) = state postal code of submission
SI1-010	SI-1 / SI-2	If the reason for submittal is for the Hazardous Waste Report, the EPA ID must already exist in RCRAInfo.	IF SUBMITTAL_REASON = 'R' THEN HANDLER_ID in HBASIC
SI1-020	SI-1	The reason for submittal must be 'R' or 'B'.	SUBMITTAL_REASON = 'R' or 'B'
SI1-030	SI-3	Handler name must be provided.	HANDLER_NAME <> ''
SI1-040	SI-4	Location street must be provided.	LOCATION_STREET_1 <> ''
SI1-050	SI-4	Location city, town, or village must be provided.	LOCATION_CITY <> ''
SI1-060	SI-4	Location county name must be a valid value.	COUNTY_NAME = county name provided in LU_COUNTY
SI1-070	SI-4	Location state must be a valid postal state (see Appendix E)	LOCATION_STATE = value specified in Appendix E.
SI1-080	SI-4	Location zip code must be provided.	LOCATION_ZIP <> ''
SI1-090	SI-7	Location zip code must contain only the characters 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, or blank.	LOCATION_ZIP characters = '0', '1', '2', '3', '4', '5', '6', '7', '8', '9', ''
SI1-100	SI-4	If the first two characters of Handler ID equal 'NN' then Location Status must be a valid state postal code. If the first two characters of Handler ID do not equal 'NN' then Location State must equal the first two characters of the Handler ID.	IF SUBSTR(HANDLER_ID,1,2) = 'NN' Then LOCATION_STATE = value specified in Appendix E. If SUBSTR(HANDLER_ID,1,2) <> 'NN' Then LOCATION_STATE = SUBSTR(HANDLER_ID,1,2)
SI1-110	SI-7	Mailing street must be provided.	MAIL_STREET1 <> ''
SI1-120	SI-7	Mailing city, town, or village must be provided.	MAIL_CITY <> ''
SI1-130	SI-7	If the mailing address is in the United States then the mailing state must be a valid postal state (see Appendix E).	If MAIL_COUNTRY = ' ' OR MAIL_COUNTRY = 'UNITED STATES' Then MAIL_STATE = value specified in Appendix E.

SI1 Flat File Edit Specifications

Edit Number	Form Location	Edit Description	Select Logic
SI1-140	SI-7	If mailing country is not equal to blank or 'US' then mailing state must equal a valid nationally-defined value in LU_FOREIGN_STATE or blank.	If MAIL_COUNTRY <> ' ' or 'US' Then MAIL_STATE = valid state code in LU_FOREIGN_STATE or ' '
SI1-150	SI-7	Mailing zip code must be provided.	MAIL_ZIP <> ' '
SI1-160	SI-7	Mailing zip code must contain only the characters 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, or blank.	MAIL_ZIP characters = '0', '1', '2', '3', '4', '5', '6', '7', '8', '9', ' '
SI1-170	SI-7	Mailing country name must be a valid value. If the mailing country is blank, a value of UNITED STATES will be assumed.	MAIL_COUNTRY = country name provided in LU_COUNTRY
SI1-180	SI-8	Contact last name must be provided.	CONTACT_LAST_NAME <> ' '
SI1-190	SI-8	Contact first name must be provided.	CONTACT_FIRST_NAME <> ' '
SI1-200	SI-9	Contact phone number must be provided.	CONTACT_PHONE <> ' '
SI1-240	SI-10-A-1	State generator status must be registered with the RCRAInfo database.	STATE_GENERATOR_STATUS = implementer defined value in LU_GENERATOR_STATUS2
SI1-250	SI-10-A-1	Generator of hazardous waste indicator must equal '1', '2', '3', or 'N'.	GENERATOR_ACTIVITY = '1' or '2' or '3' or 'N'
SI1-260	SI-10-A-3	Treater, Storer, or Disposer indicator must equal 'Y' or 'N'.	TSD_ACTIVITY = 'Y' or 'N'
SI1-270	SI-5	Site land type must equal 'P', 'C', 'D', 'F', 'I', 'M', 'S', or 'O'.	LAND_TYPE = 'P' or 'C' or 'D' or 'F' or 'I' or 'M' or 'S' or 'O'
SI1-280	SI-10-A-1	Importer of hazardous waste indicator must equal 'Y' or 'N'.	IMPORTER_ACTIVITY = 'Y' or 'N'
SI1-290	SI-10-A-1	Mixed waste generator indicator must equal 'Y' or 'N'.	MIXED_WASTE_GENERATOR = 'Y' or 'N'
SI1-300	SI-10-A-2	Transporter indicator must equal 'Y' or 'N'.	TRANSPORTER_ACTIVITY = 'Y' or 'N'
SI1-310	SI-10-A-4	Recycler indicator must equal 'Y' or 'N'.	RECYCLER_ACTIVITY = 'Y' or 'N'
SI1-320	SI-10-A-5	Small quantity on-site burner exemption indicator must equal 'Y' or 'N'.	HWFUEL_ONSITE_BURNER_EXEMPT = 'Y' or 'N'

SI1 Flat File Edit Specifications

Edit Number	Form Location	Edit Description	Select Logic
SI1-330	SI-10-A-5	Smelting, melting, refining furnace exemption indicator must equal 'Y' or 'N'.	HWFUEL_FURNACE_EXEMPT = 'Y' or 'N'
SI1-340	SI-10-A-6	Underground injection control indicator must equal 'Y' or 'N'.	UNDERGROUND_INJECTION_ACTIVITY = 'Y' or 'N'
SI1-350		Include in national report flag must equal 'Y' or 'N'.	INCLUDE_IN_NATIONAL_REPORT = 'Y' or 'N'

FLAT FILE ID# - SI2

Source Form: Site ID **Description:** Handler Universal Waste and Used Oil Activities

This file captures the information contained in Section 10, Block B, Questions 1A - 1D of the Site ID form. This file should contain one and only one record for each Handler ID reporting.

Key Fields: Handler ID Number (HANDLER_ID). Each record in the SI2 file must contain a unique Handler ID Number.

Note: The SI2 file is REQUIRED. One record must be provided for each handler.

Field No.	Field Name	Starting Column	Field Length	Data Type	Description	Location on Form	Edit Number
1	HANDLER_ID	1	12	A	EPA Identification Number	SI-2	SI2-010
	OBSOLETE FIELD	13	1	A	Obsolete Field - must leave blank (formerly Large Quantity Generator of Batteries)		
3	MAN_BATTERIES	14	1	A	Managed Batteries (Yes = 'Y', No = 'N')	SI-10-B-1-A	SI2-020
	OBSOLETE FIELD	15	1	A	Obsolete Field - must leave blank (formerly Large Quantity Generator of Pesticides)		
5	MAN_PESTICIDES	16	1	A	Managed Pesticides (Yes = 'Y', No = 'N')	SI-10-B-1-B	SI2-030
	OBSOLETE FIELD	17	1	A	Obsolete Field - must leave blank (formerly Large Quantity Generator of Thermostats)		
7	MAN_MERCURY_EQUIP	18	1	A	Managed Mercury Containing Equipment (Yes = 'Y', No = 'N')	SI-10-B-1-C	SI2-040
	OBSOLETE FIELD	19	1	A	Obsolete Field - must leave blank (formerly Large Quantity Generator of Lamps)		
9	MAN_LAMPS	20	1	A	Managed Lamps (Yes = 'Y', No = 'N')	SI-10-B-1-D	SI2-050
10	UNIVERSAL_WASTE_DEST_FACILITY	21	1	A	Destination Facility for Universal Waste (Yes = 'Y', No = 'N')	SI-10-B-2	SI2-060

FLAT FILE ID# - SI2

Source Form: Site ID **Description:** Handler Universal Waste and Used Oil Activities

This file captures the information contained in Section 10, Block B, Questions 1A - 1D of the Site ID form. This file should contain one and only one record for each Handler ID reporting.

Key Fields: Handler ID Number (HANDLER_ID). Each record in the SI2 file must contain a unique Handler ID Number.

Note: The SI2 file is REQUIRED. One record must be provided for each handler.

Field No.	Field Name	Starting Column	Field Length	Data Type	Description	Location on Form	Edit Number
11	USED_OIL_TRANSPORTER	22	1	A	Used Oil Transporter (Yes = 'Y', No = 'N')	SI-10-C-1-A	SI2-070
12	USED_OIL_TRANSFER_FACILITY	23	1	A	Used Oil Transfer Facility (Yes = 'Y', No = 'N')	SI-10-C-1-B	SI2-080
13	USED_OIL_PROCESSOR	24	1	A	Used Oil Processor (Yes = 'Y', No = 'N')	SI-10-C-2-A	SI2-090
14	USED_OIL_REFINER	25	1	A	Used Oil Re-refiner (Yes = 'Y', No = 'N')	SI-10-C-2-B	SI2-100
15	USED_OIL_BURNER	26	1	A	Off-Specification Used Oil Burner (Yes = 'Y', No = 'N')	SI-10-C-3	SI2-110
16	USED_OIL_MARKET_BURNER	27	1	A	Used Oil Fuel Marketer Who Directs Shipment of Off-Specification Used Oil to Off-Specification Used Oil Burner (Yes = 'Y', No = 'N')	SI-10-C-4-A	SI2-120
17	USED_OIL_SPEC_MARKETER	28	1	A	Used Oil Fuel Marketer Who First Claims the Used Oil Meets the Specifications (Yes = 'Y', No = 'N')	SI-10-C-4-B	SI2-130
Total Record Length:			28				

SI2 Flat File Edit Specifications

Edit Number	Form Location	Edit Description	Select Logic
SI2-010	SI-2	SI2 record is present, but corresponding record does not exist in the SI1 file.	HANDLER_ID not in SI1 file
SI2-020	SI-10-B-1-A	Managed batteries indicator must equal 'Y' or 'N'.	MAN_BATTERIES = 'Y' or 'N'
SI2-030	SI-10-B-1-B	Managed pesticides indicator must equal 'Y' or 'N'.	MAN_PESTICIDES = 'Y' or 'N'
SI2-040	SI-10-B-1-C	Managed mercury containing equipment indicator must equal 'Y' or 'N'.	MAN_THERMOSTATS = 'Y' or 'N'
SI2-050	SI-10-B-1-D	Managed lamps indicator must equal 'Y' or 'N'.	MAN_LAMPS = 'Y' or 'N'
SI2-060	SI-10-B-2	Destination facility for universal waste indicator must equal 'Y' or 'N'.	UNIVERSAL_WASTE_DEST_FACILITY = 'Y' or 'N'
SI2-070	SI-10-C-1-A	Used oil transporter indicator must equal 'Y' or 'N'.	USED_OIL_TRANSPORTER = 'Y' or 'N'
SI2-080	SI-10-C-1-B	Used oil transfer facility indicator must equal 'Y' or 'N'.	USED_OIL_TRANSFER_FACILITY = 'Y' or 'N'
SI2-090	SI-10-C-2-A	Used oil processor indicator must equal 'Y' or 'N'.	USED_OIL_PROCESSOR = 'Y' or 'N'
SI2-100	SI-10-C-2-B	Used oil re-refiner indicator must equal 'Y' or 'N'.	USED_OIL_REFINER = 'Y' or 'N'
SI2-110	SI-10-C-3	Off-specification used oil burner indicator must equal 'Y' or 'N'.	USED_OIL_BURNER = 'Y' or 'N'
SI2-120	SI-10-C-4-A	Used oil fuel marketer who directs shipment of off-specification used oil to off-specification used oil burner indicator must equal 'Y' or 'N'.	USED_OIL_MARKET_BURNER = 'Y' or 'N'
SI2-130	SI-10-C-4-B	Used oil fuel marketer who first claims the used oil meets the specification indicator must equal 'Y' or 'N'.	USED_OIL_SPEC_MARKETER = 'Y' or 'N'

FLAT FILE ID# - SI3

Source Form: Site ID **Description:** Handler Other Universal Waste Activities

This file captures the information contained in Section 10, Block B, Question 1E of the Site ID form. The relationship of these data records to the reported site is *n:1*, that is, there can be multiple other waste activities for each site.

Key Fields: Handler ID Number (HANDLER_ID); Other Universal Waste Activities (UNIVERSAL_WASTE). Each record in the SI3 file must contain a unique combination of the Handler ID Number and Other Universal Waste Activities.

Note: The SI3 file is NOT REQUIRED. The edits for this file apply only if you provide data for this file.

Field No.	Field Name	Starting Column	Field Length	Data Type	Description	Location on Form	Edit Number
1	HANDLER_ID	1	12	A	EPA Identification Number	SI-2	SI3-010
2	UNIVERSAL_WASTE	13	1	A	Other Universal Waste Activities	SI-10-B-1-E	SI3-020
3	GENERATED	14	1	A	Generated Other Universal Waste Activities (Yes = 'Y', No = 'N')	SI-10-B-1-E	SI3-030, SI3-040
4	MANAGED	15	1	A	Managed Other Universal Waste Activities (Yes = 'Y', No = 'N')	SI-10-B-1-E	SI3-040, SI3-050
Total Record Length:			15				

SI3 Flat File Edit Specifications

Edit Number	Form Location	Edit Description	Select Logic
SI3-010	SI-2	SI3 record is present, but corresponding record does not exist in the SI1 file.	HANDLER_ID in SI1 file
SI3-020	SI-10-B-1-E	Other universal waste activities must be an implementer defined value other than 'B', 'P', 'T', or 'L'.	UNIVERSAL_WASTE = implementer defined value in LU_UNIVERSAL_WASTE.
SI3-030	SI-10-B-1-E	Generated other universal waste activities indicator must equal 'Y' or 'N'.	GENERATED = 'Y' or 'N'
SI3-040	SI-10-B-1-E	Managed other universal waste activities indicator must equal 'Y' or 'N'.	MANAGED = 'Y' or 'N'
SI3-050	SI-10-B-1-E	Other universal waste activities must indicate whether the activity was generated or managed.	If GENERATED = 'N' Then MANAGED = 'Y' If MANAGED = 'N' Then GENERATED = 'Y'

FLAT FILE ID# - SI4

Source Form: Site ID **Description:** Waste Codes for Federally Regulated Hazardous Wastes

This file captures the information contained in Section 11, Block A of the Site ID form. The relationship of these data records to the reported site is *n*: 1, that is, there can be multiple federal waste codes for each site.

Key Fields: Handler ID Number (HANDLER_ID); Federal Waste Code (EPA_WASTE_CODE). Each record in the SI4 file must contain a unique combination of the Handler ID Number and Federal Waste Code.

Note: The SI4 file is NOT REQUIRED. The edits for this file apply only if you provide data for this file.

Field No.	Field Name	Starting Column	Field Length	Data Type	Description	Location on Form	Edit Number
1	HANDLER_ID	1	12	A	EPA Identification Number	SI-2	SI4-010
2	EPA_WASTE_CODE	13	4	A	Waste Codes for Federally Regulated Hazardous Wastes	SI-11-A	SI4-020
Total Record Length:			16				

SI4 Flat File Edit Specifications

Edit Number	Form Location	Edit Description	Select Logic
SI4-010	SI-2	SI4 record is present, but corresponding record does not exist in the SI1 file.	HANDLER_ID in SI1 file
SI4-020	SI-11-A	Waste code for federally regulated hazardous wastes must be a federal waste code value specified in the <i>2007 Hazardous Waste Report, Instructions and Forms</i> .	EPA_WASTE_CODE = value specified in the <i>2007 Hazardous Waste Report, Instructions and Forms</i>

FLAT FILE ID# - SI5

Source Form: Site ID **Description:** Waste Codes for State-Regulated Hazardous Wastes

This file captures the information contained in Section 11, Block B of the Site ID form. The relationship of these data records to the reported site is $n:1$, that is, there can be multiple state waste codes for each site.

Key Fields: Handler ID Number (HANDLER_ID); State Waste Code (STATE_WASTE_CODE). Each record in the SI5 file must contain a unique combination of the Handler ID Number and State Waste Code.

Note: The SI5 file is NOT REQUIRED. The edits for this file apply only if you provide data for this file.

Field No.	Field Name	Starting Column	Field Length	Data Type	Description	Location on Form	Edit Number
1	HANDLER_ID	1	12	A	EPA Identification Number	SI-2	SI5-010
2	STATE_WASTE_CODE	13	6	A	Waste Code for State-Regulated Hazardous Waste	SI-11-B	SI5-020
Total Record Length:			18				

SI5 Flat File Edit Specifications

Edit Number	Form Location	Edit Description	Select Logic
SI5-010	SI-2	SI5 record is present, but corresponding record does not exist in the SI1 file.	HANDLER_ID in SI1 file
SI5-020	SI-11-B	Waste code must be registered with the RCRAInfo database.	STATE_WASTE_CODE = implementer defined value in LU_WASTE_CODE

FLAT FILE ID# - SI6

Source Form: Site ID **Description:** North American Industry Classification System Codes for the Site

This file captures the information contained in Section 6 of the Site ID form. The relationship of these data records to the reported site is *n:1*, that is, there can be multiple NAICS for each site.

Key Fields: Handler ID Number (HANDLER_ID); NAICS Sequence Number (NAICS_SEQ). Each record in the SI6 file must contain a unique combination of the Handler ID Number and the NAICS Sequence Number.

Note: The SI6 file is REQUIRED. At least one record with a sequence number of 1 must be provided for each handler.

Field No.	Field Name	Starting Column	Field Length	Data Type	Description	Location on Form	Edit Number
1	HANDLER_ID	1	12	A	EPA Identification Number	SI-2	SI6-010, SI6-040
2	NAICS_SEQ	13	4	I	NAICS Sequence Number	Assigned by Respondent	SI6-020, SI6-050
3	NAICS_CODE	17	6	A	North American Industry Classification System Code	SI-6	SI6-030
Total Record Length:			22				

SI6 Flat File Edit Specifications

Edit Number	Form Location	Edit Description	Select Logic
SI6-010	SI-2	SI6 record is present, but corresponding record does not exist in the SI1 file.	HANDLER_ID in SI1 file
SI6-020	SI- Assigned by respondent	NAICS sequence number must be greater than zero.	NAICS_SEQ > 0
SI6-030	SI-6	North American industry classification system code must be a valid value.	NAICS_CODE = NAICS code provided in LU_NAICS
SI6-040	SI-6	NAICS data must be provided.	HANDLER_ID in SI1 file and in SI6 file
SI6-050	SI-6	One SI6 record with sequence number = 1 must be provided.	Record in SI6 where NAICS_SEQ = 1

FLAT FILE ID# - SI7

Source Form: Site ID **Description:** Site Identification Form Certification

This file captures the information contained in Section 13 of the Site ID form. The relationship of these data records to the reported site is *n:1*, that is, there can be multiple certifications for each site.

Key Fields: Handler ID Number (HANDLER_ID); Certification Sequence Number (CERT_SEQ). Each record in the SI7 file must contain a unique combination of the Handler ID Number and Certification Sequence Number.

Note: The SI7 file is REQUIRED. At least one record must be provided for each handler.

Field No.	Field Name	Starting Column	Field Length	Data Type	Description	Location on Form	Edit Number
1	HANDLER_ID	1	12	A	EPA Identification Number	SI-2	SI7-010, SI7-070
2	CERT_SEQ	13	2	I	Certification Sequence Number	Assigned by Respondent	SI7-020
3	CERT_FIRST_NAME	15	15	A	Certification First Name	SI-13	SI7-040
4	CERT_MIDDLE_INITIAL	30	1	A	Certification Middle Initial	SI-13	
5	CERT_LAST_NAME	31	15	A	Certification Last Name	SI-13	SI7-030
6	CERT_TITLE	46	15	A	Certification Title	SI-13	SI7-050
7	CERT_SIGNED_DATE	61	8	I	Date Certification was Signed (CCYYMMDD)	SI-13	SI7-060
Total Record Length:			68				

SI7 Flat File Edit Specifications

Edit Number	Form Location	Edit Description	Select Logic
SI7-010	SI-2	SI7 record is present, but corresponding record does not exist in the SI1 file.	HANDLER_ID in SI1 file
SI7-020	SI- Assigned by respondent	Certification sequence number must be greater than zero.	CERT_SEQ > 0
SI7-030	SI-13	Certification last name must be provided.	CERT_LAST_NAME <> ''
SI7-040	SI-13	Certification first name must be provided.	CERT_FIRST_NAME <> ''
SI7-050	SI-13	Certification title must be provided.	CERT_TITLE <> ''
SI7-060	SI-13	Date certification was signed must be a valid date greater than 20070101 (January 1, 2007) and less than today.	CERT_SIGNED_DATE >= '20070101' AND CERT_SIGNED_DATE < TODAY
SI7-070	SI-13	Certification data must be provided.	HANDLER_ID in SI1 file and in SI7 file

FLAT FILE ID# - SI8

Source Form: NA **Description:** State Specific Activities

This file reports the state specific activities for each site. Although not on the EPA Form 8700-13A/B, this file is available for states who wish to report this information. The relationship of these data records to the reported site is *n:1*, that is, there can be multiple state specific activities for each site.

Key Fields: Handler ID Number (HANDLER_ID); State Activity Type (STATE_ACTIVITY_TYPE). Each record in the SI8 file must contain a unique combination of the Handler ID Number and State Activity Type.

Note: The SI8 file is NOT REQUIRED. The edits for this file apply only if you provide data for this file.

Field No.	Field Name	Starting Column	Field Length	Data Type	Description	Location on Form	Edit Number
1	HANDLER_ID	1	12	A	EPA Identification Number		SI8-010
2	STATE_ACTIVITY_TYPE	13	5	A	State Activity Type		SI8-020
3	NOTES	18	240	A	Notes/Comments		
Total Record Length:			257				

SI8 Flat File Edit Specifications

Edit Number	Form Location	Edit Description	Select Logic
SI1-010		SI8 record is present, but corresponding record does not exist in the SI1 file.	HANDLER_ID in SI1 file
SI1-020		State activity type must be registered with the RCRAInfo database.	STATE_ACTIVITY_TYPE = implementer defined value in LU_STATE_ACTIVITY

FLAT FILE ID# - SI9

Source Form: Site ID **Description:** Owner/Operator Name and Address

This file reports the owner and operator name and address for each site. The owner/operator name, date and type are on the EPA Form 8700-13A/B. The file specification includes owner/operator address information for states who wish to report this information. The relationship of these data records to the reported site is n:1, that is, there can be multiple owner and operator names and addresses for each site.

Key Fields: Handler ID Number (HANDLER_ID); Owner/Operator Sequence Number (OWNER_OPERATOR_SEQ_NO) . Each record in the SI9 file must contain a unique combination of the Handler ID Number and Owner/Operator Sequence Number.

Note: The SI9 file is REQUIRED . At least two records must be provided for each handler - one record for current owner and one record for current operator.

Field No.	Field Name	Starting Column	Field Length	Data Type	Description	Location on Form	Edit Number
1	HANDLER_ID	1	12	A	EPA Identification Number		SI9-010
2	OWNER_OPERATOR_SEQ_NO	13	4	I	Owner/Operator Sequence Number		
3	OWNER_OPERATOR_INDICATOR	17	2	A	Owner/Operator Indicator (Current Owner = 'CO', Current Operator = 'CP')		SI9-080, SI9-090
4	OWNER_OPERATOR_NAME	19	40	A	Site's Legal Owner/Operator	SI-9-A, SI-9-B	SI9-040
5	OWNER_OPERATOR_DATE	59	8	I	Date Became Owner/Operator (CCYYMMDD)	SI-9-A, SI-9-B	SI9-020
6	OWNER_OPERATOR_TYPE	67	1	A	Owner/Operator Type (Private = 'P', County = 'C', District = 'D', Federal = 'F', Indian = 'I', Municipal = 'M', State = 'S', Other = 'O')	SI-9-A, SI-9-B	SI9-030
7	OWNER_OPERATOR_STREET_NO	68	12	A	Owner/Operator Street Number	SI-9-A	
8	OWNER_OPERATOR_STREET1	80	30	A	Owner/Operator Street 1	SI-9-A	
9	OWNER_OPERATOR_STREET2	110	30	A	Owner/Operator Street 2	SI-9-A	
10	OWNER_OPERATOR_CITY	140	25	A	Owner/Operator City	SI-9-A	

FLAT FILE ID# - SI9

Source Form: Site ID **Description:** Owner/Operator Name and Address

This file reports the owner and operator name and address for each site. The owner/operator name, date and type are on the EPA Form 8700-13A/B. The file specification includes owner/operator address information for states who wish to report this information. The relationship of these data records to the reported site is n:1, that is, there can be multiple owner and operator names and addresses for each site.

Key Fields: Handler ID Number (HANDLER_ID); Owner/Operator Sequence Number (OWNER_OPERATOR_SEQ_NO) . Each record in the SI9 file must contain a unique combination of the Handler ID Number and Owner/Operator Sequence Number.

Note: The SI9 file is REQUIRED . At least two records must be provided for each handler - one record for current owner and one record for current operator.

Field No.	Field Name	Starting Column	Field Length	Data Type	Description	Location on Form	Edit Number
11	OWNER_OPERATOR_STATE	165	2	A	Owner/Operator State	SI-9-A	SI9-050, SI9-100, SI9-110
12	OWNER_OPERATOR_ZIP	167	14	A	Owner/Operator Zip Code	SI-9-A	SI9-060
13	OWNER_OPERATOR_COUNTRY	181	50	A	Owner/Operator Country	SI-9-A	SI9-100, SI9-110, SI9-120
14	OWNER_OPERATOR_NOTES	231	240	A	Owner/Operator Notes		
Total Record Length:			470				

SI9 Flat File Edit Specifications

Edit Number	Form Location	Edit Description	Select Logic
SI9-010		SI9 record is present, but corresponding record does not exist in the SI1 file.	HANDLER_ID in SI1 file
SI9-020	SI-9-A, SI-9-B	Owner / operator date must be a valid date greater than 1700101 (January 1, 1700).	OWNER_OPERATOR_DATE = valid date
SI9-030	SI-9-A, SI-9-B	Owner / operator type must equal 'P', 'C', 'D', 'F', 'T', 'M', 'S', or 'O'.	OWNER_OPERATOR_TYPE = 'P' or 'C' or 'D' or 'F' or 'T' or 'M' or 'S' or 'O'
SI9-040	SI-9-A, SI-9-B	Owner / operator name must be provided.	OWNER_OPERATOR_NAME <> ''.
SI9-050		Owner/operator state must be a value specified in Appendix E or blank.	OWNER_OPERATOR_STATE = value specified in Appendix E or ''
SI9-060		Owner/operator zip code must contain only the characters 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, or blank.	OWNER_OPERATOR_ZIP characters = '0', '1', '2', '3', '4', '5', '6', '7', '8', '9', ''
SI9-080		Owner / operator indicator must equal 'CO' or 'CP'.	OWNER_OPERATOR_INDICATOR = 'CO' or 'CP'
SI9-090		At least one SI9 record with owner/operator indicator = 'CO' and at least one SI9 record with owner/operator indicator = 'CP' must be provided.	There must be at least one record in SI9 where OWNER_OPERATOR_INDICATOR = 'CO' and there must be a least one record in SI9 where OWNER_OPERATOR_INDICATOR = 'CP'
SI9-100	SI-9	If owner/operator country code is equals to blank or 'US' then owner/operator state must equal a valid state postal code or blank.	If OWNER_OPERATOR_COUNTRY = ' ' or 'US' Then OWNER_OPERATOR_STATE = valid state postal code or ' '
SI9-110	SI-9	If owner/operator country is not equal to blank or 'US' then owner/operator state must equal a valid nationally-defined value in LU_FOREIGN_STATE or blank.	If OWNER_OPERATOR_COUNTRY <> ' ' or 'US' Then OWNER_OPERATOR_STATE = valid state code in LU_FOREIGN_STATE or ' '
SI9-120	SI-9	Owner/operator country code must be a valid nationally defined value. If owner/operator country code is blank, a value of 'UNITED STATES' will be assumed.	OWNER_OPERATOR_COUNTRY = nationally defined country code provided in LU_COUNTRY or ' '

FLAT FILE ID# - GM1

Source Form: GM **Description:** Waste Measurement Information

This file captures data elements that have a 1:1 relationship to the reported waste. These data elements are as follows: GM Section 1, Block A and Blocks D through G.

Key Fields: Handler ID Number (HANDLER_ID); Page Number (HZ_PG). Each record in the GM1 file must contain a unique combination of the Handler ID Number and Page Number.

Note: The GM1 File is REQUIRED for handlers that generated RCRA hazardous waste that, in 2007, was accumulated on-site; managed on-site in a treatment, storage, or disposal unit; and / or shipped off-site for management.

Field No.	Field Name	Starting Column	Field Length	Data Type	Description	Location on Form	Edit Number
1	HANDLER_ID	1	12	A	EPA ID Number	Site ID Block	GM1-010
2	HZ_PG	13	5	I	Page Number	Assigned By Respondent	GM1-020
3	FORM_CODE	18	4	A	Waste Form Code	GM-1-E	GM1-070
4	UNIT_OF_MEASURE	22	1	A	Unit of Measure (Pounds = '1', Short Tons = '2', Kilograms = '3', Metric Tonnes = '4', Gallons = '5', Liters = '6', Cubic Yards = '7')	GM-1-G	GM1-030, GM1-040
5	WST_DENSITY	23	6	D3.2	Density	GM-1-G	GM1-040, GM1-050
6	DENSITY_UNIT_OF_MEASURE	29	1	A	Density Unit of Measure (lbs/gal = '1', sg = '2')	GM-1-G	GM1-040
7	ORIGIN_MANAGEMENT_METHOD	30	4	A	Origin management method for source code G25	GM-1-D	GM1-080
	OBSOLETE FIELD	34	1	A	Obsolete Field - must leave blank (formerly RCRA-Radioactive Mix)		
8	SOURCE_CODE	35	3	A	Source Code	GM-1-D	GM1-080, GM1-090
9	GEN_QTY	38	18	D11.6	Quantity Generated in Reporting Year	GM-1-F	GM1-060

FLAT FILE ID# - GM1

Source Form: GM **Description:** Waste Measurement Information

This file captures data elements that have a 1:1 relationship to the reported waste. These data elements are as follows: GM Section 1, Block A and Blocks D through G.

Key Fields: Handler ID Number (HANDLER_ID); Page Number (HZ_PG). Each record in the GM1 file must contain a unique combination of the Handler ID Number and Page Number.

Note: The GM1 File is REQUIRED for handlers that generated RCRA hazardous waste that, in 2007, was accumulated on-site; managed on-site in a treatment, storage, or disposal unit; and / or shipped off-site for management.

Field No.	Field Name	Starting Column	Field Length	Data Type	Description	Location on Form	Edit Number
10	INCLUDE_IN_NATIONAL_REPORT	56	1	A	Include Information in the National Hazardous Waste Report (Yes = 'Y', No = 'N')		GM1-100
11	DESCRIPTION	57	240	A	Waste Stream Description	GM-1-A	
12	NOTES	297	240	A	Comments/Notes	Bottom of GM Form	
13	ON_SITE_MANAGEMENT	537	1	A	Was this Waste Stream Managed On-Site (Yes = 'Y', No = 'N')	GM-2	GM1-110, GM1-120, GM1-130
14	OFF_SITE_SHIPMENT	538	1	A	Was this Waste Stream Shipped Off-Site (Yes = 'Y', No = 'N')	GM-3-A	GM1-140, GM1-150, GM1-160
Total Record Length:			538				

GM1 Flat File Edit Specifications

Edit Number	Form Location	Edit Description	Select Logic
GM1-010	GM	GM1 record is present, but corresponding record does not exist in the SI1 file.	HANDLER_ID in SI1 file
GM1-020	GM	Page number must be greater than zero.	HZ_PG > 0
GM1-030	GM-1-H	Generated quantity unit of measure must equal '1', '2', '3', '4', '5', '6', or '7'.	UNIT_OF_MEASURE = '1' or '2' or '3' or '4' or '5' or '6' or '7'
GM1-040	GM-1-H	If the generated quantity unit of measure is '5', '6' or '7' then density must be greater than zero and density unit of measure must be 1 or 2.	If UNIT_OF_MEASURE = '5', '6', or '7' Then WST_DENSITY > 0 AND DENSITY_UNIT_OF_MEASURE = 1 or 2
GM1-050	GM-1-H	Waste density must be greater than or equal to 0.01 and less than or equal to 999.99, or equal to 0.	WST_DENSITY >= 0.01 and <= 999.99 or WST_DENSITY = 0
GM1-060	GM-1-G	Quantity generated in the reporting year must be greater than or equal to 0.000001 and less than or equal to 99,999,999,998.999999, or equal to zero.	GEN_QTY >= 0.000001 and <= 99999999998.999999 or GEN_QTY = 0
GM1-070	GM-1-E	The form code must be a form code value specified in the <i>2007 Hazardous Waste Report, Instructions and Forms</i> or blank.	FORM_CODE = value specified in the <i>2007 Hazardous Waste Report, Instructions and Forms</i> or ''
GM1-080	GM-1-D	If source code equals G25 then the management method code must be a management method specified in the <i>2007 Hazardous Waste Report, Instructions and Forms</i> . If source code is not equal to G25 then the management method code must be blank.	If SOURCE_CODE = 'G25' Then ORIGIN_MANAGEMENT_METHOD = value specified in the <i>2007 Hazardous Waste Report, Instructions and Forms</i> Else ORIGIN_MANAGEMENT_METHOD = ''
GM1-090	GM-1-D	The source code must be a source code value specified in the <i>2007 Hazardous Waste Report, Instructions and Forms</i> .	SOURCE_CODE = value specified in the <i>2007 Hazardous Waste Report, Instructions and Forms</i>
GM1-100		If Include in National Report in the SI1 file equals 'N' then Include in National Report must be a 'N'. If Include in National Report in the SI1 file equals 'Y' then Include in National Report must be a 'Y' or 'N'.	If INCLUDE_IN_NATIONAL_REPORT = 'N' in the SI1 file Then INCLUDE_IN_NATIONAL_REPORT = 'N' Else INCLUDE_IN_NATIONAL_REPORT = 'Y' or 'N'
GM1-110	GM-2	On-site management indicator must equal 'Y' or 'N'	ON_SITE_MANAGEMENT = 'Y' or 'N'

GM1 Flat File Edit Specifications

Edit Number	Form Location	Edit Description	Select Logic
GM1-120	GM-2	If On-site management indicator equals 'Y' then at least one corresponding record must exist in GM5 file.	If ON_SITE_MANAGEMENT = 'Y' Then HANDLER_ID and HZ_PG in GM5 file
GM1-130	GM-2	If On-site management indicator equals 'N' then no corresponding record may exist in GM5 file.	If ON_SITE_MANAGEMENT = 'N' Then no record in GM5 file for HANDLER_ID and HZ_PG
GM1-140	GM-3-A	Off-site management indicator must equal 'Y' or 'N'	OFF_SITE_SHIPMENT = 'Y' or 'N'
GM1-150	GM-3-A	If Off-site shipment indicator equals 'Y' then at least one corresponding record must exist in GM4 file.	If OFF_SITE_SHIPMENT = 'Y' Then HANDLER_ID and HZ_PG in GM4 file
GM1-160	GM-3-A	If Off-site shipment indicator equals 'N' then no corresponding record may exist in GM4 file.	If OFF_SITE_SHIPMENT = 'N' Then no record in GM4 for HANDLER_ID and HZ_PG

FLAT FILE ID# - GM2

Source Form: GM **Description:** EPA Hazardous Waste Codes for each GM page

This file captures the information contained in Section 1, Block B of the GM form. The relationship of these data records to the reported waste is *n:1*, that is, there can be multiple EPA waste codes for each unique reported waste.

Key Fields: Handler ID Number (HANDLER_ID); Page Number (HZ_PG); EPA Hazardous Waste Code (EPA_WASTE_CODE). Each record in the GM2 file must contain a unique combination of the Handler ID Number, Page Number, and EPA Hazardous Waste Code.

Note: For each waste stream, either EPA Hazardous Waste Code information (GM2) is REQUIRED or State Hazardous Waste Code information (GM3) is REQUIRED.

Field No.	Field Name	Starting Column	Field Length	Data Type	Description	Location on Form	Edit Number
1	HANDLER_ID	1	12	A	EPA ID Number	Site ID Block	GM2-010, GM2-030
2	HZ_PG	13	5	I	Page Number	Assigned by Respondent	
3	EPA_WASTE_CODE	18	4	A	EPA Hazardous Waste Code	GM-1-B	GM2-020
Total Record Length:			21				

GM2 Flat File Edit Specifications

Edit Number	Form Location	Edit Description	Select Logic
GM2-010	GM	GM2 record is present, but corresponding record does not exist in the GM1 file.	HANDLER_ID and HZ_PG in GM1 file
GM2-020	GM-1-B	EPA hazardous waste code must be an EPA waste code value specified in the <i>2007 Hazardous Waste Report, Instructions and Forms</i> .	EPA_WASTE_CODE = value specified in the <i>2007 Hazardous Waste Report, Instructions and Forms</i>
GM2-030	GM-1-B	EPA or State hazardous waste data must be provided.	HANDLER_ID and HZ_PG in GM1 file and in GM2 or GM3 file

FLAT FILE ID# - GM3

Source Form: GM **Description:** State Hazardous Waste Codes for each GM page

This file captures the information contained in Section 1, Block C of the GM form. The relationship of these data records to the reported waste is *n:1*, that is, there can be multiple State waste codes for each unique reported waste.

Key Fields: Handler ID Number (HANDLER_ID); Page Number (HZ_PG); State Hazardous Waste Code (WASTE_CODE). Each record in the GM3 file must contain a unique combination of the Handler ID Number, Page Number, and State Hazardous Waste Code.

Note: For each waste stream, either EPA Hazardous Waste Code information (GM2) is REQUIRED or State Hazardous Waste Code information (GM3) is REQUIRED.

Field No.	Field Name	Starting Column	Field Length	Data Type	Description	Location on Form	Edit Number
1	HANDLER_ID	1	12	A	EPA ID Number	Site ID Block	GM3-010, GM3-030
2	HZ_PG	13	5	I	Page Number	Assigned by respondent	
3	WASTE_CODE	18	6	A	State Hazardous Waste Code	GM-1-C	GM3-020
Total Record Length:			23				

GM3 Flat File Edit Specifications

Edit Number	Form Location	Edit Description	Select Logic
GM3-010	GM	GM3 record is present, but corresponding record does not exist in the GM1 file.	HANDLER_ID and HZ_PG in GM1 file
GM3-020	GM-1-C	Waste code must be registered with the RCRAInfo database.	WASTE_CODE = implementer defined state waste code in LU_WASTE_CODE
GM2-030	GM-1-B	EPA or State hazardous waste data must be provided.	HANDLER_ID and HZ_PG in GM1 file and in GM2 or GM3 file

FLAT FILE ID# - GM4

Source Form: GM **Description:** Off-Site Management Information for the Reported Waste on Each GM Page

This file captures off-site treatment information for the reported waste as represented in GM Section 3, Blocks B through D. The relationship of these data records to the reported waste is *n:1*, that is, there can be multiple off-site information for each unique reported waste.

Key Fields: Handler ID Number (HANDLER_ID); Page Number (HZ_PG); Off-site Sequence Number (IO_PG_NUM_SEQ). Each record in the GM4 file must contain a unique combination of the Handler ID Number, Page Number, and Off-site Sequence Number.

Note: The GM4 File is REQUIRED for handlers that generated RCRA hazardous waste that, in 2007, was shipped off-site for management.

Field No.	Field Name	Starting Column	Field Length	Data Type	Description	Location on Form	Edit Number
1	HANDLER_ID	1	12	A	EPA ID Number	Site ID Block	GM4-010
2	HZ_PG	13	5	I	Page Number	Assigned by Respondent	
3	IO_PG_NUM_SEQ	18	5	I	Off-site Sequence Number	GM-3 Site# Block	GM4-020
4	MANAGEMENT_METHOD	23	4	A	Off-site Management Method	GM-3-C	GM4-050
5	IO_TDR_ID	27	12	A	EPA ID No. of Off-site Facility Shipped to	GM-3-B	GM4-030
6	IO_TDR_QTY	39	18	D11.6	Total Quantity Shipped to EPA ID in Field 5 in Current Reporting Year	GM-3-D	GM4-040
Total Record Length:			56				

GM4 Flat File Edit Specifications

Edit Number	Form Location	Edit Description	Select Logic
GM4-010	GM	GM4 record is present, but corresponding record does not exist in the GM1 file.	HANDLER_ID and HZ_PG in GM1 file
GM4-020	GM - Assigned by respondent	Off-site code sequence number must be greater than zero.	IO_PG_NUM_SEQ > 0
GM4-030	GM-3-B	The off-site shipment handler EPA ID number must begin with a valid state postal code.	SUBSTR(IO_TDR_ID,1,2) = valid state postal code (see Appendix E)
GM4-040	GM-3-D	Total quantity shipped off-site in the reporting year must be greater than or equal to 0.000001 and less than or equal to 99,999,999,998.999999.	IO_TDR_QTY >= 0.000001 and <= 99999999998.999999
GM4-050	GM-3-C	The off-site management method must be a management method specified in the <i>2007 Hazardous Waste Report, Instructions and Forms</i> or blank.	MANAGEMENT_METHOD = management method specified in the <i>2007 Hazardous Waste Report, Instructions and Forms</i> or blank.

FLAT FILE ID# - GM5

Source Form: GM **Description:** On-site Management Information for the Reported Waste on Each GM Page.

This file captures on-site treatment information as contained in Section 2 of the GM form. The relationship of the data element to the reported waste is *n:1*, that is, there can be multiple on-site information for each unique reported waste.

Key Fields: Handler ID Number (HANDLER_ID); Page Number (HZ_PG); On-site Sequence Number (SYS_PG_NUM_SEQ). Each record in the GM5 file must contain a unique combination of the Handler ID Number, Page Number, and On-site Sequence Number.

Note: The GM5 File is REQUIRED for handlers that generated RCRA hazardous waste that, in 2007, was accumulated on-site or managed on-site in a treatment, storage, or disposal unit.

Field No.	Field Name	Starting Column	Field Length	Data Type	Description	Location on Form	Edit Number
1	HANDLER_ID	1	12	A	EPA ID Number	Site ID Block	GM5-010
2	HZ_PG	13	5	I	Page Number	Assigned by Respondent	
3	SYS_PG_NUM_SEQ	18	5	I	On-site Sequence Number	GM-2 System# Block	GM5-020
4	MANAGEMENT_METHOD	23	4	A	On-site Management Method	GM-2	GM5-040
5	SYS_TDR_QTY	27	18	D11.6	Quantity Treated, Disposed, or Recycled On-site in Current Reporting Year	GM-2	GM5-030
Total Record Length:			44				

GM5 Flat File Edit Specification

Edit Number	Form Location	Edit Description	Select Logic
GM5-010	GM	GM5 record is present, but corresponding record does not exist in the GM1 file.	HANDLER_ID and HZ_PG in GM1 file
GM5-020	GM - Assigned by respondent	On-site sequence number must be greater than zero.	SYS_PG_NUM_SEQ > 0
GM5-030	GM-2	Total quantity treated, disposed, or recycled on-site in the reporting year must be greater than or equal to 0.000001 and less than or equal to 99,999,999,998.999999.	SYS_TDR_QTY >= 0.000001 and <= 99999999998.999999
GM5-040	GM-2	The on-site management method must contain a management method specified in the <i>2007 Hazardous Waste Report, Instructions and Forms</i> .	MANAGEMENT_METHOD = value specified in the <i>2007 Hazardous Waste Report, Instructions and Forms</i>

FLAT FILE ID# - WR1

Source Form: WR **Description:** Received Waste Description and Measurement Information

This file captures the information contained in Block A and Blocks D through H of the WR form. The relationship of these data records to the reported site is *n:1*, that is, there can be multiple received waste for each site.

Key Fields: Handler ID Number (HANDLER_ID); Page Number (HZ_PG); Waste Number (SUB_PG_NUM). Each record in the WR1 file must contain a unique combination of Handler ID Number, Page Number, and Waste Number.

Note: The WR1 is REQUIRED for handlers who, during 2007, received RCRA hazardous waste from off-site.

Field No.	Field Name	Starting Column	Field Length	Data Type	Description	Location on Form	Edit Number
1	HANDLER_ID	1	12	A	EPA ID Number	Site ID Block	WR1-010
2	HZ_PG	13	5	I	Page Number	Assigned by Respondent	WR1-020
3	SUB_PG_NUM	18	1	I	Waste Number	Printed on Form	WR1-030
4	FORM_CODE	19	4	A	Form Code	WR-G	WR1-100
5	UNIT_OF_MEASURE	23	1	A	Unit of Measure (Pounds = '1', Short Tons = '2', Kilograms = '3', Metric Tonnes = '4', Gallons = '5', Liters = '6', Cubic Yards = '7')	WR-F	WR1-040, WR1-050
6	WST_DENSITY	24	6	D3.2	Density	WR-F	WR1-050, WR1-060
7	DENSITY_UNIT_OF_MEASURE	30	1	A	Density Unit of Measure (lbs/gal = '1', sg = '2')	WR-F	WR1-050
	OBSOLETE FIELD	31	1	A	Obsolete Field - must leave blank (formerly RCRA-Radioactive Mix)		
8	MANAGEMENT_METHOD	32	4	A	Management Method	WR-H	WR1-070
9	IO_TDR_ID	36	12	A	Off-site Source EPA ID Number	WR-D	WR1-080

FLAT FILE ID# - WR1

Source Form: WR **Description:** Received Waste Description and Measurement Information

This file captures the information contained in Block A and Blocks D through H of the WR form. The relationship of these data records to the reported site is *n:1*, that is, there can be multiple received waste for each site.

Key Fields: Handler ID Number (HANDLER_ID); Page Number (HZ_PG); Waste Number (SUB_PG_NUM). Each record in the WR1 file must contain a unique combination of Handler ID Number, Page Number, and Waste Number.

Note: The WR1 is REQUIRED for handlers who, during 2007, received RCRA hazardous waste from off-site.

Field No.	Field Name	Starting Column	Field Length	Data Type	Description	Location on Form	Edit Number
10	IO_TDR_QTY	48	18	D11.6	Quantity Received in Current Reporting Year	WR-E	WR1-090
11	INCLUDE_IN_NATIONAL_REPORT	66	1	A	Include Information in the National Hazardous Waste Report (Yes = 'Y', No = 'N')		WR1-110
12	DESCRIPTION	67	240	A	Waste Stream Description	WR-A	
13	NOTES	307	240	A	Comments/Notes	Bottom of WR Form	
Total Record Length:			546				

WR1 Flat File Edit Specifications

Edit Number	Form Location	Edit Description	Select Logic
WR1-010	WR	WR1 record is present, but corresponding record does not exist in the SI1 file.	HANDLER_ID in SI1 file
WR1-020	WR	Page number must be greater than zero.	HZ_PG > 0
WR1-030	WR	Sub-page number must equal '1', '2', or '3'.	SUB_PG_NUM = '1' or '2' or '3'
WR1-040	WR-F	Generated quantity unit of measure must equal '1', '2', '3', '4', '5', '6', or '7'.	UNIT_OF_MEASURE = '1' or '2' or '3' or '4' or '5' or '6' or '7'
WR1-050	WR-F	If the generated quantity unit of measure is '5', '6' or '7' then density must be greater than zero and density unit of measure must be 1 or 2.	If UNIT_OF_MEASURE = '5', '6', or '7' Then WST_DENSITY > 0 AND DENSITY_UNIT_OF_MEASURE = 1 or 2
WR1-060	WR-F	Waste density must be greater than or equal to 0.01 and less than or equal to 999.99, or equal to 0.	WST_DENSITY >= 0.01 and <= 999.99 or WST_DENSITY = 0
WR1-070	WR-H	Management method code must be a management method specified in the <i>2007 Hazardous Waste Report, Instructions and Forms</i> .	MANAGEMENT_METHOD = value specified in the <i>2007 Hazardous Waste Report, Instructions and Forms</i>
WR1-080	WR-D	The first two characters of the off-site handler EPA ID number must be a valid postal code (see Appendix E) or 'FC' (foreign country).	SUBSTR(IO_TDR_ID,1,2) = valid postal code (see Appendix E) or 'FC'
WR1-090	WR-E	Total quantity received in the reporting year must be greater than or equal to 0.000001 and less than or equal to 99,999,999,998.999999.	IO_TDR_QTY >= 0.000001 and <= 99999999998.999999
WR1-100	WR-G	The form code must be a form code specified in the <i>2007 Hazardous Waste Report, Instructions and Forms</i> or blank.	FORM_CODE = value specified in the <i>2007 Hazardous Waste Report, Instructions and Forms</i> or ''
WR1-110		If Include in National Report in the SI1 file equals 'N' then Include in National Report must be 'N'. If Include in National Report in the SI1 file equals 'Y' then Include in National Report must be 'Y' or 'N'.	If INCLUDE_IN_NATIONAL_REPORT = 'N' in the SI1 file Then INCLUDE_IN_NATIONAL_REPORT = 'N' Else INCLUDE_IN_NATIONAL_REPORT = 'Y' or 'N'

FLAT FILE ID# - WR2

Source Form: WR **Description:** EPA Hazardous Waste Codes for Each Reported Waste Received

This file contains the EPA hazardous waste codes for each WR form page as described in Form WR, Block B. The relationship of these data records to the reported waste is *n:1*, that is, there can be multiple EPA waste codes for each unique reported waste.

Key Fields: Handler ID Number (HANDLER_ID); Page Number (HZ_PG); Waste Number (SUB_PG_NUM); EPA Hazardous Waste Code (EPA_WASTE_CODE). Each record in the WR2 file must contain a unique combination of the Handler ID Number, Page Number, Waste Number, and EPA Hazardous Waste Code.

Note: For each waste stream, either EPA Hazardous Waste Code information (WR2) is REQUIRED or State Hazardous Waste Code information (WR3) is REQUIRED.

Field No.	Field Name	Starting Column	Field Length	Data Type	Description	Location on Form	Edit Number
1	HANDLER_ID	1	12	A	EPA ID Number	Site ID Block	WR2-010, WR2-030
2	HZ_PG	13	5	I	Page Number	Assigned by Respondent	WR2-010, WR2-030
3	SUB_PG_NUM	18	1	I	Waste Number	Printed on Form	WR2-010, WR2-030
4	EPA_WASTE_CODE	19	4	A	EPA Hazardous Waste Code	WR-B	WR2-020
Total Record Length:			22				

WR2 Flat File Edit Specifications

Edit Number	Form Location	Edit Description	Select Logic
WR2-010	WR	WR2 record is present, but corresponding record does not exist in the WR1 file.	HANDLER_ID, HZ_PG, and SUB_PG_NUM in WR1 file
WR2-020	WR-B	EPA hazardous waste code must be an EPA waste code specified in the <i>2007 Hazardous Waste Report, Instructions and Forms</i> .	EPA_WASTE_CODE = value specified in the <i>2007 Hazardous Waste Report, Instructions and Forms</i>
WR2-030	WR-B	EPA or State hazardous waste data must be provided.	HANDLER_ID, HZ_PG, and SUB_PG_NUM in WR1 file and in WR2 or WR3 file

FLAT FILE ID# - WR3

Source Form: WR **Description:** State Hazardous Waste Codes for Each Reported Waste Received

This file contains the State hazardous waste codes for each WR form page as described in Form WR, Block C. The relationship of these data records to the reported waste is n:1, that is, there can be multiple State waste codes for each unique reported waste.

Key Fields: Handler ID Number (HANDLER_ID); Page Number (HZ_PG); Waste Number (SUB_PG_NUM); State Hazardous Waste Code (WASTE_CODE). Each record in the WR3 file must contain a unique combination of the Handler ID Number, Page Number, Waste Number, and State Hazardous Waste Code.

Note: For each waste stream, either EPA Hazardous Waste Code information (GM2) is REQUIRED or State Hazardous Waste Code information (GM3) is REQUIRED.

Field No.	Field Name	Starting Column	Field Length	Data Type	Description	Location on Form	Edit Number
1	HANDLER_ID	1	12	A	EPA ID Number	Site ID Block	WR3-010, WR3-030
2	HZ_PG	13	5	I	Page Number	Assigned by Respondent	WR3-010, WR3-030
3	SUB_PG_NUM	18	1	I	Waste Number	Printed on Form	WR3-010, WR3-030
4	WASTE_CODE	19	6	A	State Hazardous Waste Code	WR-C	WR3-020
Total Record Length:			24				

WR3 Flat File Edit Specifications

Edit Number	Form Location	Edit Description	Select Logic
WR3-010	WR	WR3 record is present, but corresponding record does not exist in the WR1 file.	HANDLER_ID, HZ_PG, and SUB_PG_NUM in WR1 file
WR3-020	WR-B	Waste code must be registered with the RCRAInfo database.	WASTE_CODE = implementer defined value in LU_WASTE_CODE
WR3-030	WR-B	EPA or State hazardous waste data must be provided.	HANDLER_ID, HZ_PG, and SUB_PG_NUM in WR1 file and in WR2 or WR3 file

FLAT FILE ID# - OI1

Source Form: OI **Description:** Identification of All Handlers to Whom or From Whom Waste was Shipped, and Transporters

This file captures information from the OI form. *This flat file should never be included in submissions to RCRAInfo.*

Key Fields: Handler ID Number (HANDLER_ID); Page Number (OSITE_PGNUM). Each record in the OI1 file must contain a unique combination of EPA ID Number and Page Number.

Field No.	Field Name	Starting Column	Field Length	Data Type	Description	Location on Form	Edit Number
1	HANDLER_ID	1	12	A	EPA ID Number	Site ID Block	
2	OSITE_PGNUM	13	5	I	Page Number	Assigned by Respondent	
3	OFF_ID	18	12	A	Off-site Installation or Transporter EPA ID Number	OI-A	
4	WST_GEN_FLG	30	1	A	Handler Type = Generator (Checked = 'Y', Unchecked and not implementer required = 'U', Unchecked and implementer required = 'N')	OI-C	
5	WST_TRNS_FLG	31	1	A	Handler Type= Transporter (Checked = 'Y', Unchecked and not implementer required = 'U', Unchecked and implementer required = 'N')	OI-C	
6	WST_TSDR_FLG	32	1	A	Handler Type = TSDR (Checked = 'Y', Unchecked and not implementer required = 'U', Unchecked and implementer required = 'N')	OI-C	
7	ONAME	33	40	A	Name of Off-site Installation or Transporter	OI-B	
8	O1STREET	73	30	A	1st Street Address Line of Installation or Transporter	OI-D	
9	O2STREET	103	30	A	2nd Street Address Line of Installation or Transporter	OI-D	
10	OCITY	133	25	A	City	OI-D	

FLAT FILE ID# - OI1

Source Form: OI **Description:** Identification of All Handlers to Whom or From Whom Waste was Shipped, and Transporters

This file captures information from the OI form. *This flat file should never be included in submissions to RCRAInfo.*

Key Fields: Handler ID Number (HANDLER_ID); Page Number (OSITE_PGNUM). Each record in the OI1 file must contain a unique combination of EPA ID Number and Page Number.

Field No.	Field Name	Starting Column	Field Length	Data Type	Description	Location on Form	Edit Number
11	OSTATE	158	2	A	State	OI-D	
12	OZIP	160	9	A	Zip Code	OI-D	
13	NOTES	169	240	A	Comments/Notes	Bottom of OI Form	
Total Record Length:			408				