



***E-Plan for Emergency Response***

**Mathew Marshall, Lead Instructor  
Cutting Edge Planning and Training, Inc.**

## 40 CFR Part 370.10

# Who must comply with the hazardous chemical reporting requirements?

- (a) You must report if OSHA requires your facility to prepare or have available MSDS (SDS) for a hazardous chemical and if either of the following conditions is met:
- (1) An **EHS** is present at your facility at any one time in an amount equal to or greater than **500 pounds** (227 kg—approximately 55 gallons) or TPQ.
  - (2) **Non-EHS** is present at your facility at any one time in an amount equal to or greater than **10,000 pounds** (or 4,540 kg).
- (b) The threshold level for responding to the following requests is zero.
- (1) If your LEPC requests that you submit an MSDS for a hazardous chemical for which you have not submitted an MSDS to your LEPC; or
  - (2) If your LEPC, SERC, or the fire department with jurisdiction over your facility requests that you submit Tier II information.



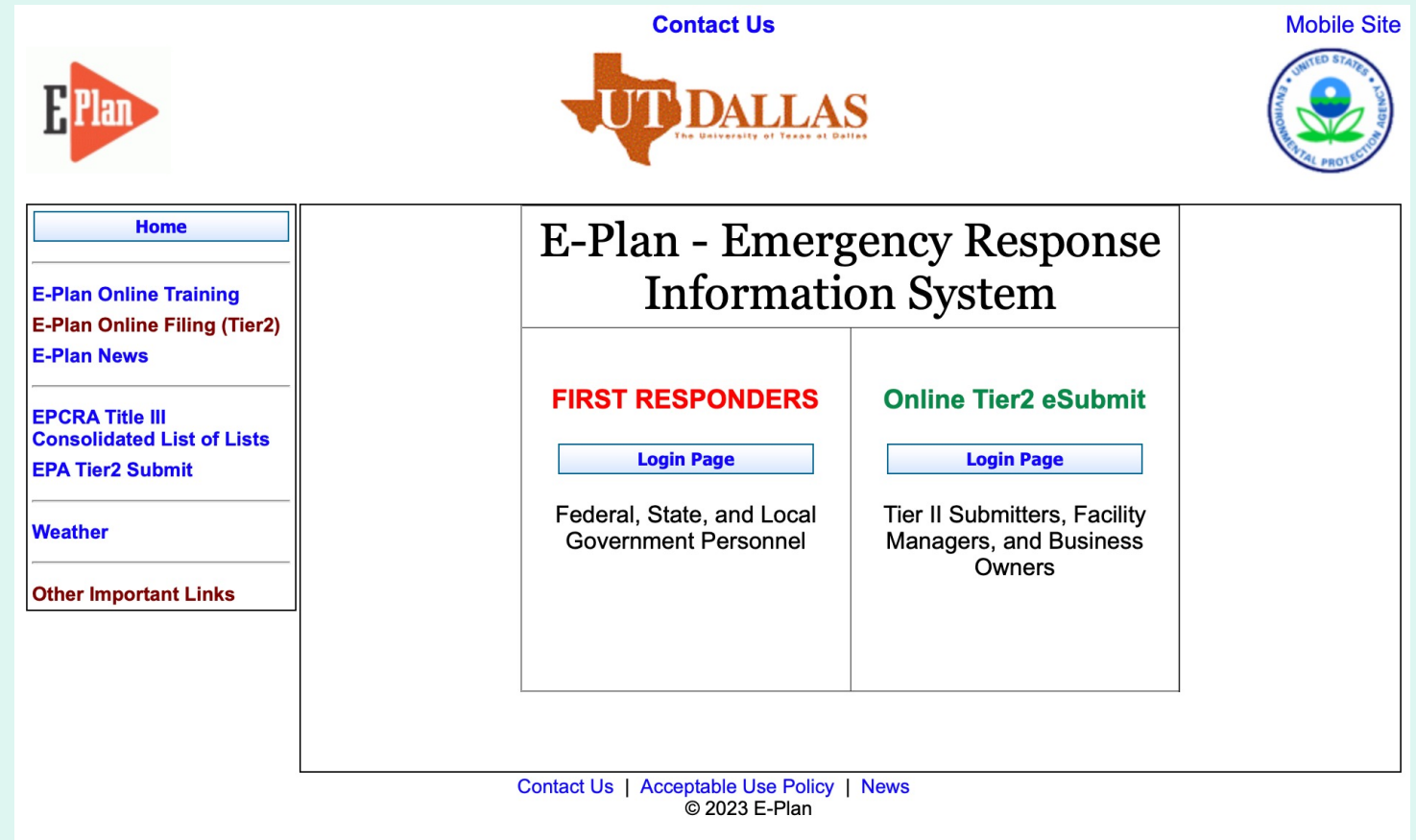
When every second matters...

- **Designed and developed PRIOR to 9/11/01 through a cooperative agreement between EPA and UTD.**
- **Presents facility and chemical hazards data in a easily accessible format that puts critical information first, is easy to use, and concise.**
- **Search for:**
  - **Individual and grouped facilities**
  - **Facilities in specific geographic area**
  - **Facilities with specific chemicals and/or quantities**
  - **Display facilities with schools and hospitals in Google Maps**
  - **Plume modeling**

# E-Plan Main Page

Web Address:

*Erplan.net*



The screenshot shows the E-Plan website main page. At the top left is the E-Plan logo. In the top center is the 'Contact Us' link. At the top right is the 'Mobile Site' link and the EPA logo. The main content area is titled 'E-Plan - Emergency Response Information System'. It features two columns of links: 'FIRST RESPONDERS' with a 'Login Page' button for Federal, State, and Local Government Personnel; and 'Online Tier2 eSubmit' with a 'Login Page' button for Tier II Submitters, Facility Managers, and Business Owners. A left sidebar contains links for Home, E-Plan Online Training, E-Plan Online Filing (Tier2), E-Plan News, EPCRA Title III Consolidated List of Lists, EPA Tier2 Submit, Weather, and Other Important Links. The footer includes 'Contact Us | Acceptable Use Policy | News' and '© 2023 E-Plan'.

[Contact Us](#)

[Mobile Site](#)

**E-Plan**

**UT DALLAS**  
The University of Texas at Dallas

**E-Plan - Emergency Response Information System**

**FIRST RESPONDERS**

[Login Page](#)

Federal, State, and Local Government Personnel

**Online Tier2 eSubmit**

[Login Page](#)

Tier II Submitters, Facility Managers, and Business Owners

[Home](#)

[E-Plan Online Training](#)

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[E-Plan News](#)

[EPCRA Title III Consolidated List of Lists](#)

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# How to Sign Up for Access

[Contact Us](#) [Mobile Site](#)



[Home](#)

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[E-Plan Online Filing \(Tier2\)](#)  
[E-Plan News](#)

[EPCRA Title III Consolidated List of Lists](#)  
[EPA Tier2 Submit](#)

[Weather](#)

[Other Important Links](#)

## E-Plan for First Responders

UserID  [Forgot User Id](#)

Password  [Forgot Password](#)

Don't have an E-Plan's User ID? [Create First Responder Account](#)

### E-Plan - Delivering Vital Hazmat Information to First Responders


E-Plan is the Nation's Largest Database of Facility Hazards Data with over 200,000 Tier II facilities and 12,000 RMP facilities.

*It is simple and easy for First Responders and State and Federal users to use.*

E-Plan is a proven system that provides First Responder and others with on-site hazardous chemical information for facilities around the United States. It utilizes emergency contact and hazardous material information submitted under the U.S. Environmental Protection Agency (EPA) regulations and sends it via the Internet to First Responders just when they need it the most.

E-Plan provides Tier II reporting data and other important information instantly such as

1. Chemical plume mapping,
2. Maps of the area surrounding a fixed facility showing schools and hospitals,
3. Maps of all facilities with a specified hazardous material in a specific area,
4. Chemical Hazards Response Information System (CHRIS) data,
5. Safety Data Sheets (SDS's),
6. Emergency Response Guidebook (ERG) pages,
7. National Fire Protection Association (NFPA) codes, and
8. Facility Risk Management Plans (RMPs).



E-Plan  
A federally sponsored, highly secure system designed to make hazardous material information immediately available online.

\* fields are mandatory

Account Type\*

Desired Level of Access\*

Organization\*

Occupational Title\*

First Name\*

Last Name\*

Work Email\*

UserID\*

Password\*

Password should be at least 8 characters long with at least one uppercase, one lowercase, one digit and one special character. Valid special characters are +, -, #, @

Work Address\*

City\*

State \*

County\*

Zip Code \*

5 digit code only

Work Telephone \*

Supervisor's Name \*

Supervisor's Phone Number \*

Password Question

Password Answer

Save and Continue

Cancel

# Accessing *E-Plan* Demo Site



[Contact Us](#)



[Mobile Site](#)



[Home](#)

[E-Plan Online Training](#)  
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[E-Plan News](#)

[EPCRA Title III Consolidated List of Lists](#)  
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[Weather](#)

[Other Important Links](#)

## E-Plan for First Responders

UserID  [Forgot User Id](#)  
Password  [Forgot Password](#)

[Don't have an E-Plan's User ID? Create First Responder Account](#)

### E-Plan - Delivering Vital Hazmat Information to First Responders

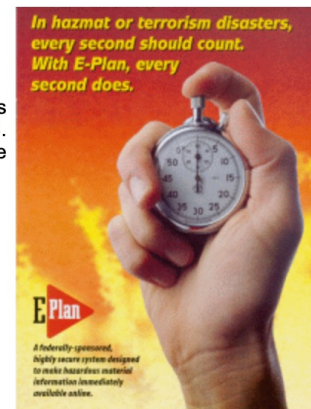
E-Plan is the Nation's Largest Database of Facility Hazards Data with over 200,000 Tier II facilities and 12,000 RMP facilities.

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8. Facility Risk Management Plans (RMPs).



# Chemical Search

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#### Search Functions

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[Weather](#)

[Other Important Links](#)

## Facility Search

Search for Facility(ies) by giving search parameter

Facility ID

Facility

Company

Street Address

State

County/Parish

City

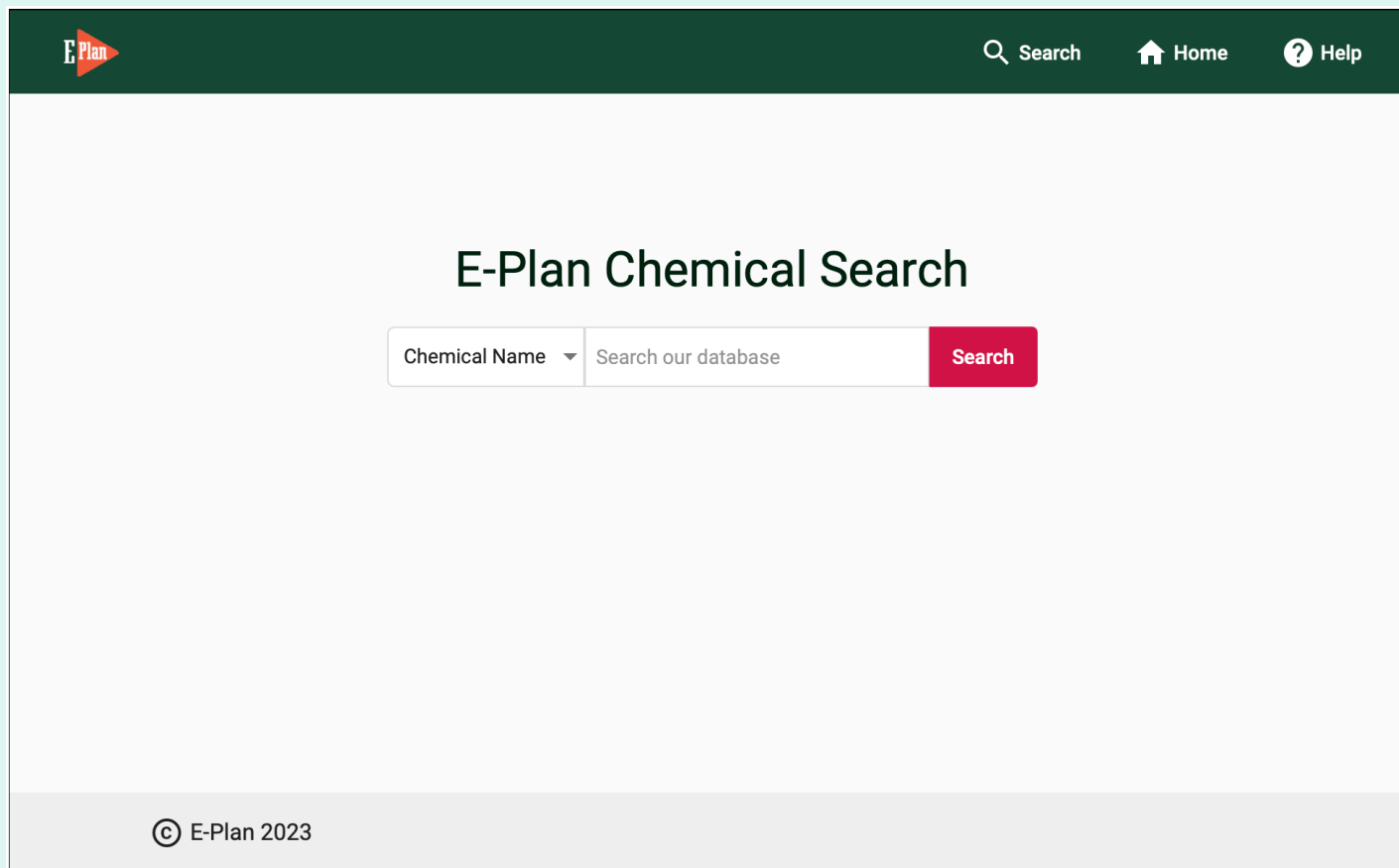
ZipCode

NAICS

- 302  
 304  
 311



# *E-Plan Chemical Search*



The screenshot shows the E-Plan Chemical Search website. At the top left is the E-Plan logo. The top right navigation bar contains a search icon, the text "Search", a home icon, the text "Home", and a help icon, the text "Help". The main content area features the title "E-Plan Chemical Search" centered. Below the title is a search form with a dropdown menu labeled "Chemical Name", a text input field containing the placeholder "Search our database", and a red "Search" button. The footer contains the copyright notice "© E-Plan 2023".

E-Plan

Search Home Help

## E-Plan Chemical Search

Chemical Name Search our database Search

© E-Plan 2023

## E-Plan Chemical Search

Chemical Name

15 Results

- CHLORINE
- CHLORINE MOL.
- CHLORINE, LIQUEFIED
- MOLECULAR CHLORINE
- DIATOMIC CHLORINE

# Search Results












Add Filter

Print

CSV

XLSX

PDF

CAS Number	Chemical Name	Safety Data Sheet	ERG Guide	UNDOT Number	NFPA Code	Details
7782505	CHLORINE					<a href="#">Details</a>
7790912	CHLORINE TRIFLUORIDE					<a href="#">Details</a>
13637633	CHLORINE PENTAFLUORIDE					<a href="#">Details</a>

## Chemical Details

Chemical Name : CHLORINE  
CAS Number : **7782505**

UNDOT Number :




ERG Guide :





NFPA Code :



## EHS Chemical Details

Chemical Name	CAS Number	EHS TPQ(lbs) 
Chlorine	7782505	100

Items per page: 5 1 – 1 of 1  

## Safety Data Sheets



# Features with Access

**Facility Search**

Search for Facility(ies) by giving search parameter

Facility ID

Facility

Company

Street Address

State

County/Parish

City

ZipCode

NAICS

Filing Type

- Submission TAB
- 302
- 304
- 311
- Tier2
- TRI
- Emergency Plan
- RMP (by Tier2 User)
- RMP (by EPA)

Filing Year

Search by Submission date (UTC)  to

Newly submitted or modified facilities since last login

302  
311  
Tier 2  
RMP

18, 19, 20, 21  
& Most recent  
2022

Newly  
submitted or  
modified

# Features with Access

## Facility Search Result

[Download Tier2 Zi](#)

(Click to omit attachments)

[Google Map](#)


[Download Public E](#)

[Download Excel Fi](#)

Sort by  Type  [Download PDF](#)

[Download Multiple](#)

Showing 6 of 6 result(s)

 indicates facility with uploaded document(s)

No.	Id	Facility Name	Company Name	Filing Type by Submitter	Filing Year(Type)	Street Address	City	County	State
1	4515728	ABC Chemical Company (DEMO)	Cutting Edge Planning & Training Inc.	302 Tier2	2013 (Tier2)	90 3rd Street	Bonita Springs	Live Oak	TX
2	6336713	ABC Chemical Company (DEMO)	Cutting Edge Planning & Training Inc.	302 Tier2	2017 (Tier2)	90 3rd Street	Bonita Springs	Live Oak	TX
3	6532121	ABC Chemical Company (DEMO)	Cutting Edge Planning & Training Inc.	302 Tier2	2018 (Tier2)	90 3rd Street	Bonita Springs	Live Oak	TX
4	1288139	DISTILL PETROLEUM CORPORATION (DEMO)	DISTILL PETROLEUM CORPORATION	Tier2	2009 (Tier2)	0007 GULF VALLEY STREET	OAKVILLE	Live Oak	TX
5	1288140	IGNO GAS COMPANY (DEMO)	IGNO NATURAL GAS COMPANY	Tier2	2009 (Tier2)	1234 MAIN STREET	OAKVILLE	Live Oak	TX

# Features with Access

Facility Information

Contact Information

Chemical Inventory

Additional Information\*\*

StateFields

## Facility Information

Facility Name	ABC Chemical Company
Company Name	Cutting Edge Planning & Training Inc.
Filing Year	2013
Department	
Physical Address	90 3rd Street Bonita Springs, Collier County FL - 34134
Latitude	26.314310
Longitude	-81.790293
USNG	17R MK 21119 10734
Location Description	AB - Administrative Building
Maximum No. of Occupants	435 (Manned)
Corporate Email	<a href="mailto:mathew.marshall0511@gmail.com">mathew.marshall0511@gmail.com</a>
Type of Facility	EPCRA 302 EPCRA 312 (Tier2)
Data Management	Last modified Date: 2014-05-20 15:08:09.0 UTC First Submit Date: 2014-02-04 14:43:55.0 UTC Data Submitted by: Mathew Marshall Data Entered by: Mathew Marshall(mathew.marshall0511@gmail.com), Access ID: 1014804
Facility Notes	Information not available

# Features with Access

Facility Information	Contact Information	Chemical Inventory	Additional Information**	StateFields
<b>Facility Contact Information</b>				
Name	Contact Type	Phone	Email	
Mathew Marshall	Emergency Contact	Mobile - Cell - 239-287-7069 24-hour - 2392877069	mathew.marshall0511@gmail.com	
Mathew Marshall	Owner / Operator	Mobile - Cell - 239-287-7069 24-hour - 2392877069	mathew.marshall0511@gmail.com	
Mathew Marshall	Tier II Information Contact	Mobile - Cell - 239-287-7069 24-hour - 2392877069	mathew.marshall0511@gmail.com	



# Features with Access

Facility Information	Contact Information	Chemical Inventory	Additional Information**	StateFields			
<b>Chemical Inventory Information</b>							
Chemical (Click for ERG link)	CAS #	Max Qty.	Avg Qty.	Max Amount in largest container (lbs)	NFPA Code 	Properties	Fact Sheets
Chlorine (EHS Chemical)	7782-50-5	689,098	49,098			Pure Liquid Gas EHS	<a href="#">SDS</a> <a href="#">MSDS</a> <a href="#">Profile</a> <a href="#">CHRIS</a>
<b>Physical Hazard:</b> Oxidizer (liquid, solid or gas) Gas under pressure (compressed gas)		<b>Health Hazard:</b> Acute toxicity (any route of exposure) Skin corrosion or irritation Serious eye damage or eye irritation Respiratory or skin sensitization Aspiration hazard					
<b>Synonyms:</b> Bertholite;Chlore (dot french);Chlorine;Chlorine mol.;Chlorine molecule (cl2);Cloro (dot spanish);Diatomic chlorine;Dichlorine;Molecular chlorine;							
<b>Storage Locations Type Pressure Temperature</b> 1 Building 3 Cylinder Greater than ambient pressure Ambient temperature							
Diethylene Glycol Monobutyl Ether	112-34-5	1,258,968	898,221	250,000		Pure Liquid	<a href="#">MSDS</a> <a href="#">Profile</a> <a href="#">CHRIS</a>
<b>Physical Hazard:</b> Explosive		<b>Health Hazard:</b> Skin corrosion or irritation					
<b>Synonyms:</b> 2-(2-butoxyethoxy) ethanol;2-(2-butoxyethoxy)ethanol;3,6-dioxa-1-decanol;Bdg-ns;Butadigol;Butoxydiethylene glycol;Butoxydiglycol;Butoxyethoxyethanol;Butyl carbitol;Butyl diglycol;Butyl digol;Butyl dioxitol;Butyl oxitol glycol ether;Diehylene;							
<b>Storage Locations Type Pressure Temperature</b> 1 NW Corner of building 2 Rail car Greater than ambient pressure Less than ambient temp. / not cryog							
ETHYLENE OXIDE (EHS Chemical)	75-21-8	650,000	250,000			Pure Liquid Gas EHS	<a href="#">SDS</a> <a href="#">MSDS</a> <a href="#">Profile</a>

# Features with Access

<a href="#">Facility Information</a>	<a href="#">Contact Information</a>	<a href="#">Chemical Inventory</a>	<a href="#">Additional Information</a>	<a href="#">StateFields</a>			
<b>Chemical Inventory Information</b>							
Chemical (Click for ERG link)	CAS #	Max Qty. (lbs)	Avg Qty. (lbs)	Max Amount in largest container (lbs)	NFPA Code <b>H F R S</b>	Properties	Fact Sheets
Chlorine (EHS Chemical) <a href="#">Show Chemical Plume</a>	7782-50-5	689,098	49,098		<b>4 0 0 OX</b>	Pure Liquid Gas EHS	<a href="#">SDS</a> <a href="#">MSDS</a> <a href="#">Profile</a> <a href="#">CHRIS</a>
<b>Physical Hazard:</b> Oxidizer (liquid, solid or gas) Gas under pressure (compressed gas)		<b>Health Hazard:</b> Acute toxicity (any route of exposure) Skin corrosion or irritation Serious eye damage or eye irritation Respiratory or skin sensitization Aspiration hazard					
<b>Synonyms:</b> Bertholite;Chlore (dot french);Chlorine;Chlorine mol.;Chlorine molecule (cl2);Cloro (dot spanish);Diatomic chlorine;Dichlorine;Molecular chlorine;							

ERG Book Page

SDS

MSDS




Chemical Profile

CHRIS Information




# Features with Access

Facility Information      Contact Information      Chemical Inventory      **Additional Information\*\***      StateFields

## Facility Documents

File Name	File Category	Description	Download
	Other	<a href="http://www.ceptinc.com">www.ceptinc.com</a>	<a href="#">File</a>
E-Plan training flyer-CEPT.pdf	Notification	E-Plan Class Flyer	
Draft-EPlan Best Practices for Authorizing Authorities.pdf	Other	Authorizing best practices	
ABC Chem Company Site Plan.jpg	Diagrams	Site Plan	

# Features with Access



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**Search Functions**

[Facility Search](#)

[Facility Chemical Search](#)

[Chemical Search](#)

[WMD Information](#)

[NIOSH Pocket Guide](#)

[ATSDR Toxic Profile](#)

[CHEMTREC](#)

[E-Plan Online Training](#)

[E-Plan Online Filing \(Tier2\)](#)

[E-Plan News](#)

[E-Plan Facilities/State](#)

[OSHA/EPA Occupational Chemical Database](#)

[DISASTERHELP.GOV](#)

[EPA's October 2006 Consolidated List of Chemicals](#)

[NOAA Chemical Response Tools](#)

[NOAA Oil Response Tools](#)

[U.S. Fire Administration](#)

[U.S. National Response Team](#)

[CAMEO Chemicals](#)

[EPA Tier2 Submit](#)

[Weather](#)

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[Facility Information](#) [Contact Information](#) [Chemical Inventory](#) [Additional Information](#) [State Fields](#)

**Facility - State Specific Fields**

**Chemical - State Specific Fields**



**Facility Name**

**Company Name**

**Filing Year**

**Department**

**Physical Address**

**Latitude**

**Longitude**

**USNG**

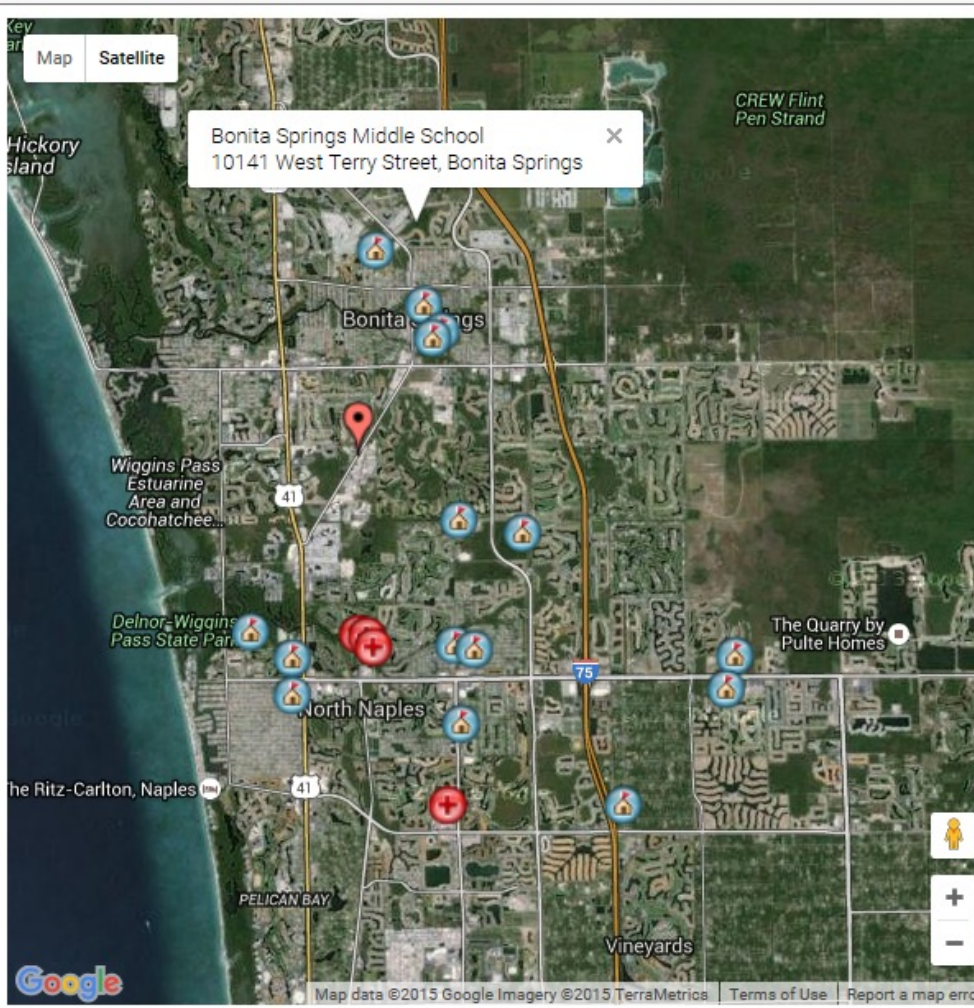
**Location Description**

**Maximum No. of Occupants**

**Corporate Email**

**Type of Facility**

**Data Management**



**Icon Legend**

- Hospital
- School
- Facility

This map shows the nearest schools and hospitals within a 5 mile radius of the facility.

- Bonita Springs Elementary Sc...
- Bonita Springs School Inc
- Arrowhead Golf Course
- Bonita Springs Charter School
- NCH North Naples Hospital
- Vineyards Elementary School
- Royal Palm Academy
- Bonita Springs Middle School

[More results](#)

Data Submitted by: **Mathew Marshall**

Data Entered by: **Mathew Marshall**(mathew.marshall0511@gmail.com), Access ID: **1014804**

**Dun & Bradstreet** - 060606672 -  
**NAICS** - 111111 -

**Facility Notes**

Information not available

- Show Google Map
- Advance Google Map**
- Printer Friendly Version
- Detailed View
- Download Tier2 Zip File
- Download Google Earth File
- Download Tier II Report**
- Facility Weather

# Features with Access



Welcome Demo

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- Search Functions**
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- [Facility Visual Search](#)
- [Chemical Search](#)
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- [OSHA Occupational Chemical Database](#)
- [DisasterAssistance.gov](#)
- [EPCRA Title III Consolidated List of Lists](#)

- [Chemical Hazards Emergency Medical Management](#)

- [NOAA Guide to Responder Tools](#)

- [U.S. Fire Administration](#)
- [U.S. National Response](#)

## Chemical In Facility Search

Search for a Chemical in different Facilities by giving search parameter

Chemical Name	<input type="text"/>
CAS Number	<input type="text"/>
Facility Name	<input type="text"/>
Company Name	<input type="text"/>
Quantity Range in Pounds	<input type="text" value="Any Quantity"/>
Quantity Greater Than Value in Pounds	<input type="text"/>
Select State	<input type="text" value="All"/>
Select County/Parish	<input type="text" value="All"/>
Enter City Name	<input type="text"/>
Zip Code	<input type="text"/>
Filing Type	<input type="checkbox"/> 302 <input type="checkbox"/> 311 <input type="checkbox"/> 312 (Tier2) <input type="checkbox"/> RMP
Filing Year	<input type="text" value="All"/>
SIC Code	<input type="text"/>
NAICS Code	<input type="text"/>

# Features with Access: Vicinity Search

[Home](#)

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**Search Functions**

[Facility Search](#)

[Facility Chemical Search](#)

[Facility Visual Search](#)

---

[Chemical Search](#)

[WMD Information](#)

[NIOSH Pocket Guide](#)

[ATSDR Toxic Profile](#)

[CHEMTREC](#)

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[E-Plan Online Training](#)

[E-Plan Online Filing \(Tier2\)](#)

[E-Plan News](#)

[E-Plan Facilities/State](#)

## Facility Search

Search for Facility(ies) by giving search parameter

Facility Name

Company Name

Street Address

Select State

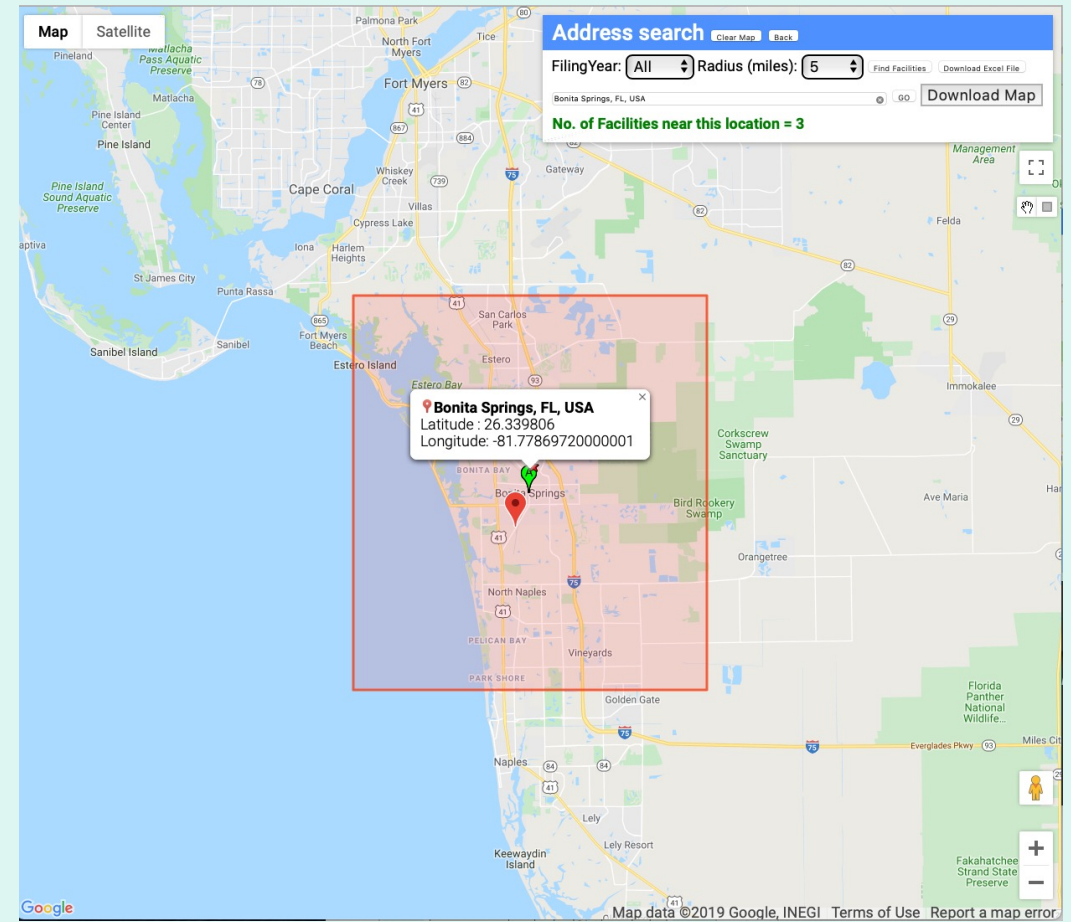
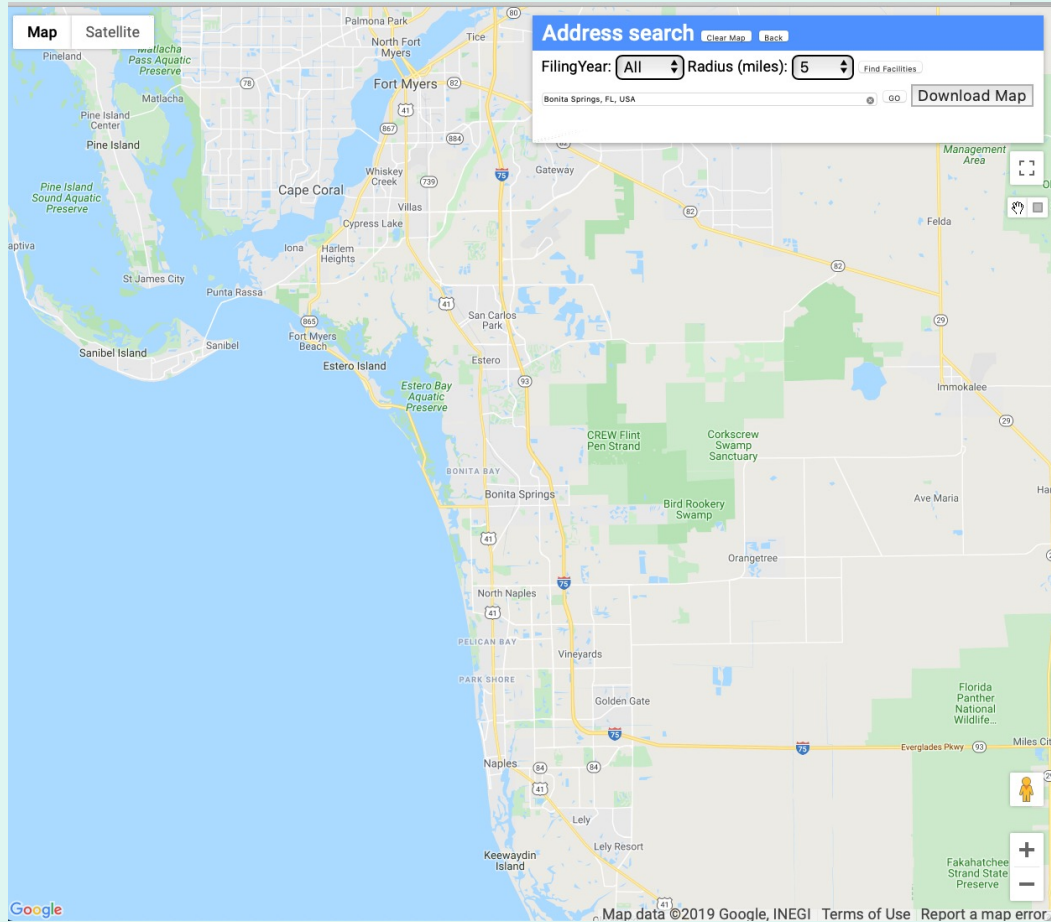
Select County/Parish

City Name

Zip Code

Filing Type

Filing Year



# *Features with Access*



# New Feature: Plume Modeling

<a href="#">Show Google Map</a>	<a href="#">Advance Google Map</a>	<a href="#">Printer Friendly Version</a>	<a href="#">Detailed View</a>
<a href="#">Download Tier2 Zip File</a>	<a href="#">Download Google Earth File</a>	<a href="#">Download Tier II Report</a>	<a href="#">Facility Weather</a>

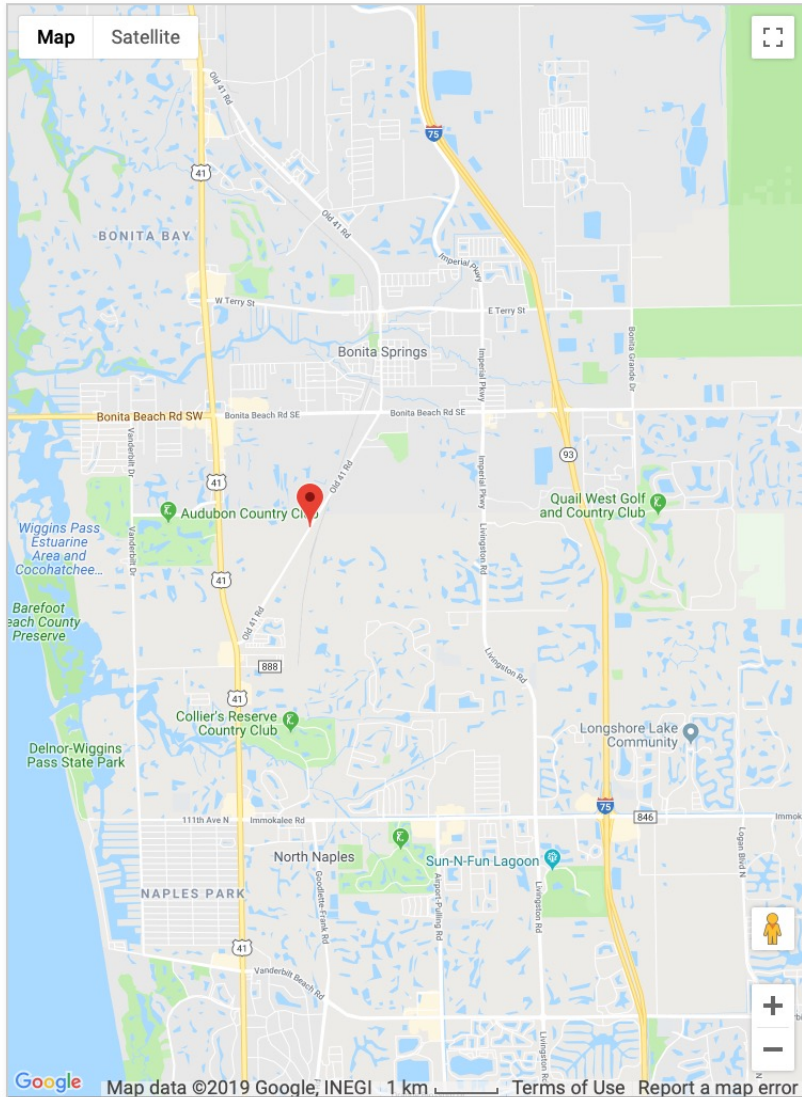
## Facility Contact Information

Name	Contact Type	Phone	Email
Mathew Marshall	Emergency Contact	Mobile - Cell - 239-287-7069 24-hour - 2392877069	mathew.marshall0511@gmail.com
Mathew Marshall	Owner / Operator	Mobile - Cell - 239-287-7069 24-hour - 2392877069	mathew.marshall0511@gmail.com
Mathew Marshall	Tier II Information Contact	Mobile - Cell - 239-287-7069 24-hour - 2392877069	mathew.marshall0511@gmail.com

## Chemical Inventory Information

Chemical (Click for ERG link)	CAS #	Max Qty. (lbs)	Avg Qty. (lbs)	Max Amount in largest container (lbs)	NFPA Code H F R S	Properties	Fact Sheets
Chlorine (EHS Chemical) <a href="#">Show Chemical Plume</a>	7782-50-5	689,098	49,098		3 0 0 OX	Pure Pressure Liquid Gas Acute Chronic Reactive EHS	<a href="#">MSDS</a> <a href="#">Profile</a> <a href="#">CHRIS</a>

## Real-Time Chemical Plume Mapping & Information Reporting



### Basic Information

**Plume Server Time:**  
**9:37:44 6/14/2019 CDT**

**Session Remain Minutes:** **37:58**

**Redraw Time (0.5 to 10 minutes):**

### Chemical Information

**Chemical Name:**

**Chemical CAS#:**

**Toxic Levels of Concern:**

- **AEGL-3 (60 min):20.0 ppm**
- **AEGL-2 (60 min):2.0 ppm**
- **AEGL-1 (60 min):0.5 ppm**

**Source of Contamination:**  
 Continuous  Instantaneous

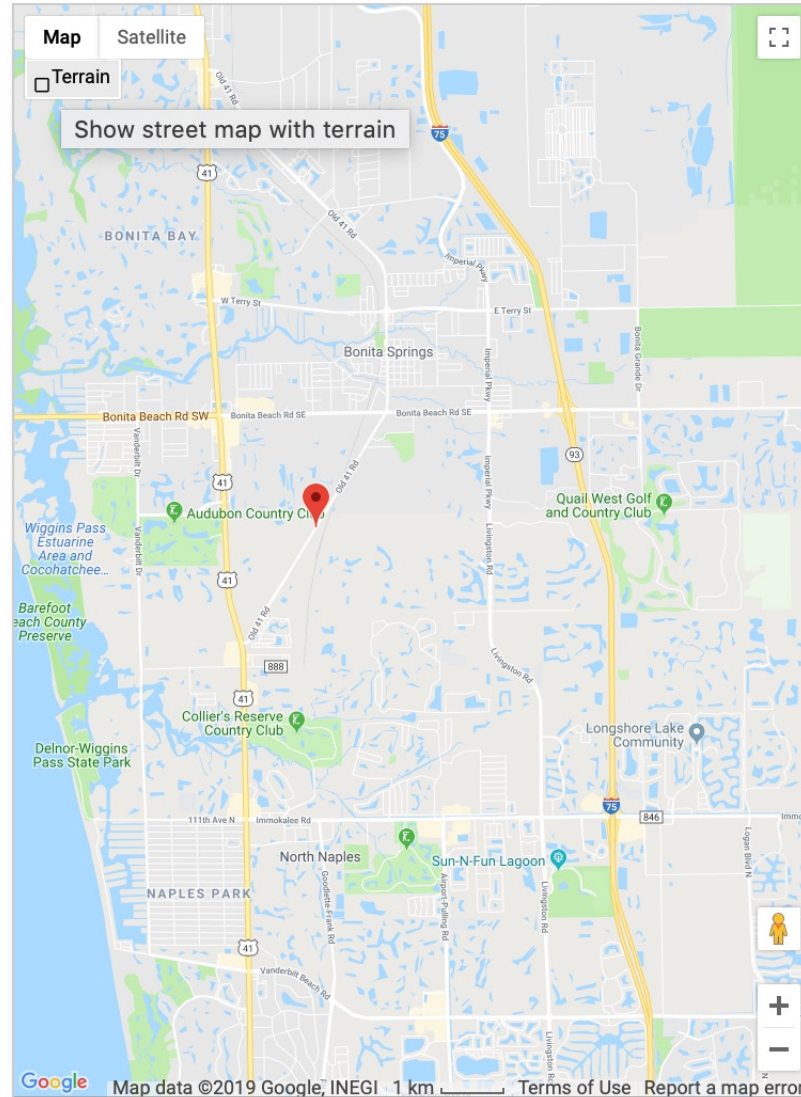
**Chemical Amount (in pounds):**

### Site Conditions

**Cloud Cover Conditions:**

**Ground conditions:**

## Real-Time Chemical Plume Mapping & Information Reporting



**Source of Contamination:**  
 Continuous  Instantaneous

**Chemical Amount (in pounds):**

**Release Speed Unit:**

**Release Duration (1 to 60 minutes):**

### Site Conditions

**Cloud Cover Conditions:**

**Ground conditions:**

### Nearby Information

**School**

**Hospital**

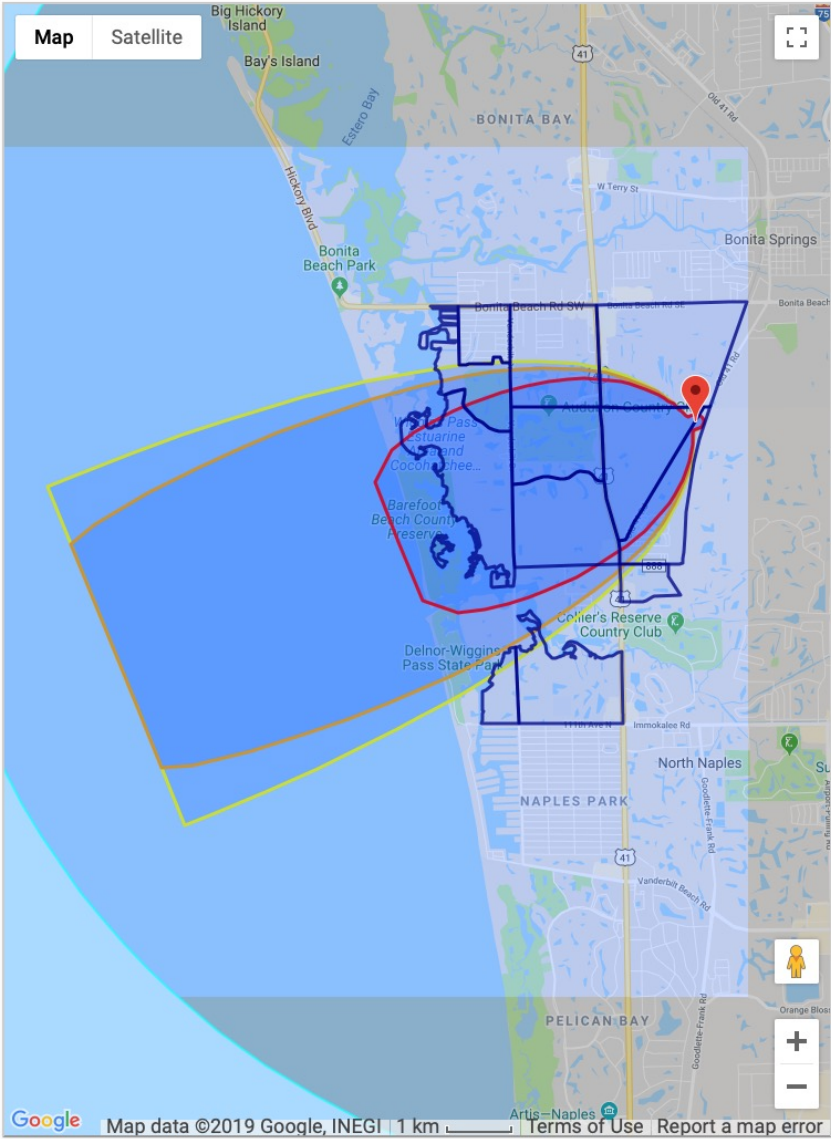
### Census Information

**Total Population:**

**Total Household:**

**Total Blocks:**

# Real-Time Chemical Plume Mapping & Information Reporting



### Basic Information

**Plume Server Time:**  
9:40:3 6/14/2019 CDT

**Session Remain Minutes:** 37:25

**Redraw Time (0.5 to 10 minutes):**  
 ✓

---

### Chemical Information

**Chemical Name:**

**Chemical CAS#:**

**Toxic Levels of Concern:**

- AEGL-3 (60 min):20.0 ppm
- AEGL-2 (60 min):2.0 ppm
- AEGL-1 (60 min):0.5 ppm

**Source of Contamination:**  
 Continuous  Instantaneous

**Chemical Amount (in pounds):**  
 ✓

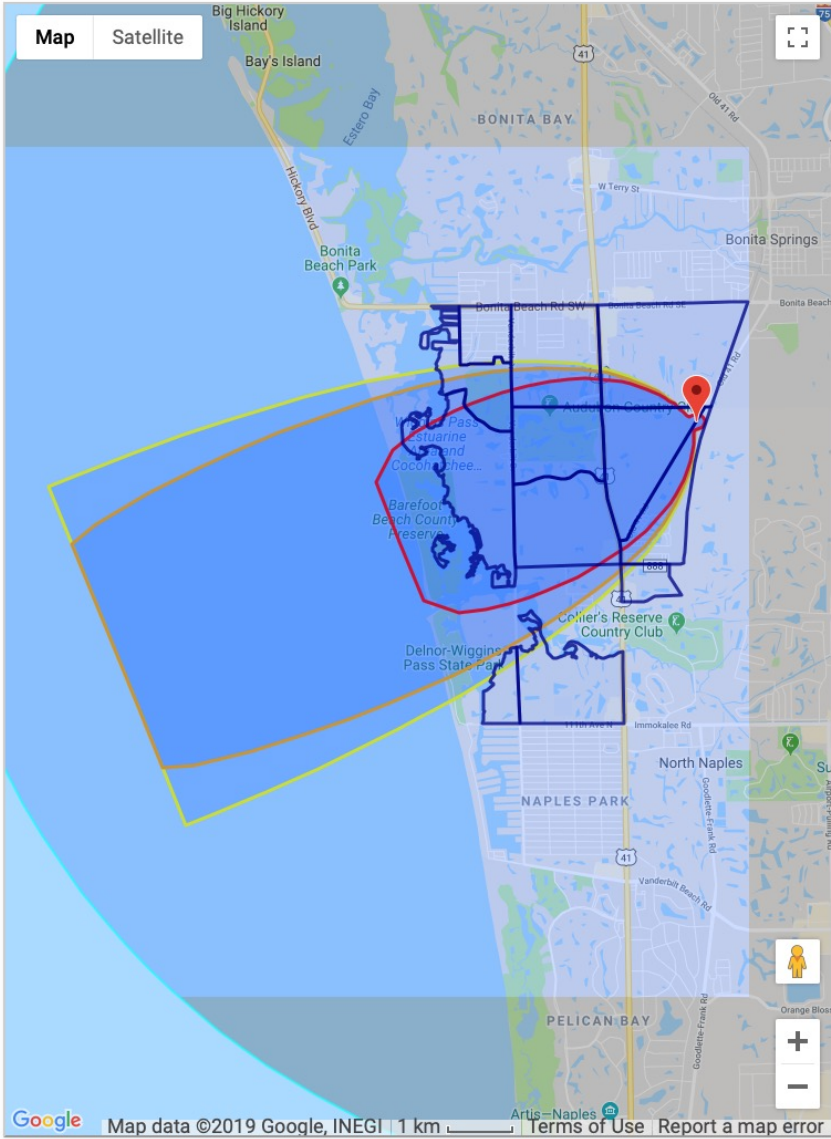
---

### Site Conditions

**Cloud Cover Conditions:**

**Ground conditions:**

# Real-Time Chemical Plume Mapping & Information Reporting



### Basic Information

**Plume Server Time:**  
7782505

**Session Remain Minutes:** 37:25

**Redraw Time (0.5 to 10 minutes):**  
 ✓

---

### Chemical Information

**Chemical Name:**

**Chemical CAS#:**

**Toxic Levels of Concern:**

- AEGL-3 (60 min):20.0 ppm
- AEGL-2 (60 min):2.0 ppm
- AEGL-1 (60 min):0.5 ppm

**Source of Contamination:**  
 Continuous  Instantaneous

**Chemical Amount (in pounds):**  
 ✓

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### Site Conditions

**Cloud Cover Conditions:**

**Ground conditions:**

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### Nearby Information

**School** 📍

**Hospital** 🏥

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### Census Information

**Total Population:** 13745

**Total Household:** 13661

**Total Blocks:** 31