

# Guide to Using myRTK

This guide has been designed to help a new user become familiar with “my Right-to-Know” or “myRTK,” an EPA website optimized for mobile devices. You can use this tool to locate and learn about industrial facilities that use or manufacture toxic chemicals and are regulated under air, water, or hazardous waste environmental laws.

For example, users of myRTK may include:

- a mother with young children living near a power plant who wants to know what toxic chemicals are emitted and their potential health effects
- a family that is considering moving to a new neighborhood and wants to know what toxic chemicals are being released into the environment
- you work in a nearby town and are interested in finding out what industrial facilities are located in the area, what chemicals they release, and the facility’s compliance history.

myRTK can be accessed at: <http://myrtk.epa.gov/info/>

myRTK primarily presents chemical release and waste management information from EPA’s Toxics Release Inventory (TRI). To learn more about the TRI Program, visit: <http://www.epa.gov/tri/>

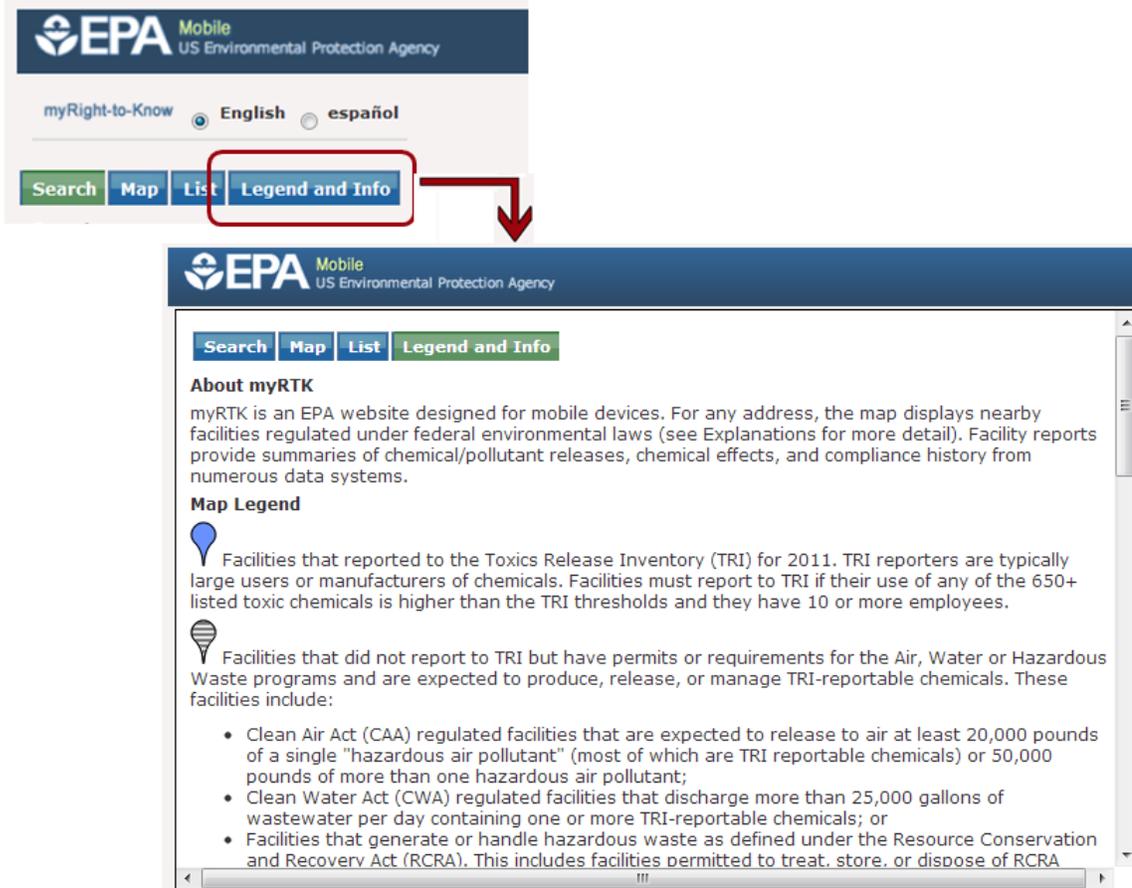
## Select a Language

You can choose to use myRTK in English or Spanish by selecting a language near the top of the main search page.

The image displays two side-by-side screenshots of the myRTK mobile application interface, illustrating the language selection process. Both screens feature the EPA Mobile logo at the top and a language selection menu with radio buttons for 'English' and 'español'. The left screenshot shows the English version selected, with a search form containing fields for 'Street', 'City', 'State', and 'Zip', and a 'Find Facilities' button. The right screenshot shows the Spanish version selected, with a search form containing fields for 'Calle', 'Ciudad', 'Estado', and 'Código postal', and a 'Busque instalaciones' button.

## View an Explanation of the Data

For information on the data contained in myRTK, click the **'Legend and Info'** button within the navigation bar, available at the top of all myRTK pages.



## Search Example #1:

Searches may return many facilities.

To conduct a search, select the ‘**Search**’ tab. Here, you can input an address, a city, or zip code of interest. For this example we inputted 02128 into the box next to “Zip”. After inputting the location, click the ‘**Find Facilities**’ button below the search boxes.

The ‘**Map**’ tab will appear with the results of the search. The address or center of the search area will be shown as a small blue dot. Typically, in this initial view (i.e., the default zoom level) of myRTK, you will see an area of 1.2 to 2 miles around the location.



EPA Mobile  
US Environmental Protection Agency

myRight-to-Know English español

Search Map List Legend and Info

Search  
Learn about nearby facilities and chemical releases.  
Enter an address/ZIP.

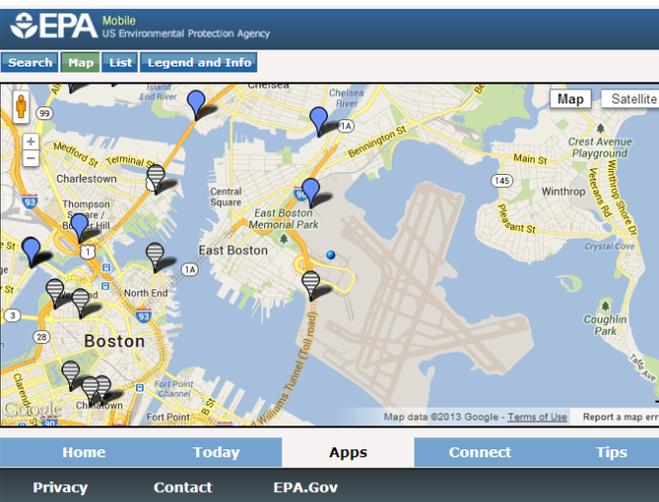
Street

City

State

Zip

Find Facilities

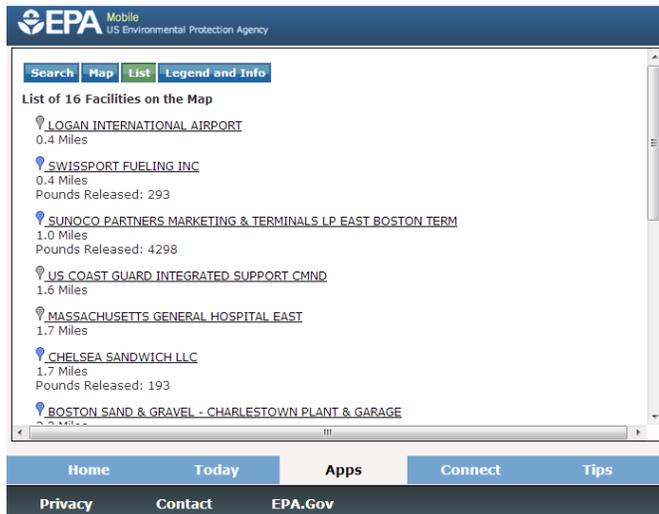


Blue markers represent facilities that reported to the Toxics Release Inventory Program for the most recent reporting year.

Grey striped markers represent facilities that did not report to the TRI Program but have other EPA records indicating that they may release or manage TRI-reportable chemicals.

(For further explanation of the markers, click the ‘**Legend and Info**’ tab in the navigation bar.)

To get a listing of the facilities shown on the map, click the ‘**List**’ tab. In this case, there are 14 facilities located on the map.



## Search Example #2:

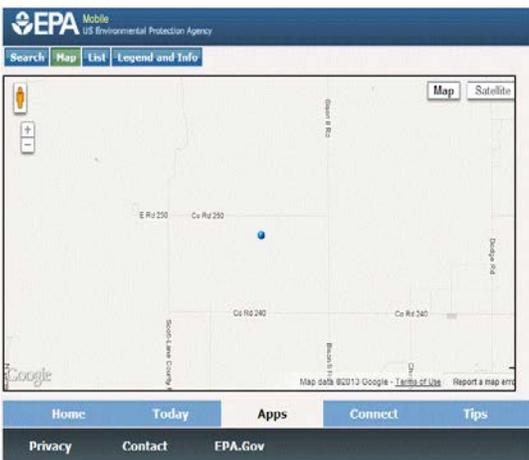
Many locations may not have any TRI facilities or other regulated facilities using TRI chemicals. This may be unknown to you when you begin a search.

For this example, we inputted 67805 into the box next to “Zip”. After inputting the location, click the ‘**Find Facilities**’ button below the search boxes.

No facilities appear in the map view, as shown below. The ‘**List**’ tab also confirms that no facilities are located on the map.



The screenshot shows the EPA Mobile app search interface. At the top, it says "EPA Mobile US Environmental Protection Agency". Below that, there are language options: "myRight-to-Know" with radio buttons for "English" (selected) and "español". There are four tabs: "Search" (highlighted in green), "Map", "List", and "Legend and Info". Under the "Search" tab, there is a heading "Search" and a sub-heading "Learn about nearby facilities and chemical releases. Enter an address/ZIP." Below this are four input fields: "Street", "City", "State", and "Zip". The "Zip" field contains the text "67805" and is highlighted with a red arrow pointing to it from the right. Below the input fields is a button labeled "Find Facilities" which is circled in red.



To see if there are facilities in the surrounding area and view a larger area, you can also zoom out by clicking once on the “-” button located towards the upper left corner of the map.

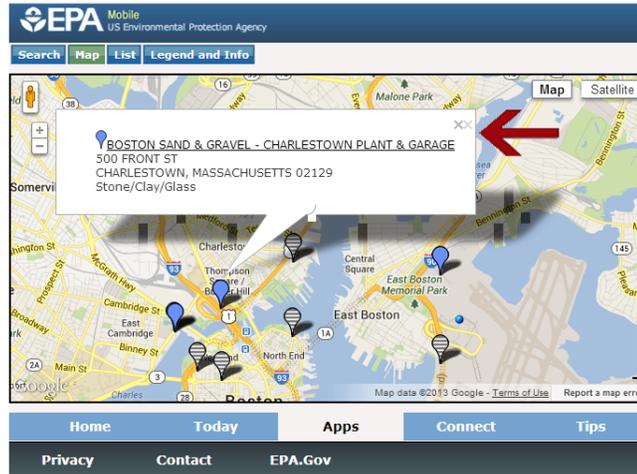
Note: MyRTK will not display any facilities if you zoom out too far, displaying too large of an area.

## Facility Reports

You can find details about any facility in two ways:

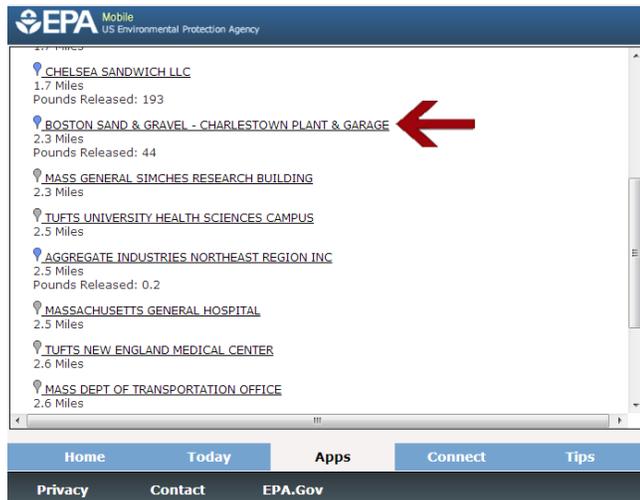
From the 'Map' view:

- Click on the **blue** or **grey** stripped marker of interest. The facility name, address, and industry type will appear. Click on the underlined facility name to view its **Facility Report** (indicated by the **red** arrow).



From the 'List' view:

- Click on the underlined facility name to view its Facility Report.



The **Facility Report** provides information such as:

	Blue markers	Gray stripped markers
Facility name, location	X	X
TRI industry type	X	
How the facility ranks compared to other TRI facilities	X	
How the facility may be similar to a TRI Facility		X
Chemical release amounts (in pounds) to air, water, and land.	X	
A list of chemicals released, including release quantities, and an indication of whether EPA has compiled information related to cancer or other health effects.	X	
Compliance history of the facility over the past three years	X	X

(Note that not all items listed above will be available or applicable in all cases.)

## Example of a Facility Report

### FACILITY REPORT



**BOSTON SAND & GRAVEL - CHARLESTOWN PLANT & GARAGE**  
 Toxics Release Inventory ID = 02129BSTNS500FR  
 500 FRONT ST, CHARLESTOWN, MASSACHUSETTS 02129  
 Industry: Stone/Clay/Glass

The name and location of the facility, along with the TRI industry type.

### CONTEXT

#### County

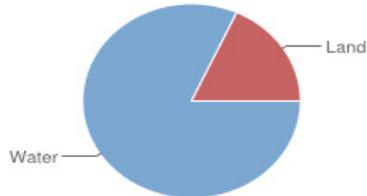
Less than 1% of TRI releases in SUFFOLK County, MA  
 21 TRI facilities in SUFFOLK County, MA

#### National

Ranks 436 out of 1164 TRI facilities in Industry: Stone/Clay/Glass  
 (Rank 1 = highest releases)

The facility ranking (by amount released in pounds) compared to other TRI facilities in the county and nation.

### ON SITE RELEASES TOTALS



Source	Pounds Released
Air	0
Water	36
Land	8

Chemical release amounts (in pounds) to different media: air (yellow), water (blue), land (red).

## ON SITE RELEASES BY CHEMICAL

	(Pounds Released)	Health Effects	
		Cancer	Other
<u>NITRATE COMPOUNDS</u>	44.0		✓
<u>LEAD</u>	0.0	✓	

■ Air    ■ Water    ■ Land

A listing of chemicals released, the dominant media of release, the quantity released, and whether EPA has compiled health effects information on the chemical related to cancer or 17 other health effects.

Click the underlined chemical name to find more detailed health effects information. Results are shown below.

## POLLUTION PREVENTION

Pollution Prevention Activities: ✓

If a facility has Pollution Prevention Activities, a checkmark will appear here. Click the checkmark to find the facility's Pollution Prevention data. Results are shown below.

## COMPLIANCE

Facility has permits/records for:

Air	Water	Land
	✓	✓

The compliance history of the company over the past three years by calendar quarter, the time since the last full inspection, and whether any enforcement actions have been taken in the past five years

3 Year Compliance Status (quarterly): (Apr10->Mar13)



By clicking 'More Compliance Data' a detailed facility report will be pulled from an EPA database which contains permit, inspection, violation, enforcement action, informal enforcement action, and penalty information from the last five years for the facility of interest. Results are shown below.

Last Full Inspection: 1267 days ago  
 Formal Enforcement Actions-5yr: no information available

[More Compliance Data](#)

## LINKS

- [When were myRTK data updated?](#)
- [What can I do?](#)
- [How can I find more TRI information?](#)
- [What other environmental information is there about my neighborhood?](#)

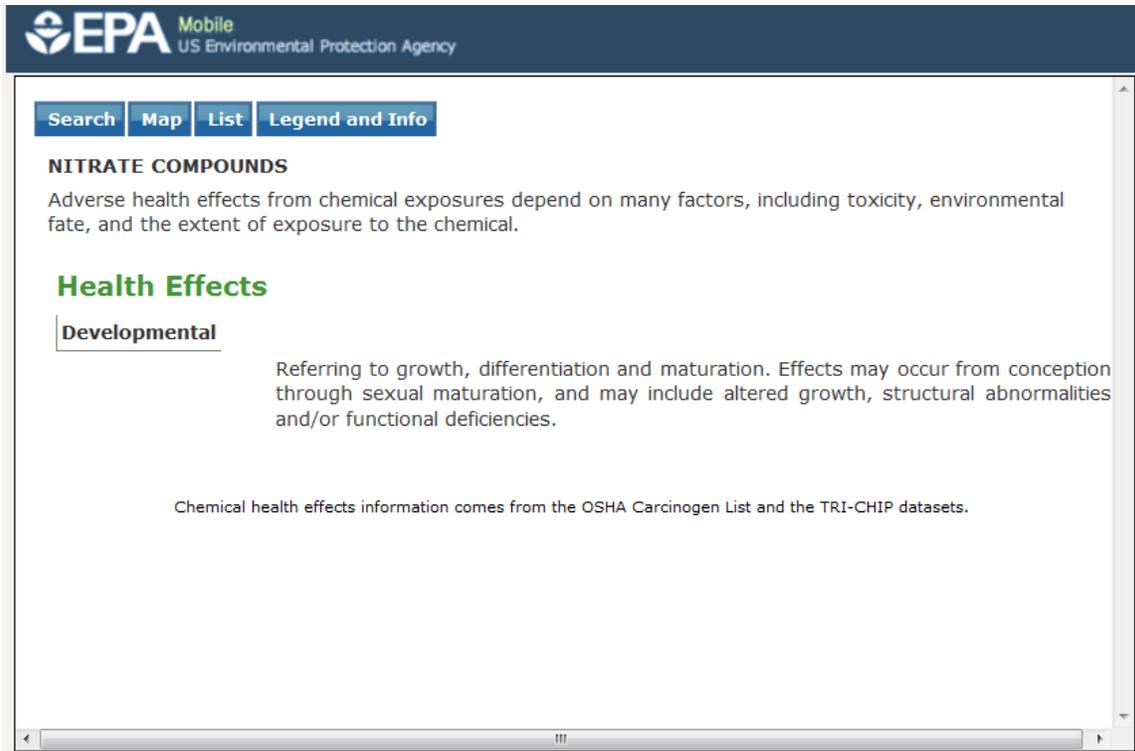
A link to scenarios and options on what you can do. Results are shown below.

A link to other TRI data resources and tools.

A link to EPA's myEnvironment tool that provides a cross-section of environmental info. for your area of interest. Results are shown below.

## Health Effects Information

From the facility report, section 'ON SITE RELEASES BY CHEMICAL', click the underlined chemical name to find more detailed health effects information. Below is a screenshot of the information found when you click on 'NITRATE COMPOUNDS'. Health information is taken from the OSHA Carcinogen List and TRI-CHIP, an EPA database compiling chemical health effects information from numerous sources. Clicking on the source information will bring up the TRI-CHIP web page.



The screenshot displays the EPA Mobile interface for 'NITRATE COMPOUNDS'. At the top, the EPA logo and 'Mobile US Environmental Protection Agency' are visible. Below the header, there are navigation tabs: 'Search', 'Map', 'List', and 'Legend and Info'. The main content area is titled 'NITRATE COMPOUNDS' and includes a paragraph: 'Adverse health effects from chemical exposures depend on many factors, including toxicity, environmental fate, and the extent of exposure to the chemical.' A section titled 'Health Effects' is highlighted in green, with a sub-section 'Developmental' underlined. The text under 'Developmental' reads: 'Referring to growth, differentiation and maturation. Effects may occur from conception through sexual maturation, and may include altered growth, structural abnormalities and/or functional deficiencies.' At the bottom of the content area, a note states: 'Chemical health effects information comes from the OSHA Carcinogen List and the TRI-CHIP datasets.'

## Pollution Prevention Activities Data

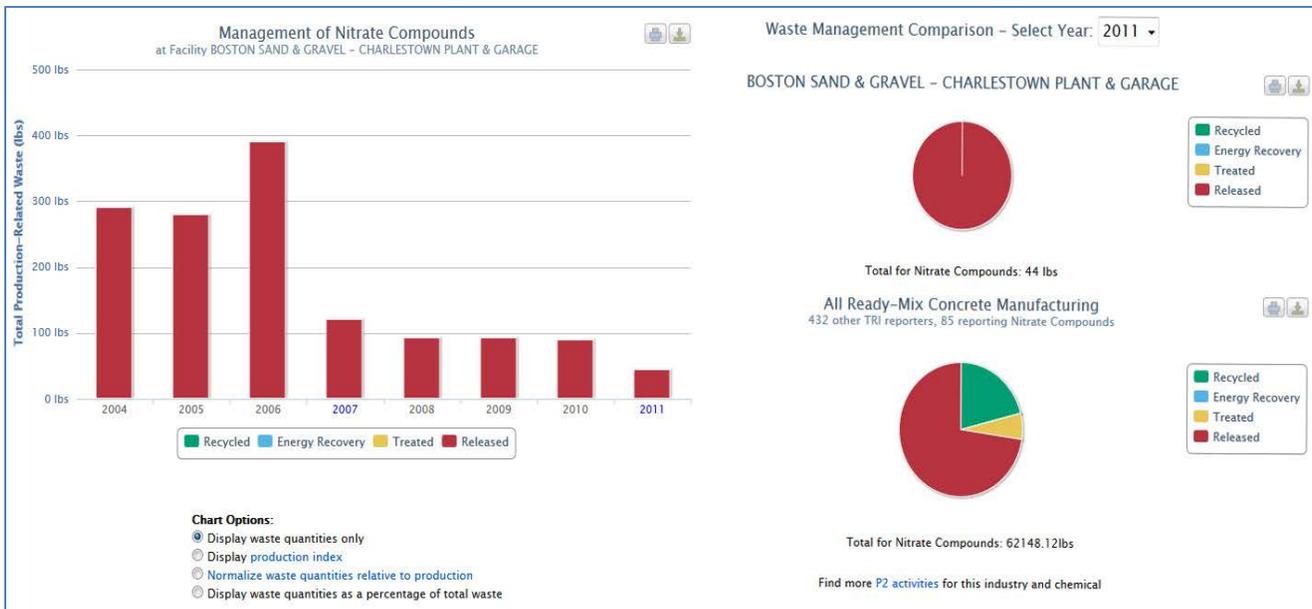
From the facility report, section ‘POLLUTION PREVENTION’, click the ‘Pollution Prevention Activities’ checkmark to find more information on a facility’s pollution prevention activities. A new window is opened to the relevant section of a larger EPA summary report of TRI data for the facility. The screenshot below provides an example of these results. Clicking on “P2 report” will bring up tables and charts presenting pollution prevention (P2) activities and waste management trends for the selected chemical. Clicking on “View all P2 information for this facility” will bring up a full list of P2 activities for all chemicals reported by this facility.

### Additional Source Reduction and Pollution Prevention Data:

*The P2 Report summarizes chemical-specific Pollution Prevention (P2) data for multiple years, including Newly Implemented Source Reduction Activities (Section 8.10) and Optional Pollution Prevention Information (Section 8.11). A "P2 Data" data entry indicates that P2 data was reported for that specific chemical and year. A NR signifies that no Pollution Prevention data was reported for that specific chemical and year.*

[View all P2 Information for this facility](#)

Chemical Name	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	P2 Report
NITRATE COMPOUNDS	P2 Data	NR	NR	NR	NR	NR	P2 Data	NR	NR	NR	P2 Data	P2 Report



## Compliance Data

From the facility report section 'COMPLIANCE', click the 'More Compliance Data' link to find more information on a facility's compliance with federal environmental regulations. A Detailed Facility Report is opened in EPA's ECHO database. The screenshot below provides an example report.

### Detailed Facility Report

For Public Release - Unrestricted Dissemination Report Generated on 02/26/2013  
 US Environmental Protection Agency - Office of Enforcement and Compliance Assurance

Gray text in this report indicates information that is not required to be reported to EPA. These data, typically regarding non-major or smaller facilities, are often incomplete.

#### Facility Permits and Identifiers

[Data Dictionary](#)

Statute	System	Source ID	Facility Name	Street Address	City	State	Zip
	FRS	110013408861	BOSTON SAND AND GRAVEL PLANT & GARAGE	500 FRONT STREET	BOSTON (CHARLESTOW	MA	02129
CWA	ICP	MAR05C046	BOSTON SAND & GRAVEL	500 FRONT STREET	CHARLESTOWN	MA	02129
CWA	ICP	MA0000531	BOSTON SAND & GRAVEL CO	500 FRONT STREET	CHARLESTOWN	MA	02129
CAA	NEI	NEIMA0250703	BOSTON SAND & GRAVEL CHARLESTOWN PLANT & GARAGE			MA	02129
RCRA	RCR	MAD982191033	BOSTON SAND & GRAVEL CO	189 PORTLAND ST	BOSTON	MA	02114
EP313	TRI	02129BSTNS500FR	BOSTON SAND & GRAVEL - CHARLESTOWN PLANT & GARAGE	500 FRONT ST	CHARLESTOWN	MA	02129

#### Facility Characteristics

[Data Dictionary](#)

Statute	Source ID	Universe	Status	Areas	Permit Expiration Date	Latitude/ Longitude	Indian Country?	SIC Codes	NAICS Codes
	110013408861					LRT: 42.370971 -71.085717	No		
CWA	MAR05C046	Minor, General Permit Covered Facility	Admin Continued		10/29/2005	42.384310, -71.061610	No	3273	
CWA	MA0000531	Minor, NPDES Individual Permit	Admin Continued		08/31/2012	42.384111, -71.062194	No	3273	
RCRA	MAD982191033		Inactive				No	4231	32732
EP313	02129BSTNS500FR					42.3797, -71.0767	NA	3273	327320

If the CWA permit is past its expiration date, this normally means that the permitting authority has not yet issued a new permit. In these situations, the expired permit is normally administratively extended and kept in effect until the new permit is issued.

For the RCRA program, activities that contribute to an overall facility status of Active are displayed in parentheses using the acronym HPACS, where H indicates handler activities, P - permitting, A - corrective action, C - converter, and S - state-specific. More information is available in the Data Dictionary.

#### Inspection and Enforcement Summary Data

[Data Dictionary](#)

Statute	Source ID	Insp. Last 05Yrs	Date of Last Inspection	Formal Enf Act Last 05 Yrs	Penalties Last 05 Yrs
CWA	MAR05C046	1	04/08/2009	0	\$00
CWA	MA0000531	1	04/08/2009	0	\$00
RCRA	MAD982191033	1	09/29/2009	0	\$00

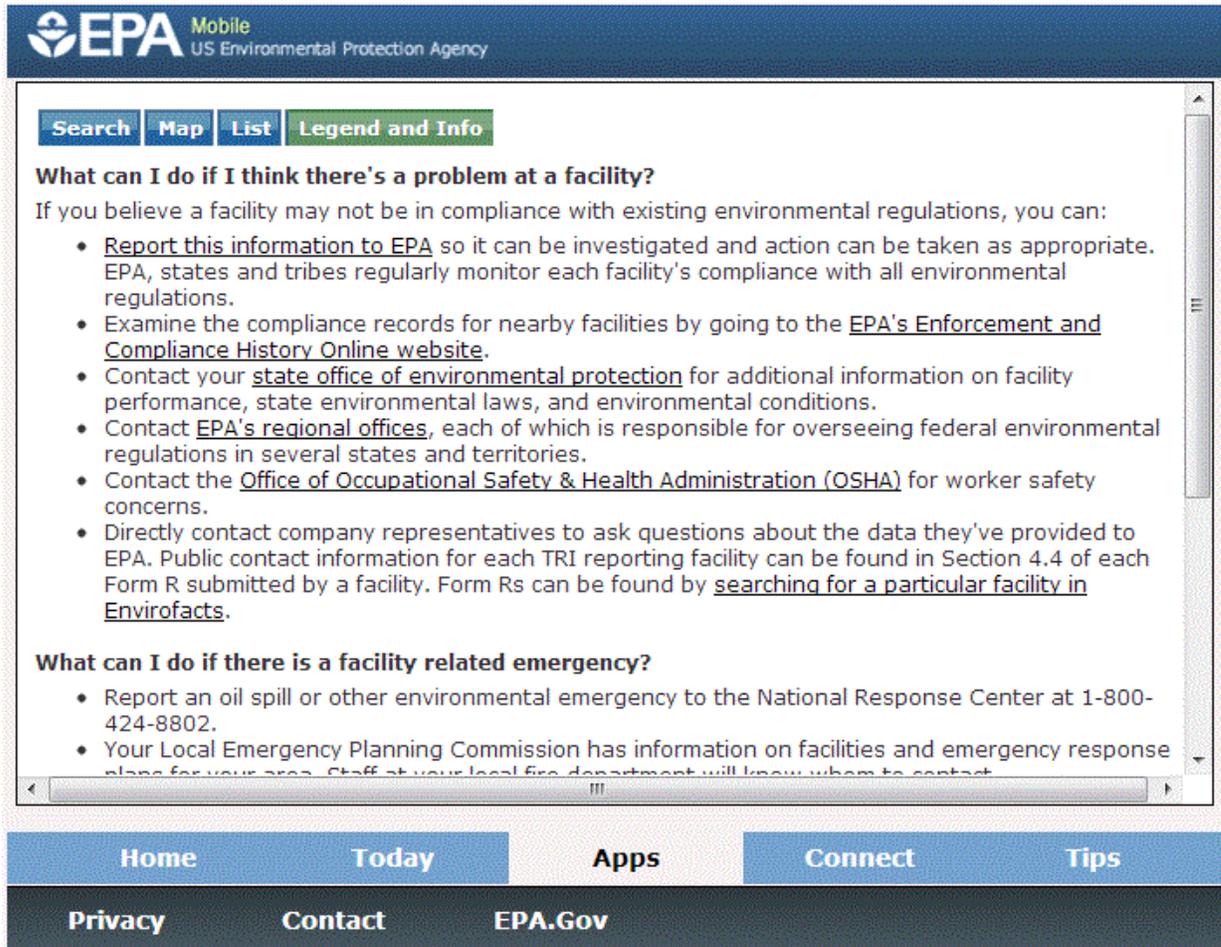
#### Compliance Monitoring History (05 years)

[Data Dictionary](#)

Statute	Source ID	System	Inspection Type	Lead Agency	Date	Finding
CWA / §311	1400044735	ICIS	Evaluation	EPA	04/08/2009	
CWA	MAR05C046	ICP	Evaluation (CEI); NPDES - Stormwater - Non-Construction	EPA	04/08/2009	
CWA	MA0000531	ICP	Evaluation (CEI); NPDES - Base Program	EPA	04/08/2009	

## What Can I Do?

From the facility report, section 'links', click on the underlined "What Can I Do?" link to find information on what you can do if you think there is a problem at a facility, if there is a facility-related emergency, if you suspect errors in the data, or if you want to find more TRI information. Below is a screenshot of the page.



The screenshot shows the EPA Mobile website interface. At the top, the EPA logo and 'Mobile US Environmental Protection Agency' are displayed. Below the logo is a navigation bar with buttons for 'Search', 'Map', 'List', and 'Legend and Info'. The main content area is titled 'What can I do if I think there's a problem at a facility?' and provides instructions on how to report a problem, including links to EPA's Enforcement and Compliance History Online website, state environmental protection offices, EPA's regional offices, and OSHA. Below this, there is a section titled 'What can I do if there is a facility related emergency?' with instructions on how to report an oil spill or other environmental emergency to the National Response Center and local emergency planning commissions.

**EPA Mobile**  
US Environmental Protection Agency

Search Map List Legend and Info

**What can I do if I think there's a problem at a facility?**

If you believe a facility may not be in compliance with existing environmental regulations, you can:

- [Report this information to EPA](#) so it can be investigated and action can be taken as appropriate. EPA, states and tribes regularly monitor each facility's compliance with all environmental regulations.
- Examine the compliance records for nearby facilities by going to the [EPA's Enforcement and Compliance History Online website](#).
- Contact your [state office of environmental protection](#) for additional information on facility performance, state environmental laws, and environmental conditions.
- Contact [EPA's regional offices](#), each of which is responsible for overseeing federal environmental regulations in several states and territories.
- Contact the [Office of Occupational Safety & Health Administration \(OSHA\)](#) for worker safety concerns.
- Directly contact company representatives to ask questions about the data they've provided to EPA. Public contact information for each TRI reporting facility can be found in Section 4.4 of each Form R submitted by a facility. Form Rs can be found by [searching for a particular facility in Envirofacts](#).

**What can I do if there is a facility related emergency?**

- Report an oil spill or other environmental emergency to the National Response Center at 1-800-424-8802.
- Your Local Emergency Planning Commission has information on facilities and emergency response plans for your area. Staff at your local fire department will know whom to contact.

Home Today Apps Connect Tips

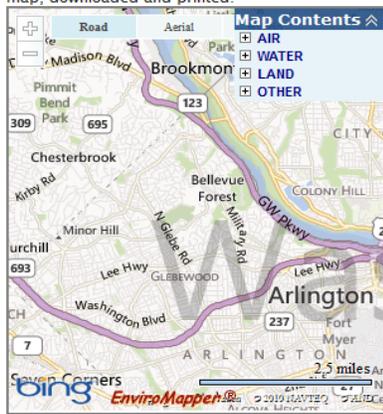
Privacy Contact EPA.Gov

## What other environmental information is there about my neighborhood?

More environmental information for your area of interest can be found at [MyEnvironment](#). MyEnvironment allows you to enter a location such as address, zip, city, county, waterbody, park name, etc. resulting in a cross-section of information covering air, water, energy, health, land, community activities, environmental reports, and map of facilities. Below is a screen shot of a portion of the results in MyEnvironment.

### MyMaps

View maps of EPA and partner data specific to your area of interest. Information on Air, Water, Land, Community, Health and Energy can be visualized on map, downloaded and printed.

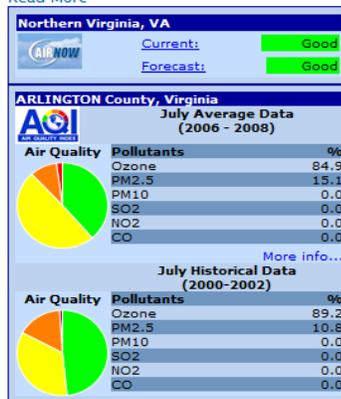


[More Maps](#)

### MyAir

The AQI is an index for reporting daily air quality. It tells you how clean or polluted your air is, and what associated health effects might be a concern for you.

[Read More](#)



[More Air](#)

### MyWater

The Assessment Total Maximum Daily Load (TMDL) Tracking and Implementation System (ATTAINS) provides information reported by the states to EPA about the conditions in their surface waters. This information is required every two years under Clean Water Act Sections 305(b) and 303(d). [Read More](#)

Name	Type	Size	Status
POTOMAC DC	Artificial Path	3.4 miles	Impaired
Gulf Branch	River	1.4 miles	Not Assessed
DALECARLIA TRIBUTARY			Impaired
Pimmit Run	River	2.5 miles	Impaired
WASHINGTON SHIP CHANNEL	Artificial Path	2.1 miles	Impaired
NORMANSTONE CREEK	River		Impaired
Potomac River/Difficult Run/Nichols Run	Artificial Path	2.7 miles	Not Assessed
Potomac River/Difficult Run/Nichols Run	Lake	135.2 acres	Not Assessed
Potomac River/Difficult	River	63.5	Not

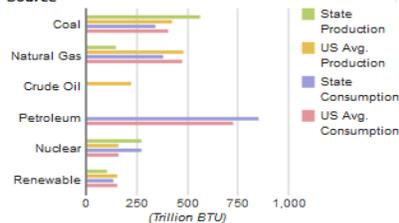
[More Water](#)

### MyEnergy

The State Energy Data System (SEDS) is the U.S. Energy Information Administration's (EIA) source for comprehensive State energy statistics. Included are estimates of energy production, consumption, prices, and expenditures broken down by energy source and sector.

[State Data](#) [Comparisons](#)

Virginia: 2010 Energy Production vs. Consumption by Source

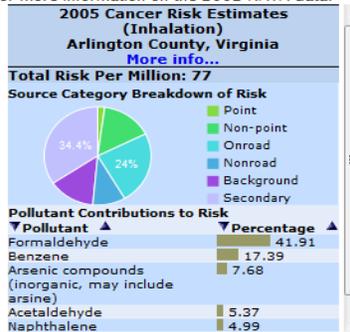


Data Source: [DOE EIA](#)

[More Energy](#)

### MyHealth

Toxic air pollutants, or air toxics, are those pollutants known or suspected of causing cancer or other serious health problems, such as birth defects. Not all air pollutants are considered - please visit the [NATA Web site](#) for more information on the 2002 NATA data.



[More Health](#)

### MyLand

The National Priorities List (NPL) is the list of national priorities among the known releases or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States and its territories. [Read More](#)

There are no Proposed, Final or Deleted NPL Sites in this area.

[More Land](#)