



TRI Explorer Enhancements (Phase 1) Overview

November 2009

Overview



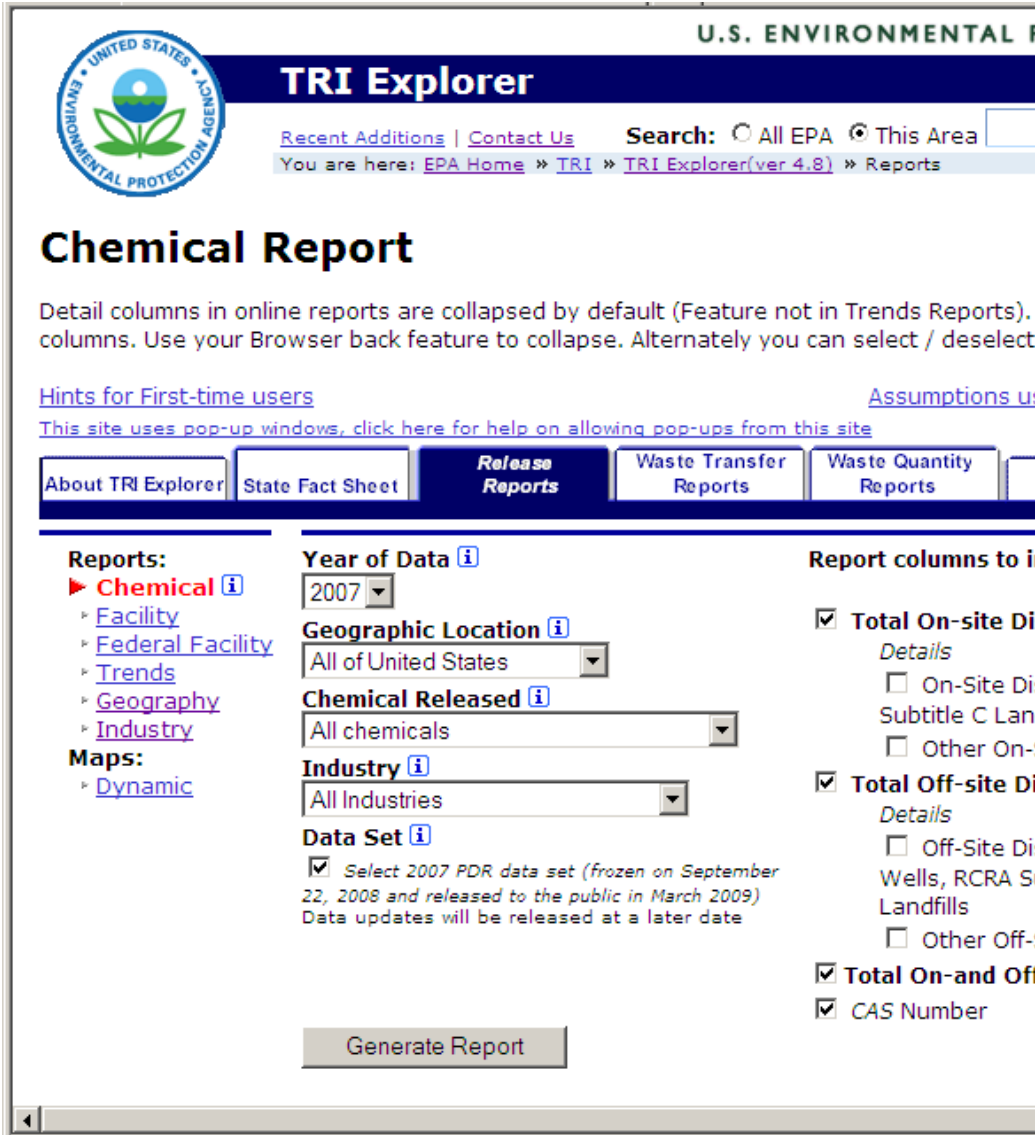
- All enhancements approved by OIAA management
- Launch pending security & product review approvals
- Currently available on EPA staging server (password protected) with RY2007 dataset
- 99% Current Look & Feel Maintained
- Several end results available with fewer keystrokes
- More information in reports
- More options for viewing & saving

No change to basic user interface

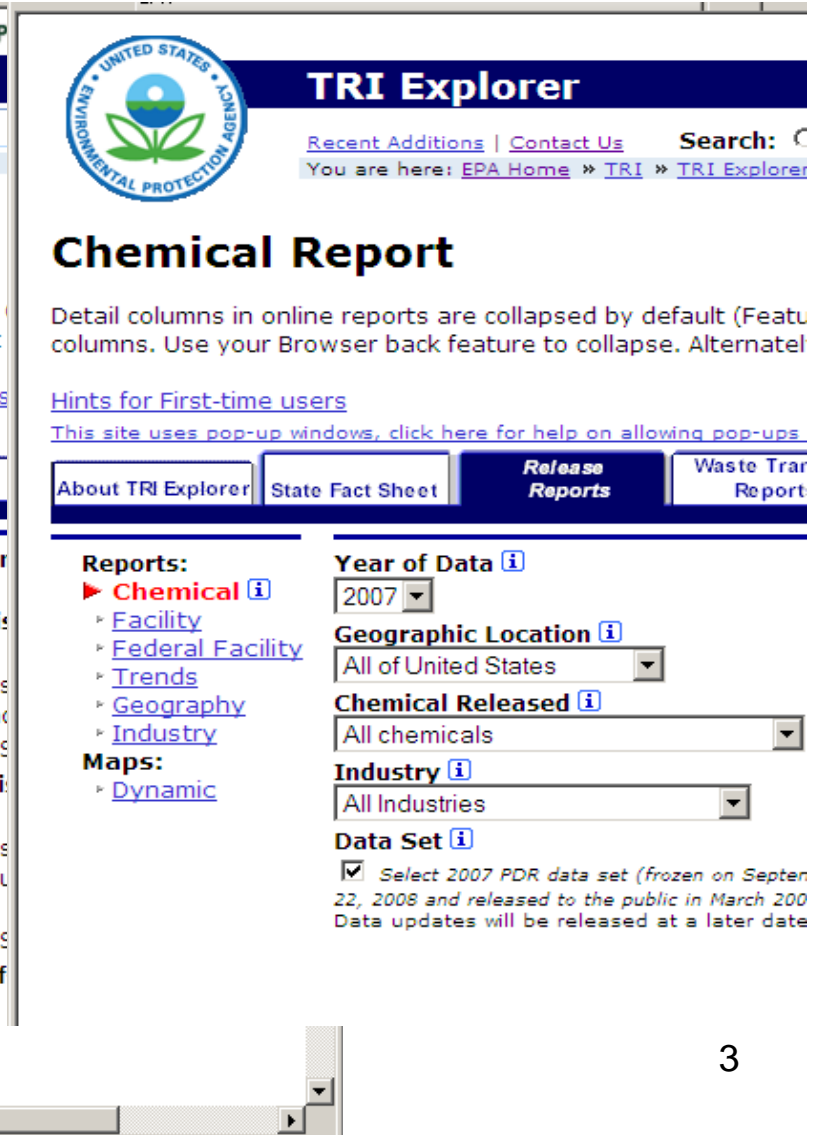


Enhanced

Current



The enhanced interface features a dark blue header with the EPA logo and the text "U.S. ENVIRONMENTAL PROTECTION AGENCY TRI Explorer". Navigation links include "Recent Additions", "Contact Us", and a search box. The breadcrumb trail shows the user's path: "You are here: EPA Home » TRI » TRI Explorer(ver 4.8) » Reports". The main heading is "Chemical Report", followed by a detailed description of the report columns and a link for "Hints for First-time users". A navigation bar contains buttons for "About TRI Explorer", "State Fact Sheet", "Release Reports", "Waste Transfer Reports", and "Waste Quantity Reports". The "Release Reports" button is highlighted. The main content area includes sections for "Reports:" (with a sub-menu for "Chemical"), "Maps:" (with a sub-menu for "Dynamic"), "Year of Data" (set to 2007), "Geographic Location" (set to "All of United States"), "Chemical Released" (set to "All chemicals"), "Industry" (set to "All Industries"), and "Data Set" (with a note about the 2007 PDR data set). A "Report columns to include" section has several checked options: "Total On-site Discharge", "Total Off-site Discharge", "Total On-and Off-site Discharge", and "CAS Number". A "Generate Report" button is located at the bottom.



The current interface has a similar layout but with a lighter blue header. The breadcrumb trail is shorter: "You are here: EPA Home » TRI » TRI Explorer". The "Waste Transfer Reports" button is highlighted in the navigation bar. The "Reports:" section includes a sub-menu for "Chemical" and "Trends". The "Data Set" section has a note: "Select 2007 PDR data set (frozen on September 22, 2008 and released to the public in March 2009). Data updates will be released at a later date". The "Report columns to include" section has fewer checked options: "Total On-site Discharge", "Total Off-site Discharge", and "Total On-and Off-site Discharge".

More Drill Down Capabilities



First column in all reports – You can now drill down to a facility report (in most cases) while retaining all original parameters selected plus the parameter selected in the first column.

CAS number at some point will be on by default (ongoing work to link to ATSDR fact sheets)

Enhanced

Detail columns are collapsed by default. Click the icon to view additional columns.

Data source: Release Year 2007 PDR data set frozen on September 22, 2008 and released on September 22, 2008.

TRI On-site and Off-site Reported Disposed of or Otherwise Released in Pounds
Chemicals, U.S., 2007

Row #	Chemical	CAS Number	Total On-site Disposal or Other Releases
1	1,1,1,2-TETRACHLORO-2-FLUOROETHANE	000354110	6
2	1,1,1,2-TETRACHLOROETHANE	000630206	1,801
3	1,1,1-TRICHLOROETHANE	000071556	79,644
4	1,1,2,2-TETRACHLORO-1-FLUOROETHANE	000354143	5
5	1,1,2,2-TETRACHLOROETHANE	000079345	1,399
6	1,1,2-TRICHLOROETHANE	000079005	21,663

Current

Detail columns are collapsed by default. Click the icon to view additional columns.

Data source: Release Year 2007 PDR data set frozen on September 22, 2008 and released on September 22, 2008.

TRI On-site and Off-site Reported Disposed of or Otherwise Released in Pounds
Chemicals, U.S., 2007

Row #	Chemical	Total On-site Disposal or Other Releases
1	1,1,1,2-TETRACHLORO-2-FLUOROETHANE	
2	1,1,1,2-TETRACHLOROETHANE	1,801
3	1,1,1-TRICHLOROETHANE	79,644
4	1,1,2,2-TETRACHLORO-1-	

New options in Geography Report

US by EPA Region

US by Zip Code



Geography Report

Detail columns in online reports are collapsed by default (Feature not in Trends Reports). Click the icon to view the additional columns. Use your Browser back feature to collapse. Alternately you can select / deselect desired columns from this screen.

[Hints for First-time users](#)

[Assumptions used in the analysis](#)

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

[Go To New Report](#)

Navigation bar with buttons: About TRI Explorer, State Fact Sheet, **Release Reports**, Waste Transfer Reports, Waste Quantity Reports, TRI Program Home, Tutorial

Reports:

- ▶ [Chemical](#)
- ▶ [Facility](#)
- ▶ [Federal Facility](#)
- ▶ [Trends](#)
- ▶ **▶ [Geography](#)**
- ▶ [Industry](#)

Maps:

- ▶ [Dynamic](#)

Year of Data

2007

Geographic Location

U.S. by State

U.S. by State

U.S. by County

Select State

U.S. by EPA Region

U.S. by Zip Code

Data Set

The default is the current data update (as of May 14, 2009)

Select 2007 PDR data set (frozen on September 22, 2008 and released to the public in March 2009)

Generate Report

Report columns to include

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

US by Region Report



Clicking on a region drills down to a report of states within the region (see next slide)

Releases: Geography US EPA Region Report

Detail columns are collapsed by default. Click the icon to view additional columns. Use your Browser back feature to collapse.

Data source: 2007 Data Update as of May 14, 2009

[See Note](#)

[Go To New Report](#)

TRI On-site and Off-site Reported Disposed of or Otherwise Released (in pounds), for facilities in All Industries, for All Chemicals, By EPA region, 2007

Row #	EPA Region	Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases	Total On- and Off-site Disposal or Other Releases
1	EPA Region 1	21,470,304	5,666,793	27,137,097
2	EPA Region 2	51,267,324	11,387,857	62,655,180
3	EPA Region 3	290,533,167	100,806,926	391,340,094
4	EPA Region 4	735,540,837	97,857,578	833,398,415
5	EPA Region 5	557,582,051	301,663,364	859,245,414
6	EPA Region 6	395,161,215	63,380,151	458,541,365
7	EPA Region 7	172,753,224	44,024,672	216,777,896
8	EPA Region 8	268,505,950	27,978,632	296,484,582
9	EPA Region 9	355,886,792	14,044,961	369,931,753
10	EPA Region 10	699,280,104	13,056,735	712,336,840
	Total	3,547,980,967	679,867,669	4,227,848,636
Total state disposal or other releases omitting double counted amounts				4,108,476,970

State Report From Region Report



Clicking on a state drills down to a facility report for the state.

Releases: Geography US State Report

Detail columns are collapsed by default. Click the icon to view additional columns. Use your Browser back feature to collapse.

Data source: 2007 Data Update as of May 14, 2009

[See Note](#)

[Go To New Report](#)

TRI On-site and Off-site Reported Disposed of or Otherwise Released (in pounds), for facilities in All Industries, for All Chemicals, By State, EPA Region 6, 2007

Row #	State	Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases	Total On- and Off-site Disposal or Other Releases
1	Texas	192,239,278	29,328,482	221,567,760
2	Louisiana	122,837,247	9,346,643	132,183,890
3	Arkansas	34,873,622	12,199,871	47,073,493
4	Oklahoma	27,092,650	7,005,807	34,098,458
5	New Mexico	18,118,417	5,499,347	23,617,765
	Total	395,161,215	63,380,151	458,541,365
	Total state disposal or other releases omitting double counted amounts			447,991,649

(Note that in the table above, Dioxin and Dioxin-like compounds are included in the total (in pounds). Please refer to the Dioxin and Dioxin-like compounds table below for reported amounts of Dioxin and Dioxin-like compounds in grams. Grams can be converted to pounds.

And Even More Drill Down Capabilities



Federal Facility Report – Can now drill down and obtain all facilities within a Department or Agency. If click on a sub unit, report is just facilities for the sub unit.

Enhanced

Current

Releases: Federal Facility Report

Detail columns are collapsed by default. Click the icon to view additional columns

Data source: Release Year 2007 PDR data set frozen on September 22, 2008 and released to the public on October 1, 2008

TRI On-site and Off-site Reported Disposed of or Otherwise Released (in pounds), for All Chemicals, U.S., 2007

Row #	Facility	Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases
1	Department of Agriculture	282,832	0
2	Department of Defense	26,608,377	1,175,300
	Air Force	1,727,734	63,577
	Army	20,736,877	968,280
	Defense Logistics Agency	1,828	0
	Defense Stockpile	0	0
	Marine Corps	2,160,300	1,203
	Military Academies	34,491	5,976
	Navy	1,947,147	136,330
3	Department of Energy	4,004,049	949,380
4	Department of Health & Human Services	0	2,155
5	Department of Homeland Security	205,720	58,680
6	Department of the Interior	7,664	0
7	Department of Justice	43,720	12,700
8	Department of Transportation	850	0

Releases: Federal Facility Report

Detail columns are collapsed by default. Click the icon to view additional columns

Data source: Release Year 2007 PDR data set frozen on September 22, 2008 and released to the public on October 1, 2008

TRI On-site and Off-site Reported Disposed of or Otherwise Released (in pounds), for All Chemicals, U.S., 2007

Row #	Federal Agency	Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases
1	Department of Agriculture	282,832	0
2	Department of Defense	26,608,377	1,175,300
3	Air Force	1,727,734	63,577
4	Army	20,736,877	968,280
5	Defense Logistics Agency	1,828	0
6	Defense Stockpile	0	0
7	Marine Corps	2,160,300	1,203
8	Military Academies	34,491	5,976
9	Navy	1,947,147	136,330
10	Department of Energy	4,004,049	949,380
11	Department of Health & Human Services	0	2,155
12	Department of Homeland Security	205,720	58,680
13	Department of the Interior	7,664	0
14	Department of Justice	43,720	12,700
15	Department of Transportation	850	0

Less Page Clutter

Enhanced Sort Capability



Releases: Facility Report

Now sorts on all entries. Previously only sorted the entries shown. Example below was sorted low to high for all releases – See later slide for results

Detail columns are collapsed by default. Click the icon to view additional columns. Use your Browser back feature to collapse.

Data source: 2007 Data Update as of May 14, 2009

[See Data](#) [Go To New Report](#)

TRI On-site and Off-site Reported Disposed of or Otherwise Released (in pounds), Top 10 Facilities (of 22,452), for facilities in All Industries, for All Chemicals, U.S., 2007
 U.S. Top Facilities? Type 'ALL' Or Enter a number

Row #	Facility	Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases	Total On- and Off-site Disposal or Other Releases
1	RED DOG OPERATIONS, 90 MILES N OF KOTZEBUE, KOTZEBUE, NORTHWEST ARCTIC, AK	533,421,591	14	533,421,606
2	KENNECOTT UTAH COPPER MINE CONCENTRATORS & POWER PLANT, 12300 S UTAH HWY 89, COPPERTON, SALT LAKE CO, UT	128,327,723	870	128,328,593

Facility and some Geography reports only display top 10. Previously Facility Report displayed top 100. User can override with a different value from 1 to "ALL."

Enhanced

Current

TRI On-site and Off-site Reported Disposed of or Otherwise Released (in pounds), Top 100 Facilities (of 22,474) for facilities in All Industries, for All Chemicals, U.S., 2007

Top U.S. Facilities? Type 'ALL' Or Enter a number

Row #	Facility	Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases	Total On- and Off-site Disposal or Other Releases
1	RED DOG OPERATIONS, 90 MILES N OF KOTZEBUE, KOTZEBUE, NORTHWEST ARCTIC, AK	533,421,591	14	533,421,606
2	KENNECOTT UTAH COPPER MINE CONCENTRATORS & POWER PLANT, 12300 S UTAH HWY 89, COPPERTON, SALT LAKE CO, UT	128,327,723	870	128,328,593

Less Clutter by the Numbers



Report Type	Length of a Printed Report (pages) / Size of report delivered to monitor (KB)	
	Enhanced	Current
Facility Report Default columns only	5 pgs / 70 KB	14 pgs / 179 KB
Facility Report All optional columns	5 pgs / 201 KB	20 pgs / 564 KB
MLB.com	2 pgs / 138 KB	
Microsoft.com (10/26)	1 pg / 47KB	
NASA.gov	3 pgs / 54 KB	
Whitehouse.gov	3 pgs / 46 KB	

Enhanced Sort Capability



Enhanced

Sort (ascending) was performed on all facilities meeting selection criteria, not just the 10 initially shown.

Current

Sort functioned only on the facilities which were displayed immediately prior to the sort

Enhanced

Row #	Facility	Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases	Total On- and Off-site Disposal or Other Releases
1	WRIGHT OIL CO. 9998 DOERR LN, SCHERTZ, Texas 78154 (COMAL)	NA	NA	NA
2	CLAYTON HOMES - WACO 2, 7001 IMPERIAL DR, WACO, Texas 76712 (MCLENNAN)	NA	NA	NA
3	A&A CONCRETE SUPPLY INC STOCKTON PLANT, 4035 E MARIPOSA RD, STOCKTON, California 95215 (SAN JOAQUIN)	NA	NA	NA
4	AUSTIN ENERGY DECKER CREEK POWER PLANT, 8003 DECKER LN, AUSTIN, Texas 78734 (TRAVIS)	NA	NA	NA

Current

Row #	Facility	Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases	Total On- and Off-site Disposal or Other Releases
1	CHEMICAL WASTE MANAGEMENT OF THE NORTHWEST INC., 17629 CEDAR SPRINGS LN, ARLINGTON, GILLIAM, OR	6,778,164	98	6,778,262
2	U.S. TVA KINGSTON FOSSIL PLANT, 714 SWAN POND RD, HARRIMAN, ROANE, TN	6,816,236	261	6,816,498
3	AMERICAN ELECTRIC POWER PHILIP SPORN PLANT, STATE RT 33, NEW HAVEN, MASON, WV	6,837,659	3,951	6,841,610
4	ALLEGHENY ENERGY INC HARRISON POWER STATION, RTE 20, HAYWOOD, HARRISON, WV	6,884,125	1	6,884,126

New View and Download Options



PDF
Rich Text (Word)
Excel

Enhanced

Current

Back to top

Export this report to a text file ⓘ
Create comma-separated values, compatible with spreadsheet and databases.

Save data in comma-separated-value, CSV, file Send data into Microsoft Excel

Download all records

View other report type:

Transfers Off-site for Further Waste Management; or
 Quantities of TRI Chemicals in Waste (waste management)

View report in other formats: Page Orientation:

PDF (Acrobat Reader); or Portrait; or
 RTF (Microsoft Word) Landscape

Note: Reporting year (RY) 2007 is the most recent TRI data available. Facilities reporting submit RY 2007 data to EPA by July 1, 2008. TRI Explorer is using an interim data set th to EPA as of May 14, 2009 for the years 1988 to 2007 (i.e., revisions submitted to EPA ; in TRI Explorer reports). TRI data may also be obtained through [EPA Envirofacts](#)

Back to top

Export this report to a text file ⓘ
Create comma-separated values, compatible with spreadsheet and

Download all records

View other report type:

Transfers Off-site for Further Waste Management; or
 Quantities of TRI Chemicals in Waste (waste management)

Note: Reporting year (RY) 2007 is the most recent TRI data avail required to submit RY 2007 data to EPA by July 1, 2008. TRI Explc includes revisions submitted to EPA as of May 14, 2009 for the ye to EPA after this time are not reflected in TRI Explorer reports). T [Envirofacts](#)

Off-site disposal or other releases include transfers sent to other on-site disposal or other release because not all states and/or no report.

On-site Disposal or Other Releases include Underground Injection Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or N Air Emissions (5.2), Surface Water Discharges (5.3), Underground

Easier Access to Buried Information



Zip code is now included in the Facility Report

Enhanced

Current

Releases: Facility Report

Detail columns are collapsed by default. Click the icon to view additional columns.

Data source: 2007 Data Update as of May 14, 2009

TRI On-site and Off-site Reported Disposed of or Otherwise Released (in pounds), Chemicals, Alabama, 2007

Row #	Facility	Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases
1	3M CO - DECATUR , 1400 STATE DOCKS RD, DECATUR, Alabama 35609 (MORGAN)	162,668	141
2	3M CO - GUIN , 6675 US HWY 43, GUIN, Alabama 35563 (MARION)	133,707	0
3	AAR SUMMA TECHNOLOGY , 2406 7TH AVE SW, CULLMAN, Alabama 35055 (CULLMAN)	NA	NA
4	AAR SUMMA TECHNOLOGY , 140 SPARKMAN DR, HUNTSVILLE, Alabama 35805 (MADISON)	NA	NA
5	ABITIBIBOWATER FOREST PRODUCTS DIV GOODWATER SAWMILL , 495 WOODLANDS RD, GOODWATER, Alabama 36032 (COOSA)	27	0



You are here: [EPA Home](#) » [TRI](#) » [TRI Explorer\(ver 4.8\)](#) » Reports

Releases: Facility Report

Detail columns are collapsed by default. Click the icon to view additional columns. Use your Browser

Data source: 2007 Data Update as of May 14, 2009

TRI On-site and Off-site Reported Disposed of or Otherwise Released (in pounds), for facilities in All Chemicals, Alabama, 2007

Row #	Facility	Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases	Total Disposal or Other Releases
1	3M CO - DECATUR , 1400 STATE DOCKS RD, DECATUR, MORGAN	162,668	141	162,809
2	3M CO - GUIN , 6675 US HWY 43, GUIN, MARION	133,707	0	133,707
3	AAR SUMMA TECHNOLOGY , 2406 7TH AVE SW, CULLMAN, CULLMAN	NA	NA	NA
4	AAR SUMMA TECHNOLOGY , 140 SPARKMAN DR, HUNTSVILLE, MADISON	NA	NA	NA
5	ABITIBIBOWATER FOREST PRODUCTS DIV GOODWATER SAWMILL , 495 WOODLANDS RD, GOODWATER, COOSA	27	0	27
6	ABITIBIBOWATER INC COOSA PINES OPERATIONS , 17589 PLANT RD, COOSA PINES, COOSA	1,204,240	0	1,204,240

Easier Access to Buried Information Transparency in Process



Facility Report at County and Zip Code levels now display industry code used by TRI Explorer for generating reports.

Enhanced

Releases: Facility Report

Detail columns are collapsed by default. Click the icon to view additional columns.

Data source: Release Year 2007 PDR data set frozen on September 22, 2008 and released

TRI On-site and Off-site Reported Disposed of or Otherwise Released (in pounds)
Chemicals, Charleston County, South Carolina, 2007

Row #	Facility	Total On-site Disposal or Other Releases
1	AMERICAN LAFRANCE LLC, 8500 PALMETTO COMMERCE PKWY, LADSON, South Carolina 29456 (CHARLESTON) ETHYLENE GLYCOL (336 Transportation Equipment)	0
2	BASF CORP NORTH CHARLESTON SITE, 7241 INVESTMENT DR, NORTH CHARLESTON, South Carolina 29418 (CHARLESTON) HYDROCHLORIC ACID (1995 AND AFTER "ACID AEROSOLS" ONLY) (325 Chemicals)	500
3	BRENNTAG SOUTHEAST INC., 4200 AZALEA DR, CHARLESTON, South Carolina 29405 (CHARLESTON) AMMONIA (4246 Chemical Wholesalers)	257

Current

Releases: Facility Report

Detail columns are collapsed by default. Click the icon to view additional columns.

Data source: Release Year 2007 PDR data set frozen on September 22, 2008 and released

TRI On-site and Off-site Reported Disposed of or Otherwise Released (in pounds)
for All Chemicals, Charleston County, South Carolina, 2007

Row #	Facility and Chemical	Total On-site Disposal or Other Releases	Total Disposed or Otherwise Released
1	AMERICAN LAFRANCE LLC, 8500 PALMETTO COMMERCE PKWY, LADSON ETHYLENE GLYCOL	0	0
2	BASF CORP NORTH CHARLESTON SITE, 7241 INVESTMENT DR, NORTH CHARLESTON HYDROCHLORIC ACID (1995 AND AFTER "ACID AEROSOLS" ONLY)	500	500
3	BRENNTAG SOUTHEAST INC., 4200 AZALEA DR, CHARLESTON AMMONIA DIETHANOLAMINE DIETHYL SULFATE DIMETHYLAMINE	257	224 NA NA NA

Easier Access to Buried Information Transparency in Process



Enhanced

Current

Facility Profile Report

[Return](#)

TRI Facility Name: INTERNATIONAL PAPER

Address: 100 JENSEN RD
BRANTFORD, ON L7R 4R7

[County:](#)

[Public Contact:](#)

[Phone Number:](#)

Forms Submitted:

[Form R](#) (regular form): 17

[Form A](#) (certification form): 0

[Click here for TRI Reporting Forms in EPA Envirofacts database](#)

[North American Industry Classification System \(NAICS\) Code\(s\) in 2007 Reporting Year:](#)

322130 Paperboard Mills

325191 Gum and Wood Chemical Manufacturing

[Industry sector](#) used in TRI Explorer analysis in 2007 Reporting Year:

322 Paper

Reported TRI Chemical Data

(in pounds, for all chemicals reported in 2007)

Facility Profile Report

[Return to selection](#)

TRI Facility Name: INTERNATIONAL PAPER

Address: 100 JENSEN RD
BRANTFORD, ON L7R 4R7

[County:](#)

[Public Contact:](#)

[Phone Number:](#)

Forms Submitted:

[Form R](#) (regular form): 17

[Form A](#) (certification form): 0

[Click here for TRI Reporting Forms in EPA Envirofacts database](#)

[North American Industry Classification System \(NAICS\) Code\(s\) in 2007 Reporting Year:](#)

322130 Paperboard Mills

325191 Gum and Wood Chemical Manufacturing

Reported TRI Chemical Data

(in pounds, for all chemicals reported in 2007)

[Total On-site Releases:](#)

1,964,272

Facility Profile Report now displays industry code used for generating TRI Explorer reports. Previously only showed codes reported by the facility.