



UGC 2019

2019-10-29

University of Texas at Dallas

Duk-Jin Kim



CHANGES FOR FILING YEAR 2019



COUNTY





COUNTY FIELD

2018

- Editable

2019



- Non-editable
- 7 states: **Split, Merged,** or **changed** counties
 - AK, AS, MP, MT, SD, VA, and VI
- 6 States: **spelling** or **spaces** correction
 - FL, MD, NM, NY, and PA



COUNTY LIST UPDATE ALASKA (AK)

2018 County	2019 County	
Anchorage Borough	Anchorage Municipality	Changed
Juneau Borough	Juneau City and Borough	Changed
Wade Hampton Census Area	Kusilvak Census Area	Changed
Prince of Wales-Outer Ketchikan Census Area	Prince of Wales-Hyder Census Area	Changed
Sitka Borough	Sitka City and Borough	Changed
Skagway-Hoonah-Angoon Census Area	Skagway Municipality	Split
	Hoonah-Angoon Census Area	
Wrangell-Petersburg Census Area	Wrangell City and Borough	Split
	Petersburg Borough	
Yakutat Borough	Yakutat City and Borough	Changed



COUNTY LIST UPDATE AMERICAN SAMOA (AS)

2018 County	2019 County	
Eastern	Eastern District	Changed
Manu'a	Manu'a District	Changed
Western	Western District	Changed



COUNTY LIST UPDATE NORTHERN MARIANA ISLANDS(MP)

2018 County	2019 County	
Northern Islands	Northern Islands Municipality	Changed
Rota	Rota Municipality	Changed
Saipan	Saipan Municipality	Changed
Tinian	Tinian Municipality	Changed



COUNTY LIST UPDATE MONTANA (MT)

2018 County	2019 County	
Yellowstone	Yellowstone	Merged
Yellowstone National Park		



COUNTY LIST UPDATE SOUTH DAKOTA (SD)

2018 County	2019 County	
Shannon	Oglala Lakota	Changed



COUNTY LIST UPDATE VIRGINIA (VA)

2018 County		2019 County	
Bedford	}	Bedford	Merged
Bedford City			
Alleghany	}	Alleghany	Merged
Clifton Forge City			



COUNTY LIST UPDATE VIRGIN ISLANDS (VI)

2018 County	2019 County	
St. Croix	St. Croix Island	Changed
St. John	St. John Island	Changed
St. Thomas	St. Thomas Island	Changed



CONTACT





NEW CONTACT TYPE : CHEMICAL CARRIER

2018

- Carrier
- Emergency Carrier



2019

- Chemical Carrier
 - Two Phone Number including 24-hr number
- CT, NH, RI, VT, ME, and MA
- CT, NH, RI, VT – Warning if no chemical (EPA)



CHEMICAL





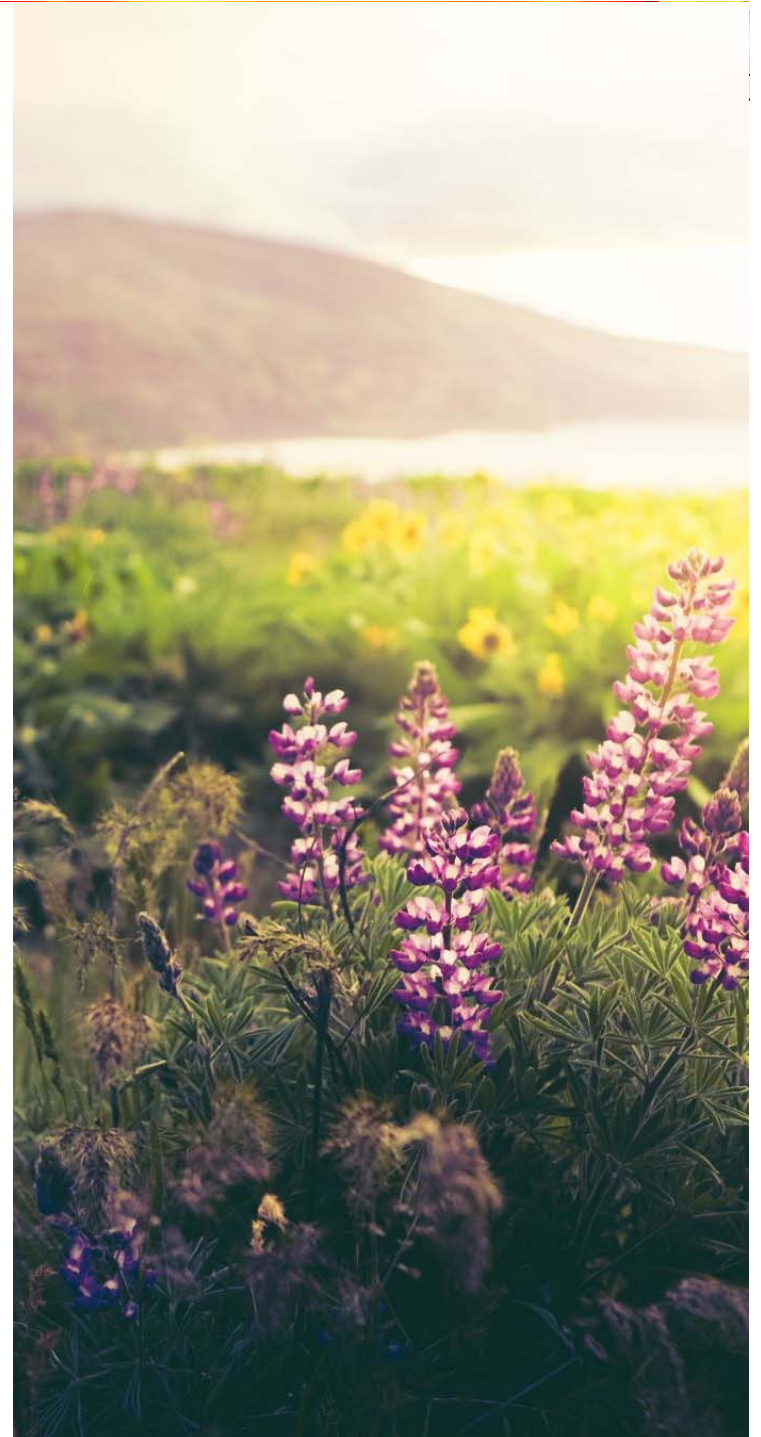
NEW IN CHEMICAL REPORT

- No zero values in any chemical amount fields
- EHS chemical
 - **Warning** message: If only select "Hazard not otherwise classified (enter specific hazard in Notes field in Facilities)" in the Hazard field, "You should note the specific hazard in the **Facility Notes field**"
 - **Error**: if Mixture is selected, must add at least one EHS chemical component in the "Mixture Components" section.



STATE FIELDS

- Added data fields/Removed data fields





2019 COLORADO FACILITY STATE FIELD

- Facility Type
 - If Oil and Gas - New
 - ☐ Well head,
 - ☐ Storage Tank,
 - ☐ Compressor Station,
 - ☐ Other
 - If Agriculture - New
 - ☐ Farm or Ranch
 - ☐ Fertilizer/Pesticide Storage & Sales
 - ☐ Other Agricultural Storage & Sales



2019 COLORADO CHEMICAL STATE FIELD

- Chemical Delivery - New
 - Rail - Are rail cars containing this substance kept at this facility for more than a week?
 - Truck- Are trailers containing this substance kept at this facility for more than a week?
 - Other



2019 HAWAII FACILITY STATE FIELD

- 2 additional Facility State Fields - New
 - ☐ Facility ID Number
 - ☐ Facility is a military facility



2019 OHIO FACILITY STATE FIELD

- One Facility State Field and One Chemical State Field are removed
 - ☒ ~~Site or Operating Division Name~~ (Facility State Field)
 - ☒ ~~Location is Confidential~~ (Chemical State Field)
- Added extra validation
 - ☐ Validate "The Number of Chemicals" in the Facility State Field and reported number of chemicals.



2019 OKLAHOMA

- Emergency 24-Hour Phone Number (Facility Information Page)
- Facility State Fields - New
 1. Are you regulated under the Department of Homeland Security CFATS program?
 2. Are you regulated under the EPA Risk Management Program (RMP)?
 3. Are you regulated under the RCRA as a generator of hazardous waste?
 4. Are you regulated under the OSHA Process Safety Management program?
 5. Are you regulated under the EPA Toxics Release (TRI) program?
 6. Have you reported any spill or released Hazardous Material to the National Response Center (NRC) in the past 5 years?
 - Date(s) of Report(s) (mm/dd/yy, mm/dd/yy, ...)
 - National Response Center (NRC) Case Number(s)



E-PLAN PORTAL



DOWNLOAD BUTTON





E-Plan Chemical Plume Mapping

About

Contact

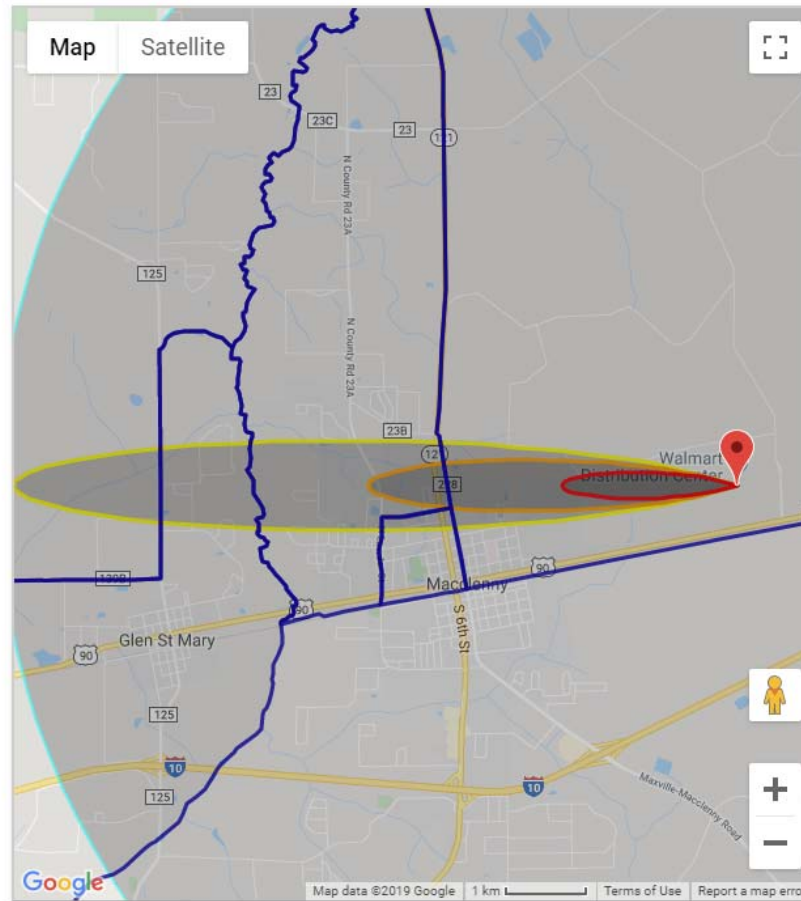
Instructions

Exit

Draw Plume

Download

Real-Time Chemical Plume Mapping & Information Reporting



Basic Information

Plume Server Time:

13:14:21 10/18/2019 CDT

Session Remain Minutes:

35:24

Redraw Time (0.5 to 10 minutes):

0.5

Chemical Information

Chemical Name:

AMMONIA

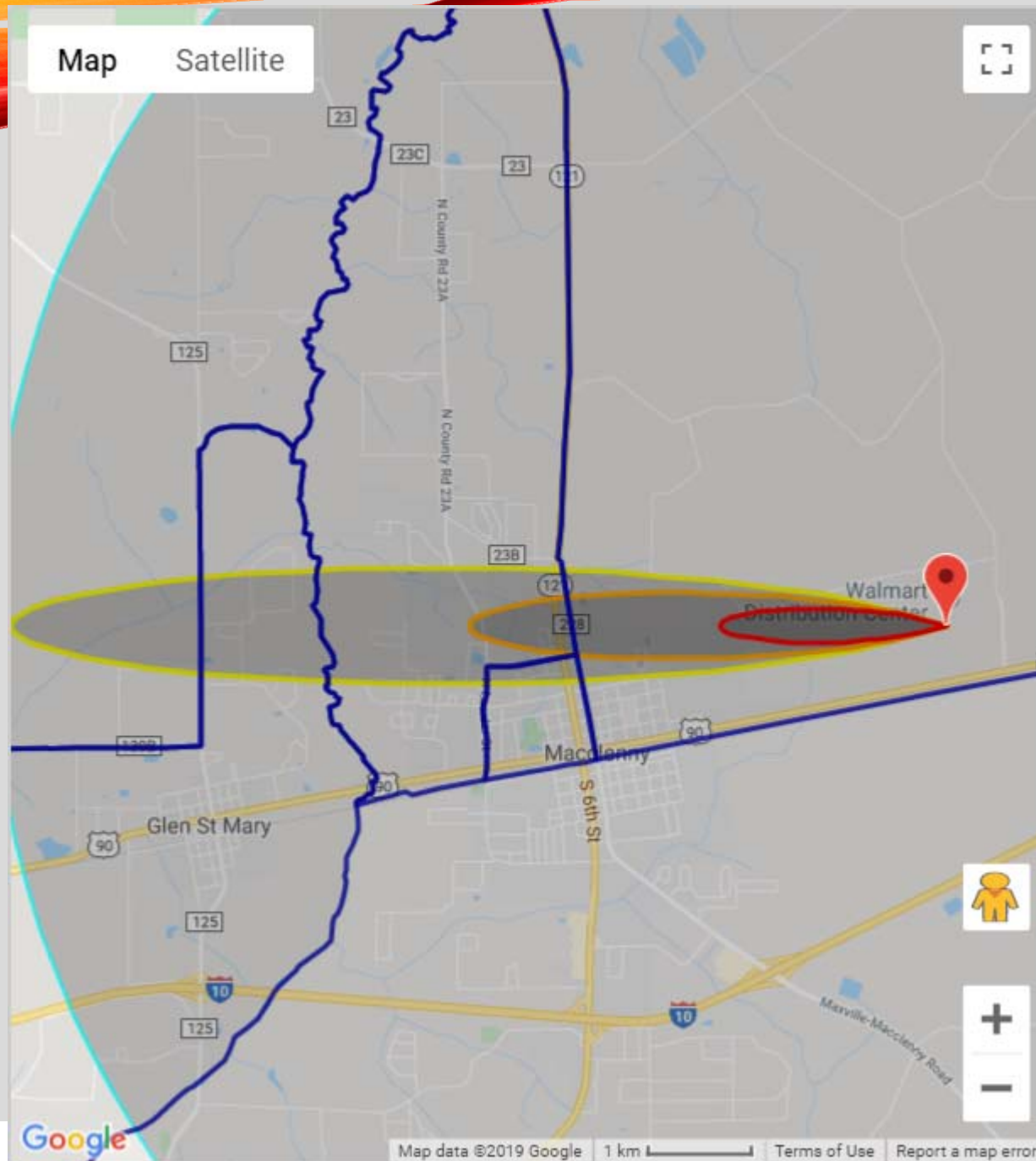
Chemical CAS#:

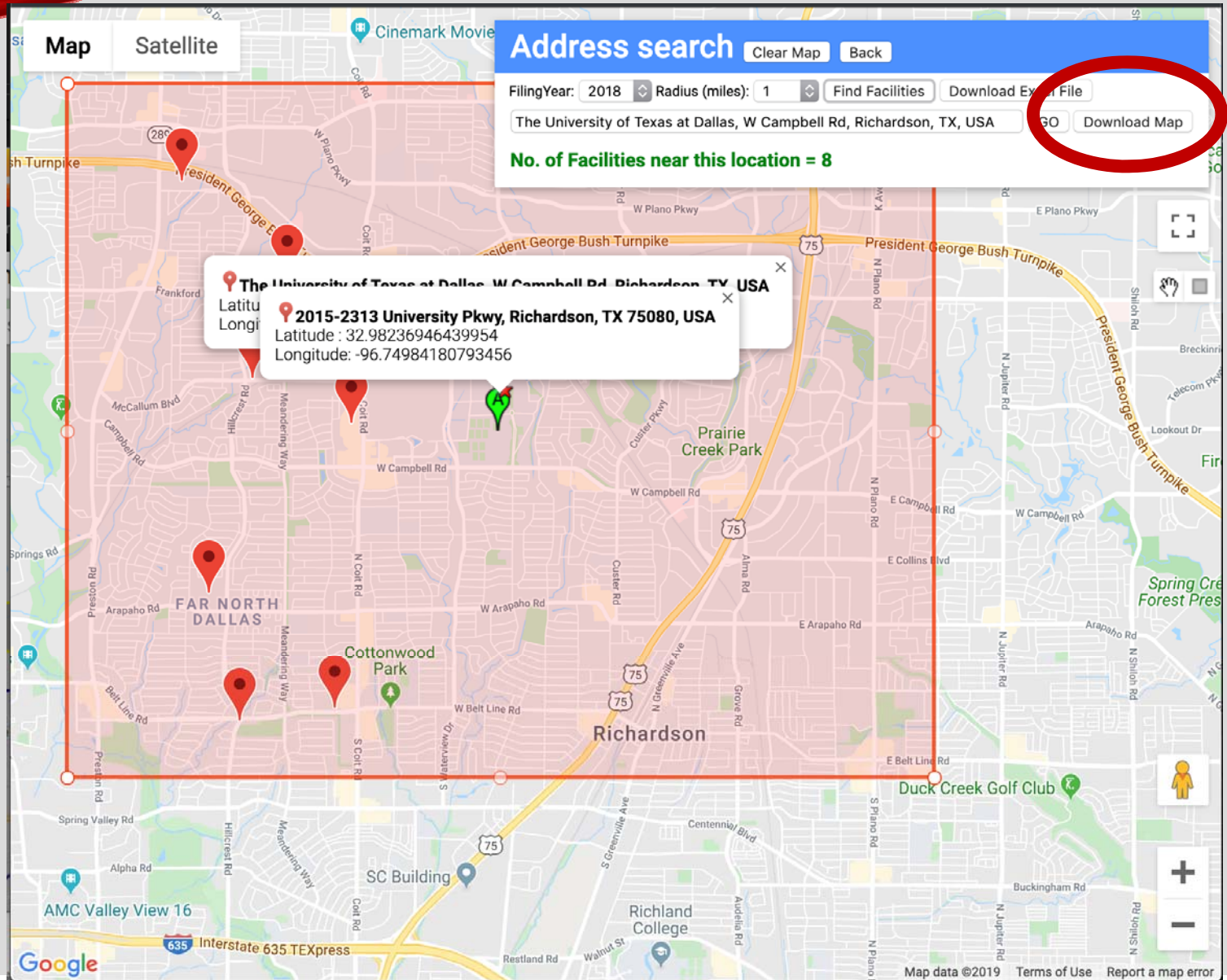
7664417

Toxic Levels of Concern:

- AEGL-3 (60 min):1100.0 ppm
- AEGL-2 (60 min):160.0 ppm
- AEGL-1 (60 min):30.0 ppm

Source of Contamination:





The University of Texas at Dallas



CHEMICAL IN FACILITY SEARCH

- Search filter
 - Remove battery from excel report.





Chemical In Facility Search

Search for a Chemical in different Facilities by giving search parameter

Chemical	<input type="text"/>
CAS	<input type="text"/>
Facility	<input type="text"/>
Company	<input type="text"/>
Quantity(Pounds)	<input type="text" value="Any Quantity"/>
Quantity Greater Than Value in Pounds	<input type="text"/>
State	<input type="text" value=""/>
County/Parish	<input type="text" value="All"/>
City	<input type="text"/>
Zip	<input type="text"/>
Remove Batteries in Excel Report	<input type="checkbox"/>
	<input type="checkbox"/> 302
	<input type="checkbox"/> 311
	<input type="checkbox"/> Tier2
	<input type="checkbox"/> TRI
	<input type="checkbox"/> RMP (by Tier2 User)
	<input type="checkbox"/> RMP (by EPA)
Filing Type	
<input type="checkbox"/> Submission TAB	
Filing Year	<input type="text" value="All"/>
SIC Code	<input type="text"/>



Facility Search Result

[Download Tier2 Zip File](#)

☐ (Click to omit attachments)

[Google Map](#)

[Download Public Excel](#)


[Download Excel File](#)

☐ (Click to add All Data)

Sort by Type [Download PDF](#)

[Download Multiple KML File](#)

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

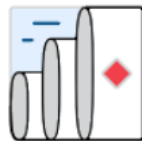


EPA TIER2 SOFTWARE



STRUCTURE

- New UI
- Three Main Pages
 - a) Facility List Page
 - b) Contact List Page
 - c) Chemical List Page
- Dynamic Validation
 - Error 
 - Warning 



Tier2
Submit

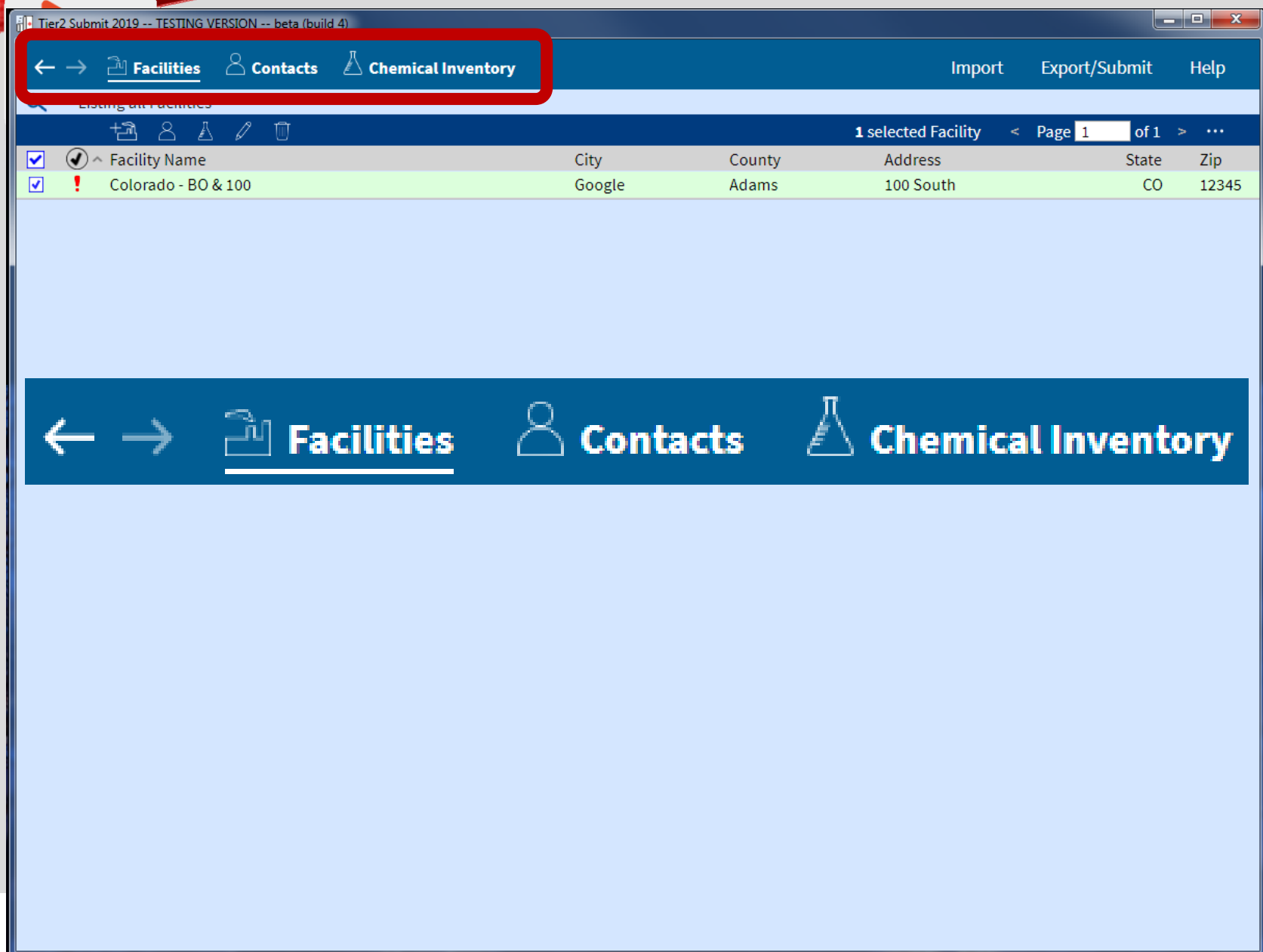
Welcome to Tier2 Submit

**Test version. Do not use to
share or submit Tier II data.**

Tier2 Submit helps facilities with hazardous material electronically report Tier II information for Section 312 of the Emergency Planning and Community Right to Know Act (EPCRA). It guides you in filling out the federally required fields, as well as fields required by the state in which your facility is located.

Visit the [EPA EPCRA webpage](#) to learn more about Tier II requirements and to [see if your state accepts Tier2 Submit submission files](#). If you need help at any point, click the [Help](#) button at the top of the screen.

[Start Tier2 Submit](#)



Tier2 Submit 2019 -- TESTING VERSION -- beta (build 4)

← →

Facilities

Contacts

Chemical Inventory

ImportExport/SubmitHelp

🔍 Listing all Facilities

📄👤🔬📝🗑️

1 selected Facility<Page 1 of 1>...

<input checked="" type="checkbox"/>	^ Facility Name	City	County	Address	State	Zip
<input checked="" type="checkbox"/>	! Colorado - BO & 100	Google	Adams	100 South	CO	12345

🔍

Listing all Facilities

Tier2 Submit 2019 -- TESTING VERSION -- beta (build 4)

← → Facilities Contacts Chemical Inventory

Import Export/Submit Help

Listing all Facilities

☒

☒

^

Facility Name

City

County

Address

State

Zip

☒

! Colorado - BO & 100

Google

Adams

100 South

CO

12345

1 selected Facility < Page 1 of 1 > ...

Import Export/Submit Help

Tier2 Submit 2019 -- TESTING VERSION -- beta (build 4)

← → **Facilities** **Contacts** **Chemical Inventory** Import Export/Submit Help

🔍 Listing all Facilities

1 selected Facility < Page **1** of 1 > ...

<input checked="" type="checkbox"/>	Facility Name	City	County	Address	State	Zip
<input checked="" type="checkbox"/>	! Colorado - BO & 100	Google	Adams	100 South	CO	12345

1 selected Facility < Page **1** of 1 > ...

Address Show **50** per page

Tier2 Submit 2019 -- TESTING VERSION -- beta (build 4)

← →

Facilities

Contacts

Chemical Inventory

ImportExport/SubmitHelp

+

1 selected Facility<Page 1 of 1>...

		City	County	Address	State	Zip
<input checked="" type="checkbox"/>	!	Colorado - BO & 100	Google	Adams	100 South	CO 12345

Tier2 Submit 2019 -- TESTING VERSION -- beta (build 4)

Facilities Contacts Chemical Inventory Import Export/Submit Help

Listing all Facilities

1 selected Facility < Page 1 of 1 > ...

City	County	Address	State	Zip
Google	Adams	100 South	CO	12345

Search by facility name

Add another search field

Save search

Load a saved search

Clear all search/filter criteria (list all facilities in the database)

Listing all Facilities

Search by facility name



Add another search field

Save search

Load a saved search

Clear all search/filter criteria (list all facilities in the database)


Tier2 Submit 2019 -- TESTING VERSION -- beta (build 4)


← → **Facilities**  **Contacts**  **Chemical Inventory** Import Export/Submit Help






Search Facilities


1 selected Facility < Page 1 of 1 > ...


	City	County	Address	State	Zip
<input checked="" type="checkbox"/>	Google	Adams	100 South	CO	12345

 Add a new facility

 Create a new facility duplicated from the selected facility

 Add a new facility

 Create a new facility duplicated from the selected facility

Tier2 Submit 2019 -- TESTING VERSION -- beta (build 4)

← → **Facilities** **Contacts** **Chemical Inventory** Import Export/Submit Help

Listing all facilities

1 selected Facility < Page 1 of 1 > ...

		County	Address	State	Zip
<input checked="" type="checkbox"/>		Adams	100 South	CO	12345

Create a new contact associated with the selected facility

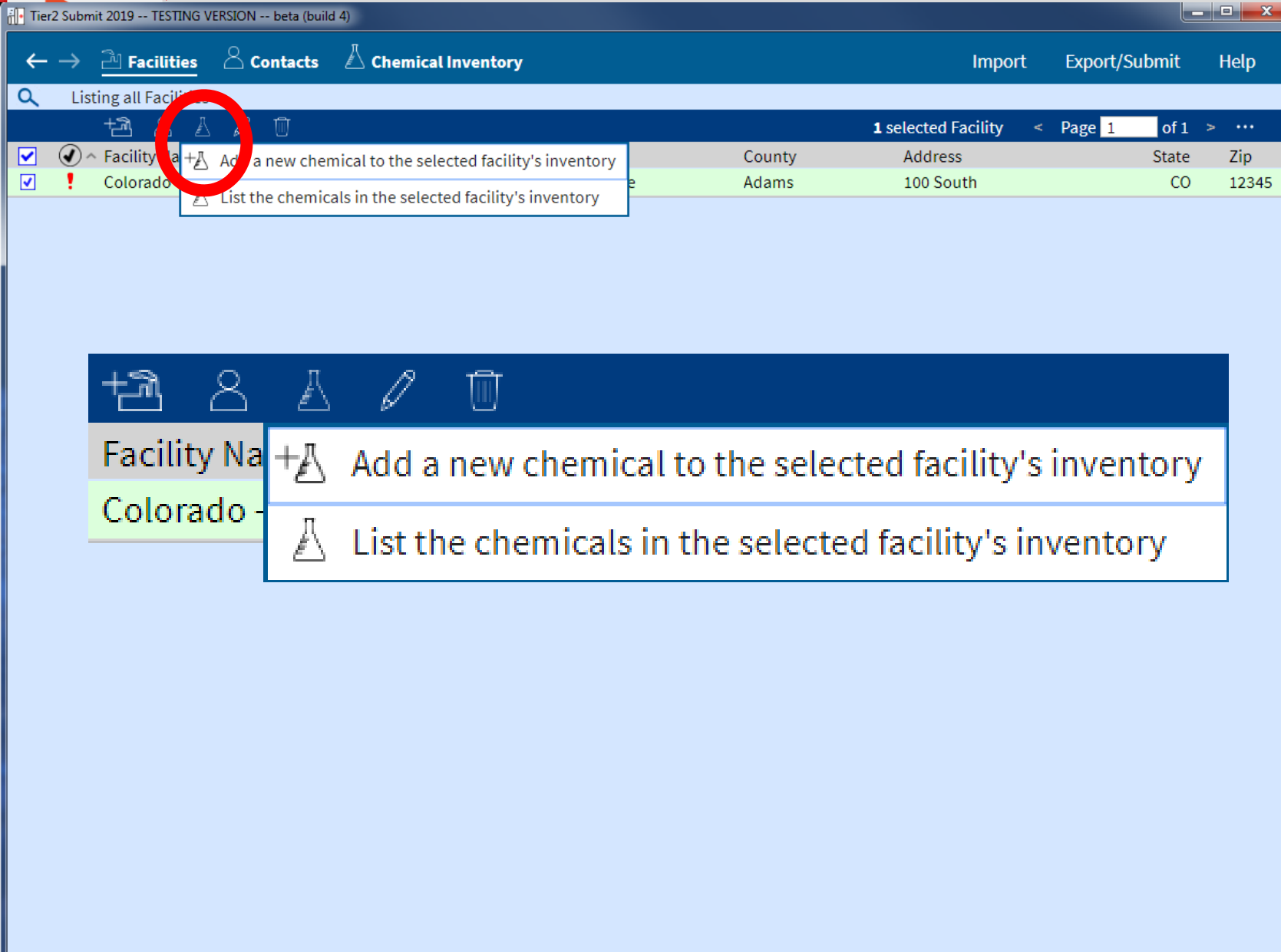
Associate existing contacts with the selected facility

List the contacts associated with the selected facility

Facil Create a new contact associated with the selected facility

Colo Associate existing contacts with the selected facility

List the contacts associated with the selected facility



Tier2 Submit 2019 -- TESTING VERSION -- beta (build 4)

Facilities Contacts Chemical Inventory Import Export/Submit Help

Listing all Facilities

1 selected Facility Page 1 of 1

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ^ Facility Name	City	County	Address	State	Zip
<input checked="" type="checkbox"/>	! Colorado - BO & 100	Google	Adams	100 South	CO	12345

Facility Name

Colorado BO & 100

Delete the selected facility

Tier2 Submit 2019 -- TESTING VERSION -- beta (build 4)

Facilities

Contacts

Chemical Inventory

Import

Export/Submit

Help

Listing all Facilities

1 selected Facility

< Page 1 of 1 > ...

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Facility Name	City	County	Address	State	Zip
<input checked="" type="checkbox"/>	! Colorado - BO & 100	Google	Adams	100 South	CO	12345

Import

Tier2 Submit can import:

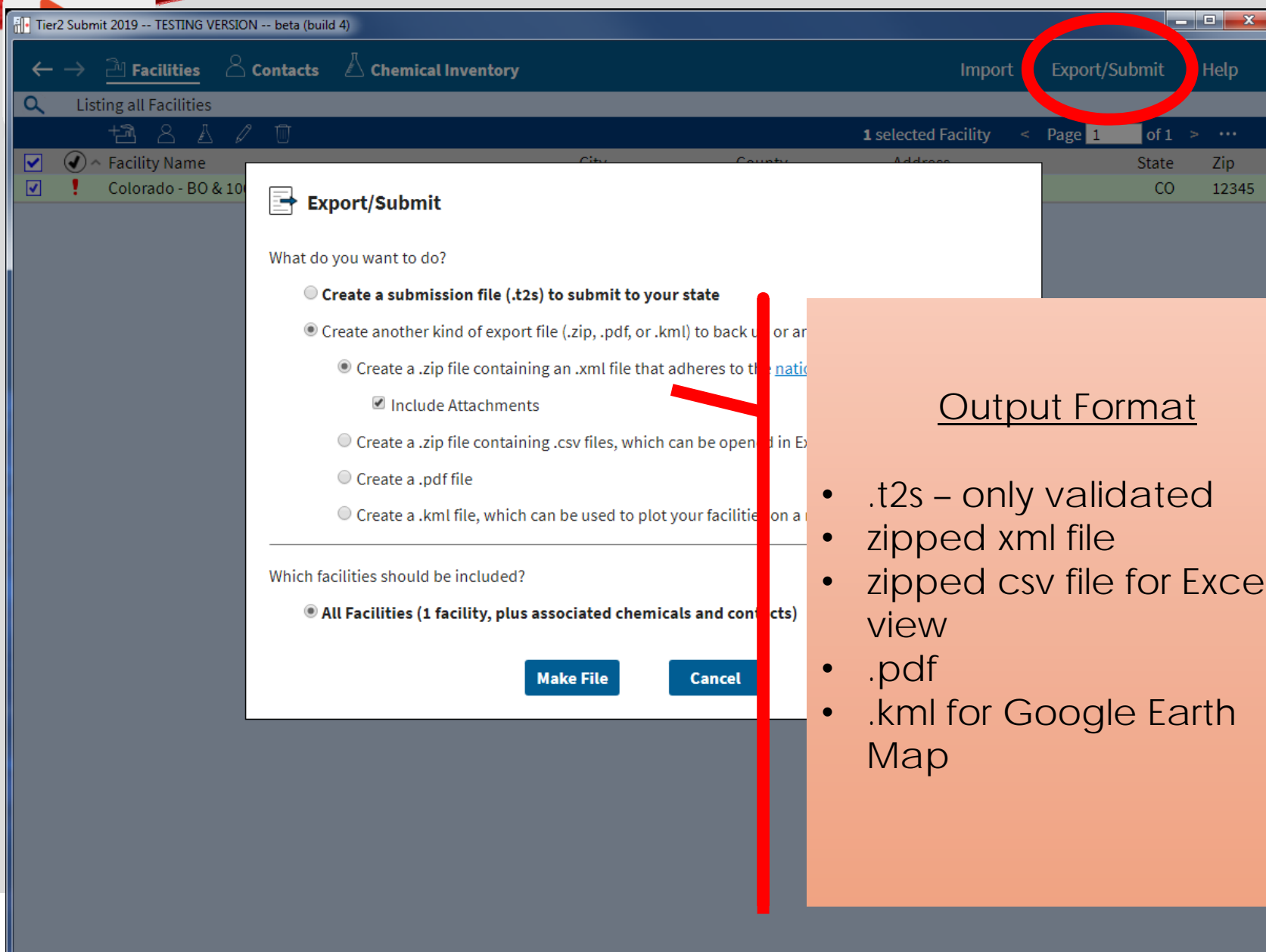
- Tier2 Submission Files (.t2s) (most common)
- Tier2 Submit Export File (.zip)
- Advanced users can also import .csv and .xml files

[Learn more about supported file types](#)

Select one or more files using the button below or by dropping files onto this window.

Browse To File

ContinueCancel



Output Format

- .t2s – only validated
- zipped xml file
- zipped csv file for Excel view
- .pdf
- .kml for Google Earth Map

FACILITY

The University of Texas at Dallas

Tier2 Submit 2019 -- TESTING VERSION -- beta (build 4)

← → **Facilities** **Contacts** **Chemical Inventory**

Import Export/Submit Help

Location ID and Regulations Contacts Chemicals State Fields Attachments Certification

All changes saved.

Name *
Colorado - BO & 100

Report Year
2019

Location where chemicals are present

Street *
100 South

City *
Google

State *
CO

Zip *
12345

Country
USA

Latitude *
39.99194

Longitude *
-104.852357

County *
Adams

[Need help finding your lat/longs?](#)

[Set lat/long from address](#)

Department

Fire District *
Local FD

Emergency 24-Hour Phone Number
911

☒ Street view ☐ Satellite view [Re-center Map](#)

How to set your lat/long using this map ▶

☒ Mailing address is different than physical address

Mailing Address Street
PO Box 485

Mailing Address City
The Movie

Mailing State
AL

Mailing Zip
77788

Mailing Country
USA

Tier2 Submit 2019 -- TESTING VERSION -- beta (build 4)

← → Facilities Contacts Chemical Inventory Import Export/Submit Help

Location ID and Regulations Contacts Chemicals State Fields Attachments Certification

All changes saved.

Name * Report Year

Colorado - BO & 100 2019

ID and Regulations

ID Type	ID	Description
Dun & Bradstreet *	12345789	
NAICS *	517311	Wired Telecommunications Carriers
EIN	111111111	Federal ID
SIC	4813	
TRI	123465	

If the facility is subject to [Toxics Release Inventory](#) (TRI) reporting under Section 313 of EPCRA, enter a TRI ID above.

Is the facility manned? * ☒ Manned ☐ Unmanned

Maximum number of occupants * 23

Subject to...

Emergency planning under Section 302 of EPCRA (40 CFR part 355)? * ☒ Yes ☐ No

Add ID

CONTACT

The University of Texas at Dallas

Tier2 Submit 2019 -- TESTING VERSION -- beta (build 4)

Facilities Contacts Chemical Inventory Import Export/Submit Help

Listing all Facilities

1 selected Facility < Page 1 of 1 > ...

		County	Address	State	Zip
<input checked="" type="checkbox"/>	Facility	Adams	100 South	CO	12345

Create a new contact associated with the selected facility

Associate existing contacts with the selected facility

List the contacts associated with the selected facility

[No Title]

Facilities Contacts Chemical Inventory

Facilities

Colorado

Create a new contact associated with the selected facility

Associate existing contacts with the selected facility

List the contacts associated with the selected facility

**Facilities****Contacts****Chemical Inventory**

Import

Export/Submit

Help

Location

ID and Regulations

Contacts

Chemicals

State Fields

Attachments

Certification

Name *

Colorado - BO & 100



Report Year

2019



Management Program)? *

**Contacts****Last Name****First Name****Contact Type**

Doe

John

Emergency Contact, Owner / Operator, Tier II Information Contact, Fac. Emergency Coordi...

Federal requirements include: Owner/Operators (name, address, phone & email); Emergency Contact (name & 2 phone numbers, one of which must be 24-hour); Tier II Information Contact (name, email & phone). *

[View this facility's contacts in contacts tab](#)**Add Contact****Chemicals****Chemical Name****CAS****EHS****Maximum Amount (Pounds)**

Sulfuric acid > 30%

7664-93-9

Yes

6,000

[View this facility's chemicals in chemicals tab](#)**Add Chemical****State Fields**



Tier2 Submit 2019 -- TESTING VERSION -- beta (build 4)

← → Facilities Contacts Chemical Inventory

Import Export/Submit Help

Location	Contact Types	Phone Information	Facilities
All changes saved.			
First Name * John	Last Name * Doe	Job Title * GM	< Prev Next > 1 of 4
Contact Types			
Emergency Contact	Owner / Operator	Tier II Information Contact	Fac. Emergency Coordinator
Phone Information			
Phone Number	Type		
			x
911	24-hour		x
112-998-7797	Mobile - Cell		x
Add Phone			
Is a contact for the following facilities:			

CHEMICAL




The University of Texas at Dallas

Tier2 Submit 2019 -- TESTING VERSION -- beta (build 4)

← → **Facilities** **Contacts** **Chemical Inventory** Import Export/Submit Help

Listing all Facilities

1 selected Facility < Page 1 of 1 > ...

<input checked="" type="checkbox"/>	 Facility Name	 Add a new chemical to the selected facility's inventory	County	Address	State	Zip
<input checked="" type="checkbox"/>	Colorado	 List the chemicals in the selected facility's inventory	Adams	100 South	CO	12345

Facility Name

Colorado

Add a new chemical to the selected facility's inventory

List the chemicals in the selected facility's inventory

**Facilities****Contacts****Chemical Inventory**

Import

Export/Submit

Help

Location

ID and Regulations

Contacts

Chemicals

State Fields

Attachments

Certification

Name *

Colorado - BO & 100



Report Year

2019



Management Program)? *

**Contacts****Last Name****First Name****Contact Type**

Doe

John

Emergency Contact, Owner / Operator, Tier II Information Contact, Fac. Emergency Coordi...

Federal requirements include: Owner/Operators (name, address, phone & email); Emergency Contact (name & 2 phone numbers, one of which must be 24-hour); Tier II Information Contact (name, email & phone). *

[View this facility's contacts in contacts tab](#)

Add Contact

Chemicals**Chemical Name****CAS****EHS****Maximum Amount (Pounds)**

Sulfuric acid > 30%

7664-93-9

Yes

6,000

[View this facility's chemicals in chemicals tab](#)

Add Chemical

State Fields

Tier2 Submit 2019 -- TESTING VERSION -- beta (build 4)

← →

Facilities

Contacts

Chemical Inventory

Import

Export/Submit

Help

Physical State & Amounts

Hazards

Storage Locations

Mixture Components

State Fields

Facility: [Colorado - BO & 100](#)

All changes saved.

☐ Pure

☒ Mixture

CAS Number

7664-93-9

Mixture or Product Name*

Sulfuric acid > 30%

EHS*

☒ Yes

☐ No

Storage Locations

☐ Storage locations are confidential

Storage location 1

Location at Facility*

Maximum Amount

Unit

Type of Storage*

Pressure*

Temperature*

Storage location 2

Location at Facility*

Maximum Amount

Unit

Type of Storage*

Pressure*

Temperature*

Add Storage Location

VALIDATION

Tier2 Submit 2019 -- TESTING VERSION -- beta (build 4)

Facilities Contacts Chemical Inventory Import Export/Submit Help

Physical State & Amounts Hazards Storage Locations Mixture Components State Fields

Facility: [Colorado - BO & 100](#) All changes saved.

☐ Pure ☒ Mixture CAS Number 7664-93-9 Mixture or Product Name* Sulfuric acid > 30% EHS* ☒ Yes ☐ No

Mixture Components

EHS*	CAS Number	Component Name	Max Amt Range Code	Percentage	Weight/Volume
<input type="checkbox"/>					
<input checked="" type="checkbox"/>	1464-53-5	3-BUTADIENE DIEPOXIDE		12	
<input checked="" type="checkbox"/>	79-06-1	Acrylamide		12	weight
<input checked="" type="checkbox"/>	79-06-1	ACRYLAMIDE SOLUTION		99	
<input checked="" type="checkbox"/>	79-06-1	ACRYLAMIDE SOLUTION		99	

A mixture component needs a CAS Number, Component Name, or both.

Add Mixture Component

Tier2 Submit 2019 -- TESTING VERSION -- beta (build 4)

← → **Facilities** **Contacts** **Chemical Inventory** Import Export/Submit Help

Listing all Facilities

1 selected Facility < Page 1 of 1 > ...

Facility Name	City	County	Address	State	Zip
Colorado - BO & 100	Google	Adams	100 South	CO	12345

This record is not valid for submission because:

- Latitude is required
- Chemical #1 (Sulfuric acid > 30%): Storage Location #1: Location Description is required
- Chemical #1 (Sulfuric acid > 30%): Storage Location #1: Storage Type is required
- Chemical #1 (Sulfuric acid > 30%): Storage Location #1: Pressure is required
- Chemical #1 (Sulfuric acid > 30%): Storage Location #1: Temperature is required
- Chemical #1 (Sulfuric acid > 30%): Mixture Component #1: A mixture component needs a CAS Number, Component Name, or both.
- Contact #1 (John Doe): Phone #1: Phone Number is required

The record also has the following warnings:

- Chemical #1 (Sulfuric acid > 30%): Mixture Component #2 (1,3-BUTADIENE DIEPOXIDE): Component Percentage Weight or Volume should be entered
- Contact #1 (John Doe): Phone #1: Phone Type should be entered

Click buttons to view/edit values. Hover icons for details.

Tier2 Submit 2019 -- TESTING VERSION -- beta (build 4)

← → **Facilities** **Contacts** **Chemical Inventory** Import Export/Submit Help

Location ID and Regulations **Contacts** **Chemicals** **State Fields** **Attachments** **Certification**

All changes saved. Report Year

Name *

This record is not valid for submission because:

- Latitude is required
- Chemical #1 (Sulfuric acid > 30%): Storage Location #1: **Location Description** is required
- Chemical #1 (Sulfuric acid > 30%): Storage Location #1: **Storage Type** is required
- Chemical #1 (Sulfuric acid > 30%): Storage Location #1: **Pressure** is required
- Chemical #1 (Sulfuric acid > 30%): Storage Location #1: **Temperature** is required
- Chemical #1 (Sulfuric acid > 30%): Mixture Component #1: A mixture component needs a **CAS Number, Component Name, or both.**
- Contact #1 (John Doe): Phone #1: **Phone Number** is required

The record also has the following warnings:

- Chemical #1 (Sulfuric acid > 30%): Mixture Component #2 (1,3-BUTADIENE DIEPOXIDE): **Component Percentage Weight or Volume** should be entered
- Contact #1 (John Doe): Phone #1: **Phone Type** should be entered

Click buttons to view/edit values. Hover icons for details.

Mailing Address City Mailing State Mailing Zip Mailing Country

Tier2 Submit 2019 -- TESTING VERSION -- beta (build 4)

← → Facilities Contacts Chemical Inventory Import Export/Submit Help

Location Contact Types Phone Information Facilities

First Name * Last Name * Job Title *
John Doe GM

Location

Address
111 South 1st Street

City State
One CO Colorado

Email *
jdoe@big.com

Contact Types

Emergency Contact Owner / Operator Tier II Information Contact Fac. Emergency Coordinator

Phone Information

Phone Number Type

This record is not valid for submission because:
Phone #1: **Phone Number** is required
The record also has the following warnings:
Phone #1: **Phone Type** should be entered
Click buttons to view/edit values. Hover icons for details.

Tier2 Submit 2019 -- TESTING VERSION -- beta (build 4)

Facilities Contacts Chemical Inventory Import Export/Submit Help

Physical State & Amounts Hazards Storage Locations Mixture Components State Fields

Facility: [Colorado - BO & 100](#)

☐ Pure ☒ Mixture ⓘ

CAS Number ⓘ 7664-93-9

Mixture or Product Name* ⓘ Sulfuric acid > 30%

EHS* ⓘ ☒ Yes ☐ No

Physical State & Amounts

Physical State* ☐ Solid ☒ Liquid ☐ Gas

Days on Site* 10

☐ Chemical information is the same as the parent chemical

☐ Trade Secret ⓘ

Storage Locations

This record is not valid for submission because:

- Storage Location #1: **Location Description** is required !
- Storage Location #1: **Storage Type** is required !
- Storage Location #1: **Pressure** is required !
- Storage Location #1: **Temperature** is required !
- Mixture Component #1: A mixture component needs a **CAS Number, Component Name, or both.** !

The record also has the following warnings:

- Mixture Component #2 (1,3-BUTADIENE DIEPOXIDE): **Component Percentage Weight or Volume** should be entered ⚠

Click buttons to view/edit values. Hover icons for details.

Hazards* ⓘ

Physical Hazards

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)

Health Hazards

- ☐ Acute toxicity (any route of exposure)
- ☒ Skin corrosion or irritation
- ☒ Serious eye damage or eye irritation



Q & A

