

**Emergency Planning & Community
Right - To - Know Act
(EPCRA) Section 313**



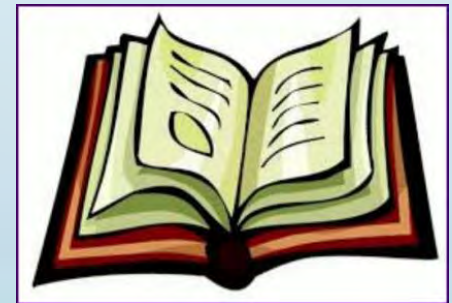
Dr. Morton E. Wakeland, Jr. (“Mort”)

Historical Overview

The Emergency Planning and Community Right-to-Know Act (EPCRA – pronounced “ep – kra” – short “a”) was enacted as part of the Superfund Amendments and Reauthorization Act of 1986 (aka SARA Title III). President Ronald Reagan signed into law on October 17, 1986.

Final rule was published February 16, 1988
(53 Fed. Reg. 4500)

Reports were first due for the 1987 calendar year on or before July 1, 1988, and yearly thereafter.



Disastrous basis for EPCRA



BHOPAL GAS TRAGEDY (2-3 DEC 1984)

Which took the lives of 20,000 people

The 1984 Bhopal gas disaster

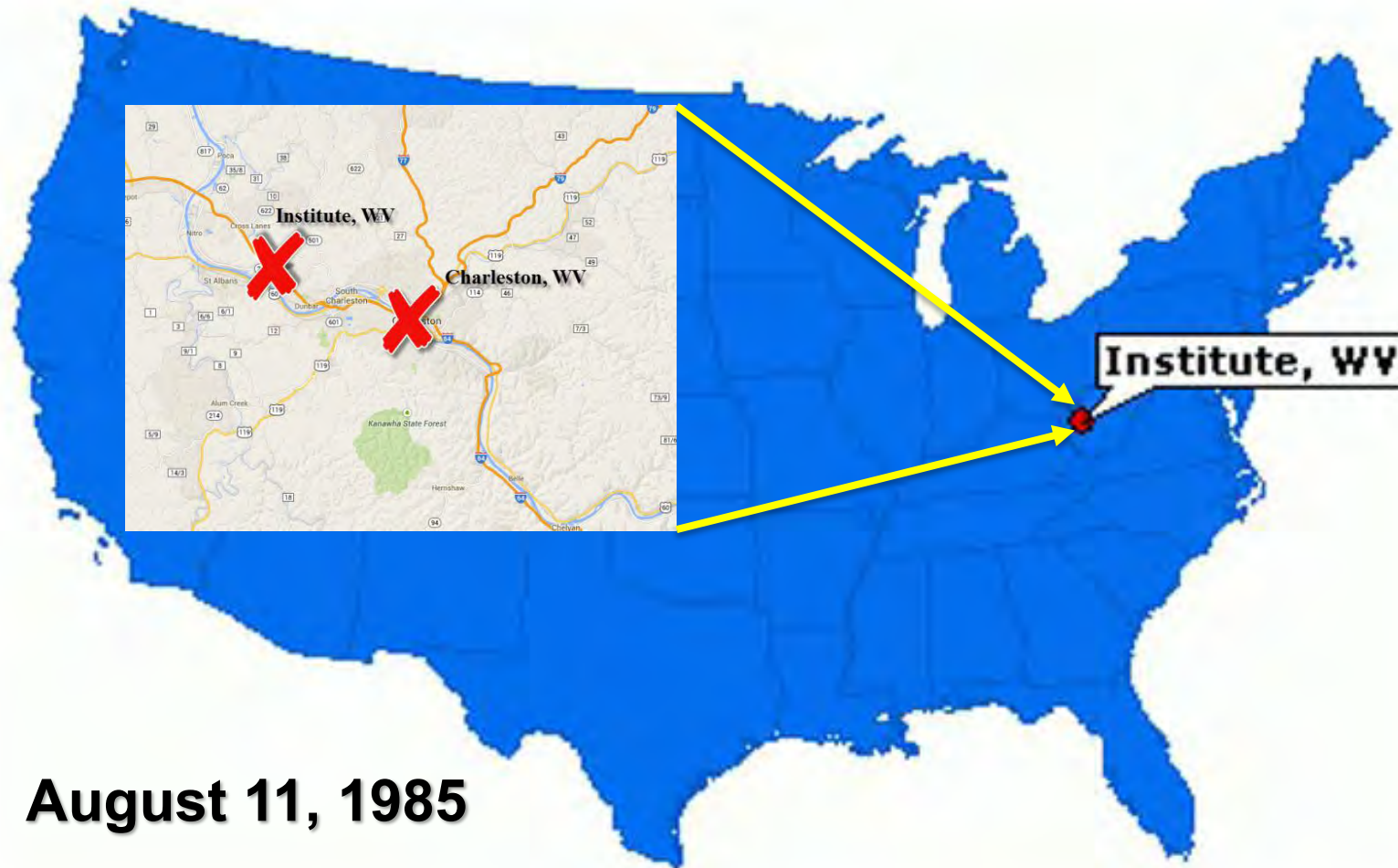
The human cost (estimates)

- ▶ Up to 10,000 deaths in first three days
- ▶ Additional 25,000 people died of related injuries by 1994

December 3, 1984
A cloud of methyl isocyanate gas leaks from the Union Carbide pesticide plant



Closer to home, and a few months later...



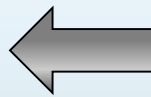
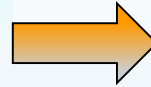
August 11, 1985

5 MAJOR PROVISIONS OF EPCRA

- Emergency Planning (sections 301 - 303)
- Emergency Release Notification (section 304)
- Community Right-to-Know Reporting (sections 311 - 312)
- **Toxic Release Inventory (TRI) Reporting (Section 313 of EPCRA)**
- Miscellaneous Provisions (sections 321 - 329)

REMEMBER!!

EPCRA § 313 is the law.
(42 U.S.C. § 11023)
Regs (40 C.F.R. § 372)



TRI is the *main* database where the data collected, pursuant to the law, resides. EPA websites make the data available to *everyone!*

What is the Toxics Release Inventory (TRI)?

- TRI maintains data submitted by industry on releases and waste management of toxic chemicals from certain facilities on a yearly basis.
- TRI collects information on:



Releases



Waste transfers



Recycling



Pollution prevention

Who Has to Report to TRI?

- Facility must be in a covered ***primary*** industry sector or category NAICS code, including **Federal Facilities** (*excluded from NAICS*):



Manufacturing



**Coal/Oil
electricity
generation**



**Certain Mining
Facilities**



**Hazardous
Waste
Management**



Federal Facilities

- Primary***, associated with the process resulting in most revenue
- Facility must have at least 10 full-time employees or the equivalent of 20,000 hours worked in the year...
- Facility must “manufacture, process or otherwise use” more than a threshold amount (pounds) of a TRI toxic chemical in a year

(NOTE: ALL 3 REQUIREMENTS MUST BE MET YEARLY)

Original SIC codes covered under EPCRA § 313

In the original law, 42 USC § 11023 (b)(1)(A):

- SIC code = Standard Industrial Classification code (maximum 4 digits)
- Major Group codes 20 – 39 (Manufacturing) covered in law
- In actuality this meant any facility within SIC codes 2000 - 3999

Addendum to SIC codes 2000 – 3999

Effective for Reporting Year (RY) 1998, 7 sectors, outside the above SIC code range, were added to TRI reporting obligations:

- SIC Code 10 (except 1011, 1081, 1094) Metal Mining
- SIC Code 12 (except 1241) Coal Mining
- SIC Codes 4911, 4931, 4939 Electric Generating Facilities (oil or coal)
- SIC Code 4953 Hazardous Waste TSDF's

Addendum to SIC codes 2000 – 3999 *continued*

and

- SIC Code 5169 Chemical Wholesale Distributors
- SIC Code 5171 Bulk Petroleum Wholesale Distributors
- SIC Code 7389 Solvent Recyclers

North American Industry Classification System

- Abbreviated **NAICS** – rhymes with “snakes”
- Maximum of 6 digits vs 4 digit SIC codes, more descriptive of process
- NAICS codes adopted by the U.S. Government in 1997
- U.S. EPA, i.e., TRI Program, adopted NAICS codes for TRI Reporting, for the **2006 RY (Reporting Year)**, reports due on or before July 1, 2007
- All originally covered SIC codes are necessarily converted to “covered” NAICS codes
- There may be exceptions, call to discuss.....

An Important Exemption: *De minimis*

- For non-PBT's in a material that are below ***de minimis*** concentrations
- Realize that the ***de minimis exemption*** is only applicable for the activities of “processing and otherwise using”
- The ***de minimis exemption*** does not apply to “manufacturing” or to the class of TRI chemicals known as PBT's
- Therefore, if metals exist in a material, at below ***de minimis*** levels, do not necessarily think they are exempt from reporting
- If a new metal compound is “coincidentally manufactured” as a result of the processes at the facility, the quantities of the metal compounds must be tabulated toward threshold

De minimis and PBT's

- If the concentration of the PBT chemical is **< 0.1% (carcinogen)** or **< 1.0% (non-carcinogen)** the TRI chemical does not have to be identified on the MSDS (SDS); **HOWEVER**,
- For reporting purposes, there is no ***de minimis exemption*** for PBT's, regardless if the PBT is listed on the MSDS (SDS) or not!
- NOTE: The MSDS (SDS) is not the sole source for determining chemical constituents and their respective concentrations in a product
- If chemical analyses are conducted to determine chemical(s) present and their respective concentrations, if zero (0) is detected, **DOES NOT NECESSARILY MEAN THE CHEMICAL IS NOT PRESENT.**

Observations...compounds

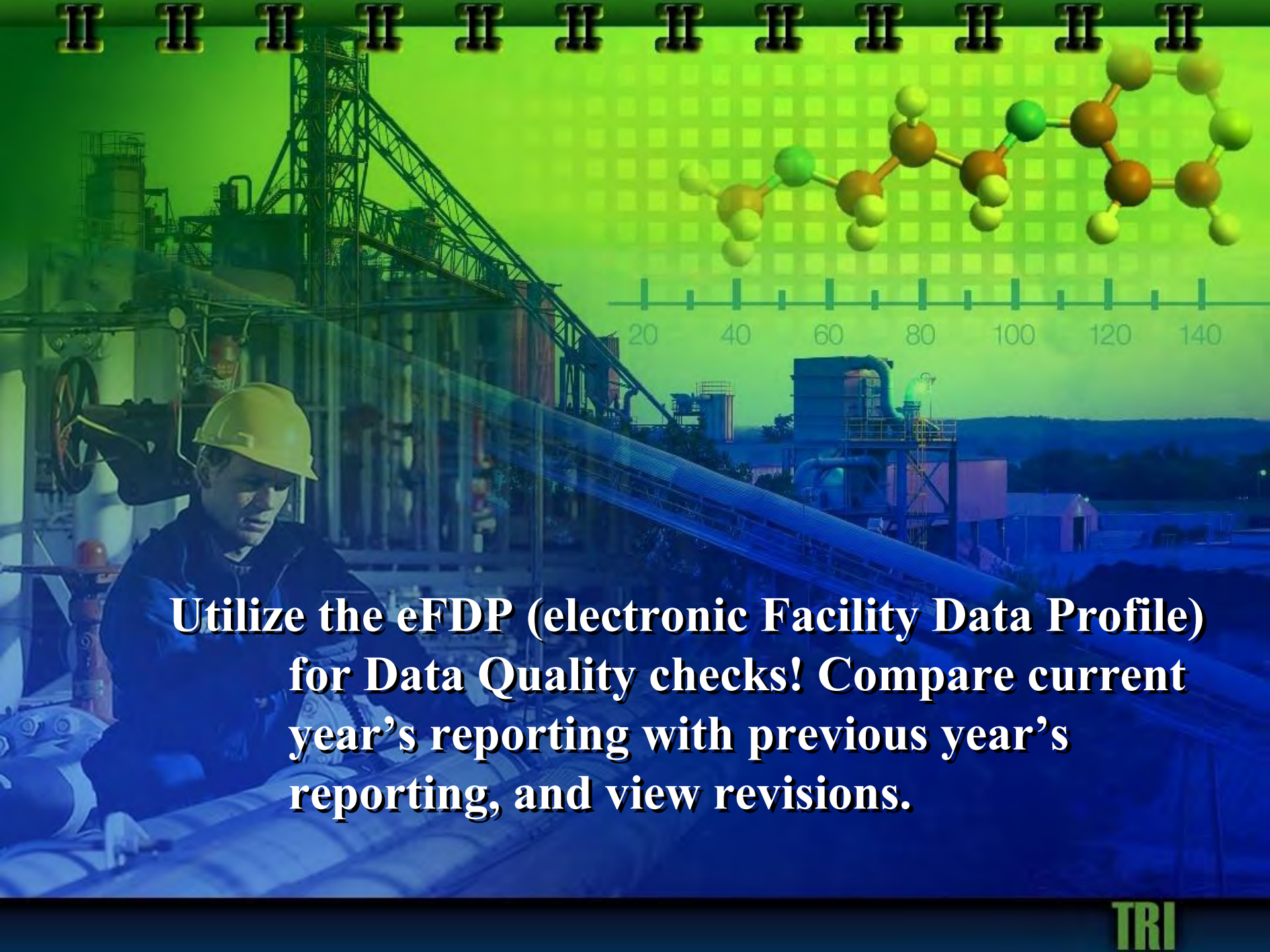
- If threshold is exceeded for both an elemental metal and compounds of the same elemental metal, a facility can report for BOTH the elemental metal and the metal compounds on the metal compound form. OPTIONAL
- If nitrate compounds were reported, was this from “coincidental manufacturing,” resulting from the neutralization of nitric acid with sodium hydroxide? If so, did nitric acid exceed threshold?

Observations...Form R vs shorter Form A

- A facility must meet two (2) conditions to utilize the shorter Form A (2 “pages” vs 6+ “pages” for the Form R):
 1. The facility did not *manufacture, process or otherwise use* more than 1,000,000 pounds of the TRI chemical in the reporting year in question,

AND


2. The facility did not exceed 500 pounds for the ***Annual Reportable Amount (ARA)***. The **ARA** = the \sum § 8.1 - § 8.7



Utilize the eFDP (electronic Facility Data Profile) for Data Quality checks! Compare current year's reporting with previous year's reporting, and view revisions.


Access the eFDP through your CDX account

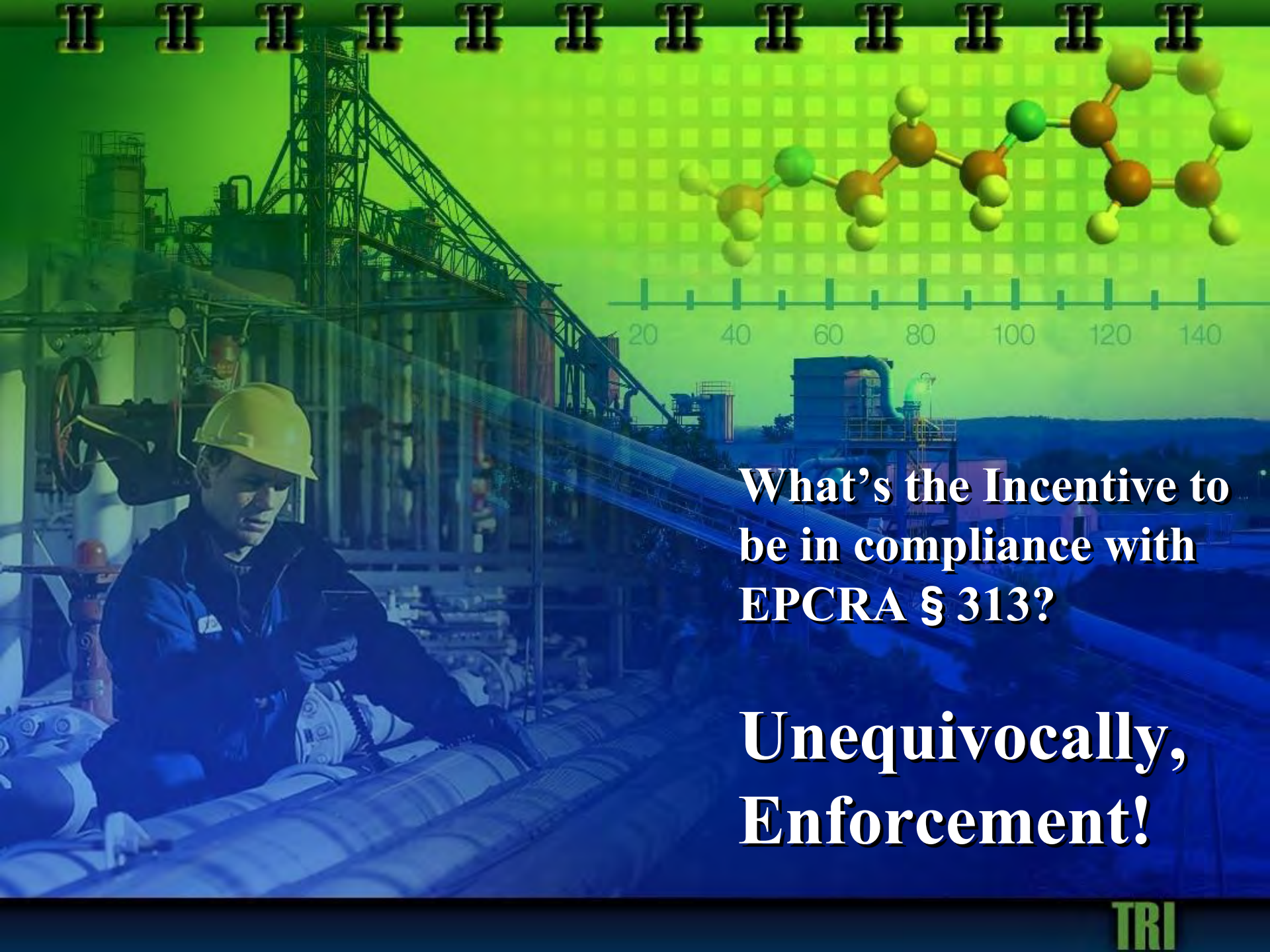
TRI-MEweb Application - Internet Explorer

 TRI-ME_{WEB}

Welcome My Facilities **Prepare** Validate Transmit Review **eFDP**

Welcome | Do I Need to Report? | Introduction | Important Information for RY 2014 | TRI-MEweb Enhancements

 **Welcome to TRI-MEweb!**



**What's the Incentive to
be in compliance with
EPCRA § 313?**

**Unequivocally,
Enforcement!**

**GRAVITY-BASED PENALTY MATRIX FOR EPCRA § 313
(Effective for the 2008 calendar year to date)**

CIRCUMSTANCE LEVEL	EXTENT		
	A MAJOR	B SIGNIFICANT	C MINOR
LEVEL 1	\$37,500	\$24,080	\$7,090
LEVEL 2	\$28,330	\$18,429	\$4,250
LEVEL 3	\$21,250	\$14,170	\$2,130
LEVEL 4	\$14,170	\$8,500	\$1,420
LEVEL 5	\$7,090	\$4,250	\$710
LEVEL 6	\$2,800	\$1,850	\$290



WHAT'S NEW FOR TRI REPORTING?

WHERE IS TRI HEADING?

TRI

TRI Workshops for the 2015 Reporting Year (RY)

-
- TENTATIVELY, REGION 6 WILL TRY TO PROVIDE **FREE** TRI WORKSHOPS FOR THE 2015 REPORTING YEAR
 - THE MARCH - APRIL - MAY 2016 TIME FRAME
 - UNFORESEEN CIRCUMSTANCES WILL LIMIT THE NUMBER OF CLASSES, AS WELL AS THE LOCATIONS (REGION 6 HQ'S ONLY)

The background of the slide features a composite image. On the left, a worker in a yellow hard hat and blue jacket is looking at a tablet in an industrial setting. On the right, a molecular model of a hydrocarbon chain is shown above a horizontal scale with numerical markers at 20, 40, 60, 80, 100, 120, and 140. The entire scene is overlaid with a blue-to-green gradient.

**EPA's AUDIT POLICY &
EPA's SMALL BUSINESS AUDIT POLICY**

Self-disclosing EPCRA § 313 violations to EPA

- Self-disclosures are submitted through one of two avenues (*New Owner added August 1, 2008*):
- **EPA's Audit Policy**: 65 Fed. Reg. 19618, April 11, 2000 (9 conditions to meet to receive 100% gravity-based penalty mitigation)

or

- **EPA's Small Business Compliance Policy**:
65 Fed. Reg. 19630, April 11, 2000 – only for small businesses, i.e., with < 100 employees (*not as many conditions to meet to receive 100% gravity-based penalty mitigation*)

Self-disclosing EPCRA § 313 violations to EPA

- **EPA's Audit Policy**: Discovery must be made through an *audit or compliance monitoring system*
- **EPA's Small Business Compliance Policy**:
Allows for discovery by any manner
- **EPA's Audit Policy**: Must resolve violation(s) within 60 days
- **EPA's Small Business Compliance Policy**:
Must resolve violation(s) within 120 days

Self-disclosing EPCRA § 313 violations *continued*

- Region 6 visualizes self-disclosing as a two-step process.
- The following is only applicable for disclosing violations of EPCRA § 313. If disclosing for multi-media violations, or multi-regional violations, call the EPCRA § 313 Enforcement Coordinator (*moi*) for further instructions.
- First step is to notify the EPA if you know there is in fact a violation or that *you may think there is a violation*. Follow up in writing. Satisfies the “within 21-day” notification condition of the Audit Policy.

Self-disclosing EPCRA § 313 violations *continued*

- Request copy of one or both of the self-disclosure checklists.
- Fill out the appropriate checklist and submit to me.
- Last part of checklist is attesting to the fact facility is now in compliance with EPCRA § 313 & all disclosed violations are resolved.
- Checklist details how your facility meets the conditions for self-disclosing and thus receiving penalty mitigation.

Self-disclosing EPCRA § 313 violations *continued*

- If ALL conditions are met, in either Policy....
- 100% gravity-based penalty mitigation is granted.
- **HOWEVER, EPA reserves the right to collect any economic benefit gained by non-compliance.**
- If ALL conditions are NOT met, penalties are drastically reduced.
- If policy is denied, case is resolved with enforcement + penalties.

Self-disclosing EPCRA § 313 violations *continued*

- Electronically reporting of self-disclosures is returning, **eDisclosures**
- The nuance to this is that reports will be submitted directly to HQ's from the internet and resolved by HQ's vs the EPA Region



Utilizing EPA Databases Containing Toxic Release Inventory (TRI) Data



- 1. Envirofacts (internet based)
EZ-Search (internet based)**
- 2. TRI Explorer (internet based)**
- 3. TRI.NET (stand alone program)**



Envirofacts

Your one-stop source for Environmental Information

Get the EnviroFACTS!

Retrieve information from multiple sources of Envirofacts' System Data for your area of interest.

Enter a location such as address, zip, city, county, waterbody, park name, etc.



[Advanced](#)

Topic Searches



Air



Waste



Facility



Land



Toxics



Compliance



Water



Radiation



Other



Envirofacts System Data Searches

[Multisystem Search](#)

BR
Brownfields-Cleanups
CERCLIS
Cleanups
ECHO/IDEA
ICIS-AIR

FRS

- EZ Search
- Organization Search

 Greenhouse Gas

- Customized Search

 ICIS
 ICR

IGMS
Locational Information

- Locational Search

 PCS

- Customized Search

 RADInfo

RadNet

- Customized Search

 RCRAInfo
 SDWIS
 SRS
 TSCA
 UV Index

TRI

- TRI Explorer
- TRI Search
- Form R Search
- Form R & A Download
- EZ Search
- Customized Search
- Pollution Prevention

Other Sites of Interest


[Geospatial Download](#)

[EnviroMapper](#)

[MyEnvironment](#)

More detail for the TRI column in Envirofacts:

TRI

- TRI Explorer
- **TRI Search** 
- Form R Search
- Form R & A Download
- EZ Search
- Customized Search
- Pollution Prevention

Envirofacts

- **TRI Search is for VIEWING one facility from a single or multi-facility retrieval!**
- **Best to use TRIFID (Toxic Release Inventory Facility Identification Number) for single facility.**
- **Can search groups of facilities within a zip code, county, city, or state**
- **Can also use NAICS code(s) and/or chemical / CAS**
- **Can view only 1 facility's historical data at a time**

Search criteria can be entered in different ways:

Facility Selection

Facility Identification:

Facility Name (Enter a partial or complete Facility Name)

Facility Identification Option Value:

Beginning With Exact Match Containing

Geography Search

Enter a partial value for any geography option except for the state value. For city and county, you must enter the state value. We strongly recommend that you enter a small geographical area to begin the search since Envirofacts contains a large number of facilities.

ZIP Code:

Address:

Beginning With Exact Match Containing

City:

County:

State:

- [Multisystem](#)
- [BR](#)
- [Brownfields/Cleanups](#)
- [CERCLIS](#)
- [Cleanups](#)
- [ECHO/IDEA](#)
- [FRS](#)
 - [EZ Search](#)
 - [Organization Search](#)
- [Greenhouse Gas](#)
 - [Customized Search](#)
- [ICIS](#)
- [ICIS-AIR](#)
- [ICR](#)
- [IGMS](#)
- [Locational Information](#)
 - [Locational Search](#)
- [PCS](#)
 - [Customized Search](#)
- [RADInfo](#)
- [RadNet](#)
 - [Customized Search](#)
- [RCRAInfo](#)
- [SDWIS](#)
- [SRS](#)
- [TRI](#)
 - [TRI Explorer](#)
 - [TRI Search](#)
 - [Form R Search](#)
 - [Form R & A Download](#)
 - [EZ Search](#)
 - [Customized Search](#)
 - [Pollution Prevention](#)
- [TSCA](#)

Search criteria can be entered in different ways, *continued*

SIC Codes:
OR

Select a search option from the drop down menu. For the "Equal to" option enter a 4 to 6-digit NAICS code. For "Beginning with" or "Containing" enter up to 6 digits.

NAICS Codes:

Chemical Name Search

Enter the chemical name or lookup the appropriate CAS number by clicking on the "Lookup Pollutant codes and CAS Numbers" link. If both Chemical Name and CAS number are entered, only CAS Number will be used in the search.

Chemical Name:

Beginning With Exact Match Containing

Chemical Abstract Service (CAS) Number:

[Lookup Pollutant codes and CAS numbers](#)

Search Values

- Use Multisystem facility information to perform facility search
 Use TRI facility information only to perform facility search

Search: Dallas, Texas

SHOW [dropdown]
[First](#) [Previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) ... [23](#) [Next](#) [Last](#)

TRI FACILITY REPORT	TRI FACILITY ID	FACILITY NAME	ADDRESS	COUNTY NAME	LATITUDE LONGITUDE	TOTAL FORMS	LAST FORM	RISK SCREENING	P2 REPORT
TRI Facility Report	75229BLMNM11165	A & B ALUMINUM & BRASS FOUNDRY	11165 DENTON DR DALLAS, TX 75229	DALLAS	32.88794, -96.88598	8	2014	Report	P2 Details
TRI Facility Report	75224PLSTC2700S	AC MOLDING COMPOUNDS	2700 S. WESTMORELAND RD. DALLAS, TX 75233	DALLAS	32.71673, -96.87418	34	2000	Report	P2 Details
TRI Facility Report	75243RLQDL13546	AIR LIQUIDE ELECTRONICS US LP	13546 N CENTRAL EXPRESSWAY DALLAS, TX 75243	DALLAS	32.9259, -96.75366	56	2014	Report	P2 Details
TRI Facility Report	75239SHLND8201S	AIR PRODUCTS & CHEMICALS INC	8201 S CENTRAL EXPRESSWAY DALLAS, TX 75241	DALLAS	32.707221, -96.750832	100	2009	Report	P2 Details
TRI Facility Report	75215RGSST1001A	AIRGAS SOUTHWEST INC.	1001-A FOREST AVE. DALLAS, TX 75223	DALLAS	32.7556, -96.78413	3	2002	Report	P2 Details
TRI Facility Report	75233RGSST3415B	AIRGAS USA LLC	3415 BANNING DALLAS, TX 752331301	DALLAS	32.71693, -96.87636	12	2014	Report	P2 Details
TRI Facility Report	75220MRCNP10859	AMERICAN PCB CO	10859 SHADY TRAIL ST-109 DALLAS, TX 75220	DALLAS	32.8773, -96.89026	4	2004	Report	P2 Details
TRI Facility Report	75238MRCNP10741	AMERICAN PRODUCTS CO	10741 MILLER RD. DALLAS, TX 75238	DALLAS	32.894722, -96.699444	4	1997	Report	P2 Details
TRI Facility Report	75247PCTXS4525L	APAC TEXAS INC LESTON ASPHAT PLANT	4525 LESTON AVE DALLAS, TX 75247	DALLAS	32.8119, -96.893081	15	2014	Report	P2 Details
TRI Facility Report	75207QBLND4774A	AQUABLEND INC	4774 ALGIERS ST DALLAS, TX 75207	DALLAS	32.80417, -96.8483	8	2007	Report	P2 Details

Showing 1 to 10 of 230 entries

Search

TRI Explorer:

TRI

- **TRI Explorer** ←
- TRI Search
- Form R Search
- Form R & A Download
- EZ Search
- Customized Search
- Pollution Prevention

TRI Explorer:

TRI Explorer

You are here: [EPA Home](#) » [TRI](#) » [TRI Explorer](#) » [Release Reports](#) - Release Chemical Report

Release Reports

[Fact Sheets](#) |
 [Release Reports](#) |
 [Waste Transfer Reports](#) |
 [Waste Quantity Reports](#)

[Chemical](#) |
 [Facility](#) |
 [Federal Facility](#) |
 [Trends](#) |
 [Geography](#) |
 [Industry](#) |
 [Dynamic Map](#)

Release Chemical Report [i](#)

This site uses pop-up windows, click here for help on allowing pop-ups from this site

[Go To New Report](#)

Year of Data [i](#)

2014

Geographic Location [i](#)

All of United States

Chemical [i](#)

All chemicals

Industry [i](#)

All Industries

Data Set [i](#)

The default is 2014 Dataset (released September 2015)

- Select 2013 Dataset (released March 2015)
- Select 2013 National Analysis dataset (released October 2014) (Updated Nov 24, 2014)

Report columns to include [i](#)

- Total On-site Disposal or Other Releases**
Details
 - On-Site Disposal to Class I Wells, RCRA Subtitle C Landfills, and Other On-Site Landfills
 - Other On-Site Disposal or Other Releases
- Total Off-site Disposal or Other Releases**
Details
 - Off-Site Disposal to Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills
 - Other Off-Site Disposal or Other Releases
- Total On- and Off-site Disposal or Other Releases**
 - CAS Number

TRI Explorer *continued*:

- TRI Explorer is for **VIEWING** multiple facility data at the same time
- Database opens by default to Release Reports by Chemical
- Can download data from TRI Explorer, Cannot from Envirofacts!



The screenshot displays the TRI Explorer web interface. At the top, it says "TRI Explorer" and "You are here: EPA Home » TRI » TRI Explorer » Release Reports - Release Chemical Report". Below this is the heading "Release Reports". There are four tabs: "Fact Sheets", "Release Reports", "Waste Transfer Reports", and "Waste Quantity Reports". The "Release Reports" tab is selected and highlighted in yellow. Underneath, there are four sub-tabs: "Chemical", "Facility", "Federal Facility", and "Trends". The "Chemical" sub-tab is also selected and highlighted in yellow. At the bottom of the screenshot, it says "Release Chemical Report" with an information icon.

TRI Explorer *continued*:

- Am interested in mercury and mercury mercury compound releases from electric generating facilities in Texas
- Remember – only those facilities that combust oil or coal are covered (NAICS code 221112 – Fossil Fuel Electric Power Generation)
- First, select Facilities under Releases Report

TRI Explorer
You are here: [EPA Home](#) » [TRI](#) » [TRI Explorer](#) » [Release Reports](#) – [Release Facility Report](#)

Release Reports

Fact Sheets	Release Reports	Waste Transfer Reports	Waste Quantity Reports
Chemical	Facility	Federal Facility	Trends

Release Facility Report ⓘ

This site uses pop-up windows, click here for help on allowing pop-ups from this site [Go To](#)

TRI Explorer *continued*:

- From the dropdown for **Geographic Location**, click *Select a state or county*
- From dropdown click Texas, note optional list of counties below
- From the dropdown for **Chemical**, click *Select specific chemical(s)*
- Scroll to and click **mercury**, then click **mercury compounds**, both added to right hand box
- Click Done

TRI Explorer *continued*:

- From dropdown for **Industry**, click *Select from list of NAICS code(s)*
- Click NAICS 2211 – Electric Utilities
- Click Done
- At bottom of screen click **Generate Report**

Data Set ⓘ
The default is 2014 Dataset (released September 2015)

Select 2013 Dataset (released March 2015)
 Select 2013 National Analysis dataset (released October 2014) (Updated Nov 24, 2014)

Details

On-Site Disposal to Class I Wells, RCRA Subtitle C Landfills, and Other On-Site Landfills
 Other On-Site Disposal or Other Releases

Total Off-site Disposal or Other Releases

Details

Off-Site Disposal to Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills
 Other Off-Site Disposal or Other Releases


Total On- and Off-site Disposal or Other Releases

Generate Report

TRI Explorer *continued*:

- A report is generated listing all facilities that reported mercury and/or mercury compounds

TRI On-site and Off-site Reported Disposed of or Otherwise Released (in pounds), all 21 facilities, for facilities in NAICS 2211

Row #	Facility	Total On-s
		
1	AMERICAN ELECTRIC POWER HW PIRKEY POWER PLANT.2400 FM RD 3251, HALLSVILLE TEXAS 75650 (HARRISON)	
2	AMERICAN ELECTRIC POWER OKLAUNION PLANT.12567 FM RD 3430, VERNON TEXAS 76384 (WILBARGER)	
3	AMERICAN ELECTRIC POWER WELSH PLANT.FM 1735 STOREROOM 65, PITTSBURG TEXAS 75686 (CAMP)	
4	BIG BROWN STEAM ELECTRIC STATION & LIGNITE MINE.11 MI E OF FAIRFIELD ON FM 2570, FAIRFIELD TEXAS 75840 (FREESTONE)	
5	BLANCHARD REFINING CO LLC.2401 5TH AVE S, TEXAS CITY TEXAS 77590 (GALVESTON)	
6	CALAVERAS POWER STATION.9599 GARDNER RD, SAN ANTONIO TEXAS 78263 (BEXAR)	
7	COLETO CREEK POWER STATION.45 FM 2987, FANNIN TEXAS 77960 (GOLIAD)	
8	GIBBONS CREEK STEAM ELECTRIC STATION.12824 FM 244, ANDERSON TEXAS 77830 (GRIMES)	
9	LCRA FAYETTE POWER PROJECT.6549 POWER PLANT RD, LA GRANGE TEXAS 78945 (FAYETTE)	
10	LIMESTONE ELECTRIC GENERATING STATION.3964 FM39, JEWETT TEXAS 75846 (LIMESTONE)	
11	MARTIN LAKE STEAM ELECTRIC STATION & LIGNITE MINE.8850 FM 2658 N, TATUM TEXAS 75691 (RUSK)	
12	MONTICELLO STEAM ELECTRIC STATION & LIGNITE MINE.OFF FM 127 8 MI SW OF MOUNT PLEASANT, MOUNT PLEASANT TEXAS 75455 (TITUS)	
13	OAK GROVE STEAM ELECTRIC STATION.8127 OAK GROVE RD, FRANKLIN TEXAS 77856 (ROBERTSON)	
14	SAN MIGUEL ELECTRIC COOPERATIVE INC.6200 FM 3387, CHRISTINE TEXAS 78012 (ATASCOSA)	
15	SANDOW 5 GENERATING PLANT & LIGNITE MINE.3708 CHARLES MARTIN HALL RD, ROCKDALE TEXAS 76567 (MILAM)	
16	SANDOW STEAM ELECTRIC STATION.7 MI SW OF ROCKDALE OFF FM 1786, ROCKDALE TEXAS 76567 (MILAM)	
17	SANDY CREEK ENERGY STATION.2161 RATTLESNAKE RD, RIESEL TEXAS 76682 (MCLENNAN)	
18	SOUTHWESTERN PUBLIC SERVICE CO HARRINGTON STATION.8400 N LAKESIDE DR, AMARILLO TEXAS 79108 (POTTER)	
19	SOUTHWESTERN PUBLIC SERVICE CO TOLK STATION.970 COUNTY RD 65, EARTH TEXAS 79031 (LAMB)	
20	TWIN OAKS.13065 PLANT RD, BREMOND TEXAS 76629 (ROBERTSON)	
21	WA PARISH ELECTRIC GENERATING STATION.2500 Y.U. JONES RD, THOMPSONS TEXAS 77481 (FORT BEND)	
	Total	

TRI Explorer *continued*:

- Depending on output you selected

n NAICS 2211 - Electric Utilities, for Chemicals Selected by User (see footnote for list of selected chemicals), Texas, 2014

Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases	Total On- and Off-site Disposal or Other Releases
2,333	.	2,333
2,000	.	2,000
1,670	1	1,671
1,647	.	1,647
1,462	.	1,462
1,450	.	1,450
1,229	.	1,229
1,176	.	1,176
919	.	919
737	.	737
619	.	619
389	7	396
383	.	383
378	0	378
333	0	333
271	0	271
220	0	220
214	0	214
177	21	198
167	.	167
2	0	2
17,776	28	17,804



TRI EZ Search:

TRI

- TRI Explorer
- TRI Search
- Form R Search
- Form R & A Download
- **EZ Search** ←
- Customized Search
- Pollution Prevention

TRI EZ Search *continued*:

Data Element Search Tool will provide you information on database data element (column),

tables and subject areas that are used in the search.

STEP 1: Select a Subject Area to Focus your Search

Facility Information

[Facility Information](#)

Address and other location information about the facility.

[Submissions](#)

Toxic Chemical Release Inventory Reporting Form (EPA Form R) information and Facility Information

Toxic Chemical Releases to the Environment

[Chemical Discharge to Water](#)

Total annual toxic chemical release to each receiving surface body of water.

[Chemical Release to Air](#)

Total annual toxic chemical air emissions.

[Chemical Release to Land](#)

Total annual toxic chemical release to land.

[Chemical Underground Injection](#)

Total annual toxic chemical amount injected into all on-site wells.

[Off Site Transfers for Disposal](#)

Total annual toxic chemical amount transferred to other sites for disposal.

[Combined Releases](#)

All chemical releases for a facility. Categorized by release category type (WATER, LAND, etc.).

[Releases – Brief](#)

A brief view of release information for a facility.

[Releases – Extended](#)

An extended view of release information for a facility.

[Releases – Complete](#)

A complete view of release information for a facility.

System Data Searches

- [Multisystem](#)
- [BR](#)
- [Brownfields/Cleanups](#)
- [CERCLIS](#)
- [Cleanups](#)
- [ECHO/IDEA](#)
- [FRS](#)
 - [EZ Search](#)
 - [Organization Search](#)
- [Greenhouse Gas](#)
 - [Customized Search](#)
- [ICIS](#)
- [ICIS-AIR](#)
- [ICR](#)
- [IGMS](#)
- [Locational Information](#)
 - [Locational Search](#)
- [PCS](#)
 - [Customized Search](#)
- [RADInfo](#)

TRI EZ Search *continued*:

- The report I use most often is at the very bottom:

Production Related Waste	
Production Related Waste – Brief	A brief view of production related waste information for a facility.
Production Related Waste – Extended	An extended view of production related waste information for a facility.
Dioxin and Dioxin-like Compounds – Schedule One Data and TEQ Amounts	
On-site Releases	Quantity of Dioxin and Dioxin-like Compounds entering each environmental medium on-site
Off-site Transfers	Transfers of Dioxin and Dioxin-like Compounds in waste to off-site locations
Production Related Waste	Source Reduction and Recycling Activities for Dioxin and Dioxin-like compounds (current year only)
Specialized Views for Downloading	
Flat (Denormalized) Form R	A "flat" view of the TRI database that contains a majority of the available TRI information.

[Contact Us](#) to ask a question, provide feedback, or report a problem.

TRI EZ Search *continued*:

- **The thing to remember about extracting data from the TRI database (TRIS), using EZ-Search, is**
- **On the reports screen, click the box next to the data you wish to extract**
- **On the search screen...**
- **Input information that you want constant, like a chemical name, NAICS code, etc**
- **Information that you want to vary, like facility name, fugitive releases, other releases, waste management activities, leave blank**

TRI EZ Search *continued*:

STEP 2: Select Columns (Data Elements or Fields)

Select one or more column(s) by clicking the box next to the data element or field name displayed below.

TABLE NAME: V_TRI_FORM_R_EZ

<input checked="" type="checkbox"/>	TRI Facility Id	An identifier t first 5 non-bl
	Count Function for TRI Facility Id. DO NOT SELECT THE COLUMN LOCATED DIRECTLY ABOVE IF YOU SELECT THIS COLUMN!	Counts the nu <input type="checkbox"/> COUNT
<input checked="" type="checkbox"/>	Facility Name	The name of
<input checked="" type="checkbox"/>	Street Address	The street na
<input checked="" type="checkbox"/>	City Name	The name of
<input type="checkbox"/>	County Name	The standard
<input type="checkbox"/>	State FIPS Code	Combination o
<input type="checkbox"/>	Code Expansion for State FIPS Code	Selecting this
<input checked="" type="checkbox"/>	State Abbreviation	A two-letter c
<input type="checkbox"/>	Code Expansion for State Abbreviation	Selecting this

TRI EZ Search *continued*:

<input type="checkbox"/>	UIC Additional Indicator	Indicates wh
<input type="checkbox"/>	Fugitive Release NA	Indicates wh
<input checked="" type="checkbox"/>	Fugitive Tot Rel	The release
	Group Functions for Fugitive Tot Rel . DO NOT SELECT THE COLUMN LOCATED DIRECTLY ABOVE IF YOU SELECT THIS COLUMN!	You may se HELP on S <input type="checkbox"/> SUM <input type="checkbox"/>
<input type="checkbox"/>	Fugitive Basis Est Code	Code for th
<input type="checkbox"/>	Fugitive Release Range Code	The code th releases les
<input type="checkbox"/>	Stack Release Na	Indicates wh
<input checked="" type="checkbox"/>	Stack Tot Rel	The release
	Group Functions for Stack Tot Rel . DO NOT SELECT THE COLUMN LOCATED DIRECTLY ABOVE IF YOU SELECT THIS COLUMN!	You may se HELP on S <input type="checkbox"/> SUM <input type="checkbox"/>
<input type="checkbox"/>	Stack Basis Est Code	Code for th
<input type="checkbox"/>	Stack Release Range Code	The code th releases les
<input checked="" type="checkbox"/>	Air Total Release	The release
	Group Functions for Air Total Release . DO NOT SELECT THE COLUMN LOCATED DIRECTLY ABOVE IF YOU SELECT THIS COLUMN!	You may se HELP on S <input type="checkbox"/> SUM <input type="checkbox"/>

TRI EZ Search *continued*:

<< Return

STEP 3: Enter Search Criteria and Organize the Output

Output Options for Selected Columns

Column Name	Operator Definition	Search Value	Column Display Order	Sort Column	Sort Order	Where Only
TRI Facility Id	Equal to		<input type="checkbox"/>	<input type="checkbox"/>	Ascending	<input type="checkbox"/>
Facility Name	Equal to		<input type="checkbox"/>	<input type="checkbox"/>	Ascending	<input type="checkbox"/>
Street Address	Equal to		<input type="checkbox"/>	<input type="checkbox"/>	Ascending	<input type="checkbox"/>
State Abbreviation	Equal to	TX <small>1 List All State Abbreviation(s)</small>	<input type="checkbox"/>	<input type="checkbox"/>	Ascending	<input type="checkbox"/>
Zip Code	Equal to		<input type="checkbox"/>	<input type="checkbox"/>	Ascending	<input type="checkbox"/>
Reporting Year	Greater than/Equal to	2010	<input type="checkbox"/>	<input type="checkbox"/>	Ascending	<input type="checkbox"/>
CAS Chem Name	Containing	mercury	<input type="checkbox"/>	<input type="checkbox"/>	Ascending	<input type="checkbox"/>
Fugitive Tot Rel	Equal to		<input type="checkbox"/>	<input type="checkbox"/>	Ascending	<input type="checkbox"/>
Stack Tot Rel	Equal to		<input type="checkbox"/>	<input type="checkbox"/>	Ascending	<input type="checkbox"/>
Air Total Release	Equal to		<input type="checkbox"/>	<input type="checkbox"/>	Ascending	<input type="checkbox"/>
Primary NAICS Code	Equal to	221112	<input type="checkbox"/>	<input type="checkbox"/>	Ascending	<input type="checkbox"/>

Search Database

Reset

Output to CSV File *

TRI EZ Search *continued:*

TRI Facility Id	Facility Name	Street Address	State Abbreviation	Zip Code	Reporting Year	CAS Chem Name	Fugitive Tot Rel	Stack Tot Rel	Air Total Release	Primary NAICS Code
78945LCRFY6549P	LCRA FAYETTE POWER PROJECT	6549 POWER PLANT RD	TX	78945	2013	MERCURY COMPOUNDS	0	281	281	221112
76384KLNNP12567	AMERICAN ELECTRIC POWER OKLAUNION PLANT	12567 FM RD 3430	TX	76384	2011	MERCURY COMPOUNDS	0	187	187	221112
76567SNDWS7MISW	SANDOW STEAM ELECTRIC STATION	7 MI SW OF ROCKDALE OFF FM 1786	TX	76567	2013	MERCURY COMPOUNDS	0	721.2	721.2	221112
78945LCRFY6549P	LCRA FAYETTE POWER PROJECT	6549 POWER PLANT RD	TX	78945	2014	MERCURY COMPOUNDS	0	182	182	221112
75455MNTCLOFFFM	MONTICELLO STEAM ELECTRIC STATION & LIGNITE MINE	OFF FM 127 8 MI SW OF MOUNT PLEASANT	TX	75455	2013	MERCURY COMPOUNDS	0	672.2	672.2	221112
75846LMSTNFM39A	LIMESTONE ELECTRIC GENERATING STATION	3964 FM39	TX	75846	2010	MERCURY COMPOUNDS	0	1149.7	1149.7	221112
79108STHWSNLAKE	SOUTHWESTERN PUBLIC SERVICE CO HARRINGTON STATION	8400 N LAKESIDE DR	TX	79108	2014	MERCURY COMPOUNDS	.1	213.4	213.5	221112
75840BGBRW11MIE	BIG BROWN STEAM ELECTRIC STATION & LIGNITE MINE	11 MI E OF FAIRFIELD ON FM 2570	TX	75840	2014	MERCURY COMPOUNDS	1	1106	1107	221112

Useful EPA Internet Addresses



Toxic Release Inventory & other addresses:

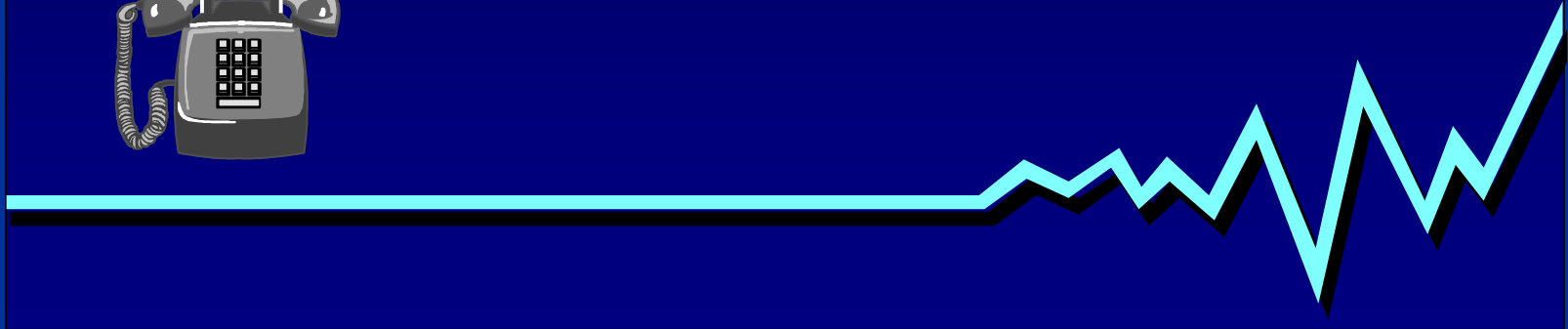
- **TRI Homepage**
<http://www2.epa.gov/toxics-release-inventory-tri-program>
- **EPA Envirofacts**
<http://www.epa.gov/enviro/>
- **TRI Explorer**
http://iaspub.epa.gov/triexplorer/tri_release.chemical
- **Enforcement Compliance & History Online (ECHO)**
<http://www.epa-echo.gov/echo/>
- **EPA's Central Data Exchange (CDX)**
<https://cdx.epa.gov/>

Toxic Release Inventory & other addresses *continued*:

- U.S. EPA Region 6 homepage
<http://www2.epa.gov/aboutepa/epa-region-6-south-central>
- EPA's Audit Policy homepage
<http://www2.epa.gov/compliance/epas-audit-policy>
- National Service Center for Environmental Publications (NSCEP)
<http://www2.epa.gov/nscep>
- TRI.NET Homepage
<http://www2.epa.gov/toxics-release-inventory-tri-program/trinet>

**TRI &
EPCRA 313 HOTLINE NUMBER:**

1-800-424-9346



EPCRA § 313 & TRI INFORMATION

U.S. EPA REGION 6

(800.887.6063)

- **Enforcement & Program Lead** - Morton E. Wakeland, Jr., Ph.D. (“Mort”)
214.665.8116 or wakeland.morton@epa.gov
- **Enforcement Officer/Audit Policy** - David Riley
214.665.2710 or riley.david@epa.gov
- **Enforcement Officer/Audit Policy** - Stan Lancaster
214.665.8034 or lancaster.stan@epa.gov
- **Senior Inspector** - Lawrence (“Larry”) Stranne
214.665.7337 or stranne.lawrence@epa.gov

mailing address:

U.S. EPA Region 6

Toxics Section (6PD-T)

1445 Ross Avenue, Dallas, TX 75202-2733

All faxes: 214.665.6655

