

## RCRAInfo Data Elements Included in the ECHO Data Download

The Integrated Data for Enforcement Analysis (IDEA) system incorporates data from the Resource Conservation and Recovery Act Information (RCRAInfo) System. The RCRAInfo data elements most commonly used for enforcement and compliance history have been included in the download files.

### 1. RCRAInfo Description

RCRAInfo is the national program management and inventory system of Resource Conservation and Recovery Act (RCRA) hazardous waste handlers. Handlers fit one or more of the following categories: treatment, storage and disposal facilities (TSDFs), large quantity generators (LQGs), small quantity generator (SQGs), and transporters. RCRAInfo contains the following information:

- General information on all handlers (e.g., name, address, activity type);
- Permitting and corrective action program status, and Standard Industrial Classification (SIC) code information for TSDFs only;
- Enforcement and compliance actions for specific facilities, regardless of type, which have been subject to inspections or other enforcement activity, including violations and penalties.

States and regions populate RCRAInfo with data necessary for their program implementation. The relevant data for national program oversight and management are contained in the RCRAInfo national oversight database from which IDEA extracts its data. Only a subset of data elements from RCRAInfo are incorporated into IDEA and a subset of these are provided in the download format. Handlers included in the download file are those which have a record of identifying information contained in the Handler Reporting Universe table (rcr\_hreport\_univ). This document contains a list of these data elements, as well as definitions. The data element table in Section 2 presents the RCRAInfo data elements in related groups.

## 2. RCRAInfo Data Download File Structure

Six pipe (|) delimited text files comprise the data download. Data were selected based on a single criterion: that handler records were part of the Handler Reporting Universe table (rcr\_hreport\_univ). The files contain repeating data fields, which will cause records to repeat the key field(s), e.g. ID, where a handler has multiple values of the repeating field(s).

RCRAINFO Data Elements (by group)			
Element	Alpha/Num/ Date	Length	Description
<b>Facility (RCR01.TXT 985,694 records)</b>			
ID	A	12	Handler ID
NAME	A	40	Handler Name
ACT_LOC	A	2	Activity Location
FULLENF	A	5	Full Enforcement
HRPTUN	A	1	Hreport_univ Record
LOCST1	A	30	Location Street 1
LCITY	A	25	Location City
LSTATE	A	2	Location State
LZIP9	N	10	Location ZIP plus 4
LATD	N	6	Latitude
LONG	N	7	Longitude
FGENSTA	A	3	Federal Waste Generator Status
TRANS	A	1	Transporter Activity
ACTSITE	A	5	Active site
<b>Enforcement (RCR02.TXT 323,611 records)</b>			
ID	A	12	Handler ID
ACT_LOC	A	2	Activity Location
ENFSEQ	A	3	Enforcement Action Sequence Number
ENFTYPE	A	5	Enforcement Action Type
TEXT(ENFTYPE)	A		Enforcement Action Type - Description
ENFAGN	A	1	Enforcement Responsible Agency
EDATE	N	8	Enforcement Action Date (YYYYMMDD)
PMP_AMT	N	9	Proposed Monetary Penalty
FMP_AMT	N	9	Final Monetary Penalty Assessed
FSC_AMT	N	9	Final SEP Cost
SCR_AMT	N	9	SEP Credit
<b>Evaluations (RCR03.TXT 791,282 records)</b>			
ID	A	12	Handler ID
ACT_LOC	A	2	Activity Location
EVALSEQ	A	3	Evaluation Sequence Number
ETYPE	A	5	Evaluation Type
ETYPE_TXT	A		Evaluation Type - Description
EVALAGN	A	1	Responsible Agency
EVALDTE	D	10	Evaluation Date
EVIOFND	A	1	Found Violation
<b>Events-Violations (RCR04.TXT 712,250 records)</b>			
ID	A	12	Handler ID
ACT_LOC	A	2	Activity Location
VTYPE	A	7	Violation Type
VTYPE_TXT	A		Violation Type - Description
CEVDETB	A	1	Determined-by agency
VDTEDET	D	10	Date Violation Determined
VACTDTE	D	10	Actual Return to Compliance Date
VSCHLST	D	10	Scheduled Compliance Date – Latest
<b>NAICS (RCR05.TXT 451,733 records)</b>			
ID	A	12	Handler ID
ACT_LOC	A	2	Activity Location
NAISEQ	N	2	NAICS Sequence Number
NAICSCD	N	8	NAICS Code
<b>NC/SNC History (RCR06.TXT 2,435,382 records)</b>			
ID	A	12	Handler ID
ACT_LOC	A	2	Activity Location
HMONTH	N	6	Year and Month (YYYYMM)
HISNC	N	2	Historical SNC Indicator
HINC	N	2	Historical NC Indicator

### 3. RCRAInfo Data Element Dictionary

The following is a list of the data elements and RCRAInfo-derived elements that appear in IDEA–RCRAInfo download.

#### **Facility Information File**

**ID** (EPA Handler ID) A unique RCRA identification number assigned by the implementing State or Region to each RCRA site (e.g., generators; transporters; and treatment, storage, disposal facilities). The ID can be a minimum of 4 characters and a maximum of 12 characters. The first two characters must be a valid state postal code which corresponds to the state in which the handler is located. Handlers associated with Navajo Nation should be assigned Handler IDs beginning with 'NN' regardless of where the handler is physically located.

**NAME** (Handler Name) A field (up to 40 characters) that contains the official or legal name of the handler.

**ACT\_LOC** (Activity Location) State postal code that indicates the location of the agency regulating the handler.

**LOCST1** (Location Street 1) - First line of the street address, route number, or other specific identifier describing the physical address of the primary site entrance.

**LCITY** (Location City) The first line of the street address route number, or other specific identifier describing the physical location of the handler.

**LSTATE** (Location State) The two-letter postal code for the State in which the handler is located.

**LZIP9** (Location ZIP plus 4) - The zip code in which the handler is physically located.

**LATD** (Latitude) Latitude of the site location expressed in decimal degrees, representing the degrees, minutes, and seconds of latitude.

**LONG** (Longitude) Longitude of the site location expressed in decimal degrees, representing the degrees, minutes, and seconds of longitude.

**HRPTUN** (Handler Reporting Universe) Indicates that handler data are included in the RCR\_HREPORT\_UNIV (RCRAInfo Handler Reporting Universe) table (null/missing = yes, n = not included). This table contains detailed identifying and qualifying information about the handler.

**FULLENF** (Full Enforcement Universe) The Full Enforcement Universe includes each TSDF that could potentially undergo a Compliance and Evaluation Inspection (CEI) to be evaluated for compliance with the applicable TSDF requirements found in 40 CFR Parts 264/265 and/or authorized State equivalents. Not every facility in this universe will undergo an annual inspection. This universe includes both currently operating TSDFs as well as closed but not yet certified closed TSDFs. The universe is split into five (5) sub-universes indicating type of TSD: Land Disposal (L), Incinerator (I), Boiler/Industrial Furnace, *a.k.a.* BIF (B), Storage (S), and Treatment (T). Valid

values of FULLENF are any combination of L, I, B, S, and/or T. A handler represented in all five of these sub-universes would have a FULLENF value of "LIBST."

**TRANS** (Transporter activity) Indicates the handler is engaged in the transportation of hazardous waste. Valid values are yes (Y) or no (null/blank).

**FGENSTA** (Federal Waste Generator Status ) Code indicating the regulatory status of the site with respect to the Federal rules to which it is subject as determined by the quantity and/or toxicity of hazardous wastes generated, stored, or accumulated over a specified period of time. Valid values are "1" (Large Quantity Generator), "2" (Small Quantity Generator), "3" (Conditionally Exempt Small Quantity Generator) or "null/blank" (not provided).

**ACTSITE** (Active Site Indicator) – An indicator based on the information currently in the RCRAInfo database, that there may be an activity on a site that could be subject to the federal RCRA, Subtitle C, or to a state's authorized hazardous waste program. This definition has no legal significance and does not constitute a legally enforceable or binding determination about the status of a particular site or the obligations of an owner or operator. Valid values are:

Code	Description
H	Handler Activities - activities found on the federal SI form or a state equivalent form)except TSD and "Other" Universal Waste.
P	Permitting Activities - the site has at least one unit that is Active Site Federally Regulated TSDF.
A	Corrective Action Activities - the site is in the Corrective Action Workload Universe.
C	Converter - the site has at least one unit that has a Converted ("CV") Legal and Operating Status.
S	State-Specific Activities - site has state-defined activities in the Permitting or Handler module the State wants included in the activity status calculation.
null	Not in the universe.

## Enforcement File

**EDATE** (Enforcement Action Date) Indicates the date (MM/DD/YYYY) that the enforcement action (ENFTYPE) was issued. For all formal actions involving written documents, the date should be the date the document was signed. For an informal action, the date should reflect the date the handler received actual notification.

**ENFAGN** (Enforcement Responsible Agency) A code representing the agency responsible for issuing the enforcement action. Valid values are "E" (EPA), or "S" (State).

**ENFSEQ** (Enforcement Action Sequence Number) A three digit number used to uniquely identify multiple occurrences of an enforcement action.

**ENFTYPE** (Enforcement Action Type) A code that identifies the type of action being taken against a handler. TEXT(ENFTYPE) provides the textual description of the ENFTYPE code.

**HQPMP** (Proposed Monetary Penalty) The amount of the total penalty in dollars proposed in an initial enforcement action. This derived field represents the value of EPENAMT (Penalty amount assessed) where EAMTTYP (Penalty Type Code) = "PMP."

**HQFMP** (Final Monetary Penalty) The amount of the total penalty in dollars that a site named in an enforcement action must pay directly to the responsible agency (for consent agreements with SEP, this amount does not include SEP credits). This derived field represents the value of EPENAMT (Penalty amount assessed) where EAMTTYP (Penalty Type Code) = "FMP."

**HQFSC** (Final SEP Cost) The amount referenced in an enforcement action, at the issuance of the agreement, as the cost in dollars to the site of a supplemental environmental project. This amount is used as the basis to determine how much of the cost may be applied as a SEP Credit (SCR) to offset a portion of a penalty. This derived field represents the value of EPENAMT (Penalty amount assessed) where EAMTTYP (Penalty Type Code) = "FSC."

**HQSCR** (SEP Credit) The actual or estimated credit in dollars allowed by the agency for the completed SEP and applied towards the total final settlement amount. This is the dollar amount used as an offset to the actual penalty amount and usually represents only a portion of the actual cost (or Final SEP Cost) of the SEP. This derived field represents the value of EPENAMT (Penalty amount assessed) where EAMTTYP (Penalty Type Code) = "SCR."

## **Evaluations File**

**EVALSEQ** (Evaluation Sequence Number) A three digit number used to uniquely identify an evaluation action.

**ETYPE** (Evaluation Type) A three-character code used to report the type of evaluation conducted at the handler site. TEXT(ETYPE) provides the textual description of the ETYPE code.

**EVALAGN** (Evaluation Responsible Agency) A one character code indicating the agency responsible for conducting the evaluation. Valid code values are:

Code	Description
B	State Contractor/Grantee
C	EPA Contractor/Grantee
E	EPA
L	Local
N	Native American
S	State
T	State-Initiated Oversight/Observation/Training Actions
X	EPA-Initiated Oversight/Observation/Training Actions

**EVALDTE** (Evaluation Date) A field that contains the date (MM/DD/YYYY) of the evaluation. The evaluation date is the first day of the inspection or record review regardless of the duration of the inspection.

**EVIOFND** (Found violation) A one character field indicating whether violations were identified as a result of the evaluation. Values are "Y" (Yes), "U" (Undetermined), and null/blank (No).

## **Events-Violations File**

**VTTYPE** (Violation Type) Code indicating the specific area of the RCRA portions of the Federal Code of Regulations covered by the evaluation and/or found to be in violation with RCRA regulations or statutes. Areas generally correspond to subparts of CFR 40: Part 262 for generators, 263 for transporters, and 264/265 for TSDs. VTYPE\_TXT provides the textual description of the VTYPE code.

**CEVDETB** (Agency Which Determined Violation) The agency that actually determined the violation. Valid values are “E” (EPA), or “S” (State).

**VDTEDET** (Date Violation Was Determined) The date (MM/DD/YYYY) that a determination is made that the violation exists. This is not necessarily the same date as the date of the inspection or evaluation; for example, when the agency receives sample results or a legal determination.

**VACTDTE** (Actual Return to Compliance Date) The date (MM/DD/YYYY) the agency determines that the handler demonstrated full physical compliance (the date compliance was verified). The handler will be considered to be out-of-full-physical-compliance until VACTDTE has been determined. VACTDTE does not necessarily mean that all enforcement actions are completed for this violation. For violations of omission (such as not manifesting a load of waste), the VACTDTE is the date of a written commitment by the handler to comply in the future or the day of conviction in a criminal action. Penalty payment is not a condition of full physical compliance; however if non-payment is the only violation then the VACTDTE is the date that payment is received. Because of the verification requirement, VACTDTE will rarely match the Scheduled Compliance Date (VSCHLST).

**VSCHLST** (Scheduled Compliance Date – Latest) The date (MM/DD/YYYY) by which the handler is to submit to the agency its documentation that the violation has been brought into compliance. Scheduled response dates are specified in enforcement actions as the compliance schedule. If a number of activities are to be performed according to a compliance schedule with more than one date, VSCHLST represents the date of the last action to be taken by the handler to return to compliance.

## **NAIC Codes File**

**NAISEQ** (NAICS Sequence Number) A four-digit sequential number used to order multiple North American Industry Classification (NAIC) codes. The primary industrial activity should be provided as the first NAICS code (NAICS Sequence Number = 1).

**NAICSCD** (NAICS Code) The industrial activity of the facility as defined by a standard industrial coding system. The North American Industry Classification System (NAICS) replaced the U.S. Standard Industrial Classification (SIC) system in 1997.

## **NC/SNC History File**

**HMONTH** (History Year and Month) A six-digit number representing the year and month for which significant noncompliance (SNC) and noncompliance (NC) status values are captured. The format is YYYYMM.

**HISNC** (Historical SNC Indicator) A two character derived value indicating whether a handler has unresolved significant noncompliance violations, as of the HMONTH value. Values present are: '4B' and '5.' Either value has the same meaning; differences are based on the SNC determination date and have no other significance.

**HINC** (Historical NC Indicator) A two character derived value indicating whether a handler has unresolved noncompliance violations (not identified as SNC), as of the HMONTH value. Values present are: '0', '1', '2', '3', '4A', and '4C.' All values have the same meaning; differences are based on the VDTEDET (Date Violation Was Determined) of the unresolved violation at the time of the derivation, and have no other significance.