



**EPA Office of Compliance  
Enforcement Targeting and Data Division**

# **AFS National Workshop**

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# Targeting with “Usable” Data

- **Purposes for Targeting with Data**
  - “Use It or Lose It!!!”
  - Data Quality (e.g., class, operating status, etc)
  - Facility Universe accuracy
  - Compliance Monitoring Targeting
  - Enforcement Initiative Targeting
  - Public/Industry “access”
  - Link other environmental data in analyses
    - TRI
    - NEI

# Integration of TRI Data in OTIS

- **TRI data** has been a **key targeting tool** in OTIS for 8 years
- **OTIS integrated TRI since 1999**
  - Facility level only
  - Not chemical specific
  - Very basic query but still proven useful in identifying facilities wrongly permitted/classified

# Targeted Issues

- **Note: Errors found in very low percentage of facilities, however, still has critical impact on useful targeting initiatives**
- **We need to THANK all of you for great work performed and provide tools to help**
- **Data Quality related issues**
  - AFS “classification” (major, SM, minor)
  - Facility Names, Address, etc. and linkage to FRS
  - Regulated Air Programs
    - MACT, NSR, PSD, etc.
  - Operating Status
  - Multi-permit facilities as multi-facilities in AFS
- **Erroneous TRI reported by facility**

# OTIS Query with TRI

Last Compliance Evaluation:  (v)

(Display only)

Last Formal Enforcement Action:  (v)

(Display only)

Notices of Violation:  (v)

## Compliance Information

### Current Compliance:

- High Priority Violator (HPV)
- (Display Only)
- Compliance Status UNKNOWN(Manual)
- Compliance Status UNKNOWN(Automated)
- In Violation
- On Schedule
- In Compliance

### Months in HPV (past 3 years)

 (v)

### Quarters in Violation (past 3 years)

 (v)

### Pollutant Currently in Violation:

 (v)

### Stack Test Results:

 (v)  (Display)

## TRI Chemical Releases

TRI Reporter:  (v)

TRI Hazardous Releases to Air:  (v)

TRI Carcinogens Released to Air:  (v)

TRI Releases to Air:  (v)

## Demographic Profile

# TRI data with MACT Tool in OTIS




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## Search Results- (All Programs)





129 Facilities Returned

Entries in gray text denote records that are not federally required to be reported to EPA. These data may not be complete.

[Return to Query](#)

<b>Facility Information</b> <small>(select buttons next to the name to view additional reports - <a href="#">Legend</a>)</small>	Program ID#	Days Since Last Inspection	Qtrs in Non Compliance (3 yrs)	Current SIC	Informal Enforcement Actions/NOVs (5 yrs)	Formal Enforcement Actions (5 yrs)	Penalties (5 yrs)	TRI Chemical Releases (lbs)	Percent Minority (3 mile radius)	Population Density (pop/mi <sup>2</sup> ) (3 mile radius)
<a href="#">A E STALEY MANUFACTURING COMPANY</a> 610 S. 28TH ST. VAN BUREN, AR 72956 FRS ID: 110000453571  	AFS: 0503300077	212						19	626	 
	RCR: ARD054675741	never								
	TRI: 72956STLYM610SD	n/a					16,816			
<a href="#">ABBOTT CHEMICALS INC</a> RD 2 KM 58.0 BARCELONETA, PR 00617 FRS ID: 110007806188  	AFS: 7201700003	never	12	S	2					
	ICI: 02-2004-1018 	n/a				1				
	RCR: PRD090131251	89								
	RCR: PRD987374451	397								
	TRI: 00617BBTTCROADN	n/a					407,994			

# Future Chemical/Pollutant Targeting

## Facility Name Search Results

 [Map Returned Facilities](#)



18 Records Returned

Entries in gray text denote records that are not federally required to be reported to EPA. These data may not be complete.

Facility Information <i>Select Name to Read Report</i>	Program ID#	Days Since Last Compliance Evaluation	Qtrs in Non Compliance (3 yrs)	Current Significant Violations	Informal Enforcement Actions/NOVs (5 yrs)	Formal Enforcement Actions (5 yrs)	Penalties (5 yrs)	TRI Releases to Air (lbs)	Selected TRI Pollutant Releases to Air (lbs)	NEI CAPs (tpy)	NEI HAPs (tpy)	Selected NEI Pollutants (tpy)	Percent Minority (3 mile radius)	Population Density (pop/mi <sup>2</sup> ) (3 mile radius)
	▼▲	▼▲	▼▲	▼▲	▼▲	▼▲	▼▲	▼▲	▼▲	▼▲	▼▲	▼▲	▼▲	▼▲
<a href="#">CHEVRON PRODUCTS COMPANY</a> 841 CHEVRON WAY RICHMOND, CA 94802	06013A0010	233	12	S	4	1	1,630,000	508,809	107,242	230	16	40	85%	915
<a href="#">CONOCOPHILLIPS COMPANY - WILMINGTON</a> 1660 W ANAHEIM ST WILMINGTON, CA 90744	06037CJ483	233	12	F	7	11	407,600	1,053,365	653,257	453	35	55	73%	6336
<a href="#">CONOCOPHILLIPS SANTA MARIA REFINERY</a> 2555 WILLOW RD ARROYO GRANDE, CA 93420	0607900509	242	10	S	9	3	912,250	21,729	12,957	8	2	5		
<a href="#">CONOCOPHILLIPS-SF REFINERY (PHILLIPS 66)</a> 1380 SAN PABLO AVE RODEO, CA 94572	06013A0016	233	9	S	3	1		179,561	125,420	50	22	31	65%	1141

# Future

## TRI & NEI Pollutant Specific Targeting

The image shows a screenshot of a web application interface for searching TRI and NEI pollutants. The browser window title is "Cannot find server - Microsoft Internet Explorer presented by Comcast". The address bar shows the URL: `http://63.160.3.204/cgi-bin/test/pollutant_search.cgi?sta`. The application interface is divided into several sections:

- TRI Chemical Releases:** Includes fields for TRI Reporter, TRI Hazardous Releases to Air, TRI Carcinogens Released to Air, and TRI Releases to Air. A green "SEARCH" button is located to the right.
- Chemical Search:** Contains a search input field and a "(Display only)" label.
- Demographic Profile:** Includes fields for "Percent Minority (3-mile radius):" and "Population Density (per square mile):".
- Submit Query:** Features a green button labeled "Search with Stand".

The main content area, titled "Chemical Selection", contains the following text and form elements:

You may enter one or more name fragments under the Chemical Name search option, separated by a space. If you enter more than one name fragment, the "Containing" Radio Button has to be selected. All chemical names in the EMCI are searched concurrently, including CAS index names, common names, and chemical names and descriptions used by program office systems. RCRA hazardous waste codes can also be searched as name fragments. More information about entering multiple fragments is available in the [user's guide](#).

**Data Source:**  TRI  NEI  Both Programs

**Search Option:** Chemical Name (dropdown menu)

**Value:** [Text input field]

Beginning With  Exact Match  Containing

[Submit button]

# Future: Year-to-Year Targeting



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## OTIS Search Results-[Pollutant Trend Query](#)

[Print](#) [Map](#) [Help](#)

[Toluene, Decrease  \$\geq\$  30%, 2003-2005](#)

10 Records Returned [Return to Query](#)

Facility Information <i>Select Name to Read Report</i>	TRIFID	CAA Facility Designation	Percent Change (%) ▼▲	Selected Chemical(s) Releases-TRI (lbs)			Total HAPS NEI 2002 (lbs) ▼▲	Total CAPS NEI 2002 (lbs) ▼▲
				2003 ▼▲	2004 ▼▲	2005 ▼▲		
<a href="#">PHILLIPS PIPE LINE COMPANY PASADENA TERMINAL</a> 100 JEFFERSON AT HWY. 225 PASADENA, TX 77506 110000497800 <span>C</span>	77501PHLLP100JE	Major	-30.9	5740	2835	3965	249042	356541
<a href="#">BP AMOCO TEXAS CITY BUSINESS UNIT</a> 2401 5TH AVENUE SOUTH TEXAS CITY, TX 77590 110000463784 <span>C</span>	77590MCLCM24015	Major	-30.9	159100	166838	109928	514189	41778577
<a href="#">SUPERIOR SOLVENTS 7 CHEMICAL DIV</a> 400 W. REGENT ST.	46225SPRRL400WR	Major	-30.9	127229	146977	87918	14060	22608