
2023 International Emissions Inventory Conference - The Nexus of Climate, Air Quality and Health: Smoke and Other Emissions Challenges

Training session: September 29, 2023

Outline

1. Overview of National Emissions Inventory & Point Sources
2. EIS Gateway
 - A. Facility Inventory elements – facility, emissions unit, process, release point, control path
 - B. Emissions elements – facility level view, pollutants, emissions process level
 - C. EIS Reports
 - D. EIS Reporting Code Tables
 - E. Questions and Answers(BREAK)
3. Point Source Inventory Submission Process
 - A. Bridge Tool Submittals – (Facility Inventory – required elements) (Point Emissions)
 - B. EIS Gateway Edits
 - C. QA Checks
 - D. Questions and Answers(BREAK)
4. Quality Assurance and Best Practices
 - A. Fugitive release points – examples from KMZ AirToxScreen
 - B. Setting up units, processes, release points
 - A. Example – A) EU 2 process to stack and fugitive release point B) EU 1 process to stack and fugitive C) 1 process to control path
 - C. Questions and Answers
5. Additional Resources

An aerial photograph of a large industrial facility, likely a refinery or chemical plant. The foreground and middle ground are filled with complex piping, numerous large cylindrical storage tanks (some white, some rusted), and various industrial structures. Several tall smokestacks are visible, with thick white plumes of smoke or steam rising from them. In the background, a dense urban area is visible, with a prominent skyline of skyscrapers under a clear sky. The overall scene depicts a major industrial hub in an urban setting.

1. Overview of Point Sources

National Emissions Inventory (NEI): Goals & Uses

Obtain high quality air emissions data on from State, Local, Tribal Authorities (SLTs) per the Air Emissions Reporting Rule ([AERR](#)) in 40 CFR Part 51, so that EPA, SLTs, and others may use this information in a variety of ways to assist in decision making:

- Air Quality Modeling → Annual Multipollutant Platform
- Analysis of Emissions Reduction Strategies
- Research

NEI data categories

The NEI covers five emissions data categories

- **Point Emissions (and related Facility Inventory): Information from each facility**
- Nonpoint Emissions: county level data
- Onroad Emissions: MOVES model
- Nonroad Emissions: MOVES-NONROAD model
- Event Emissions (wildfires and prescribed fires): county level data



Air Emission Reporting Requirements (AERR) Point Source Reporting (40 CFR 51. subpart A)

For a given inventory year (IY), SLTs are responsible for submitting emissions information from point sources by the end of the following year. Facilities having actual emissions or potential to emit (PTE) that exceed the following thresholds are required to be included

Type A facilities

- Annual reports
- Pollutant thresholds:
 - SO₂, NO_x, CO with PTE ≥ 2,500 Ton/year
 - VOC, PM, NH₃ with PTE ≥ 250 Ton/year

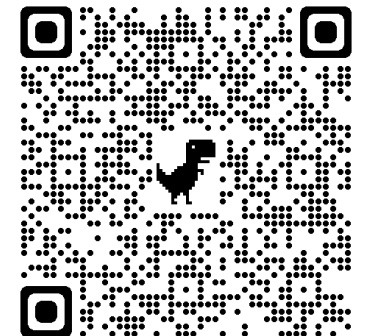
Type B facilities

- Triennial reports (every 3 years)
- Pollutant thresholds:
 - SO₂, NO_x, VOC, PM, NH₃ with PTE > 100 Ton/year (NAs lower thresholds)
 - CO with PTE > 1,000 Ton/yea
 - Pb with Actual Emissions ≥ 0.5 Ton/year

- Many SLTs voluntarily report smaller point sources than required
- Many SLTs report point sources annually
- Many SLTs voluntarily submit HAPs

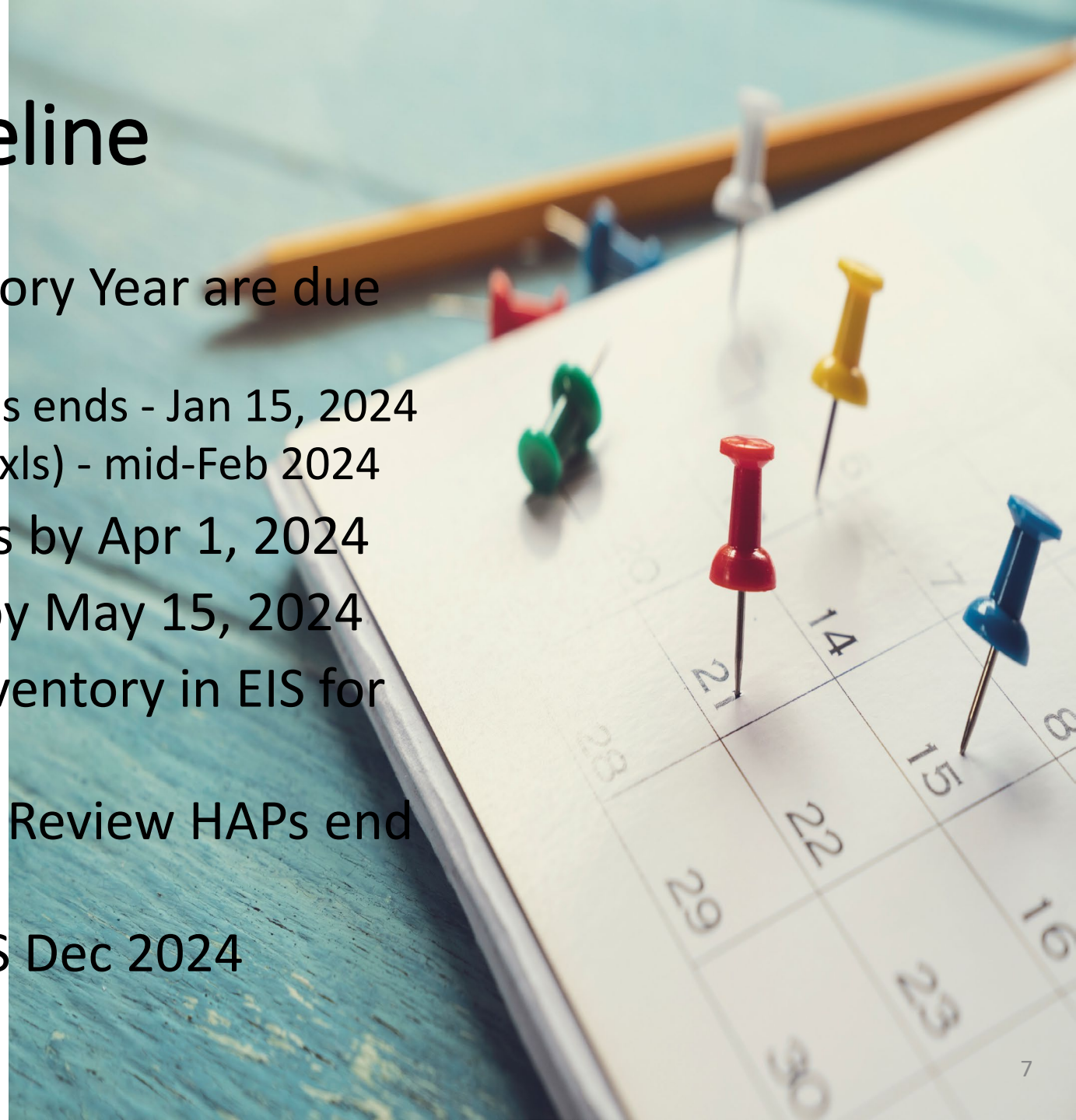
[AERR Rule Page](https://www.epa.gov/air-emissions-inventories/air-emissions-reporting-requirements-aerr#additional-resources)

<https://www.epa.gov/air-emissions-inventories/air-emissions-reporting-requirements-aerr#additional-resources>

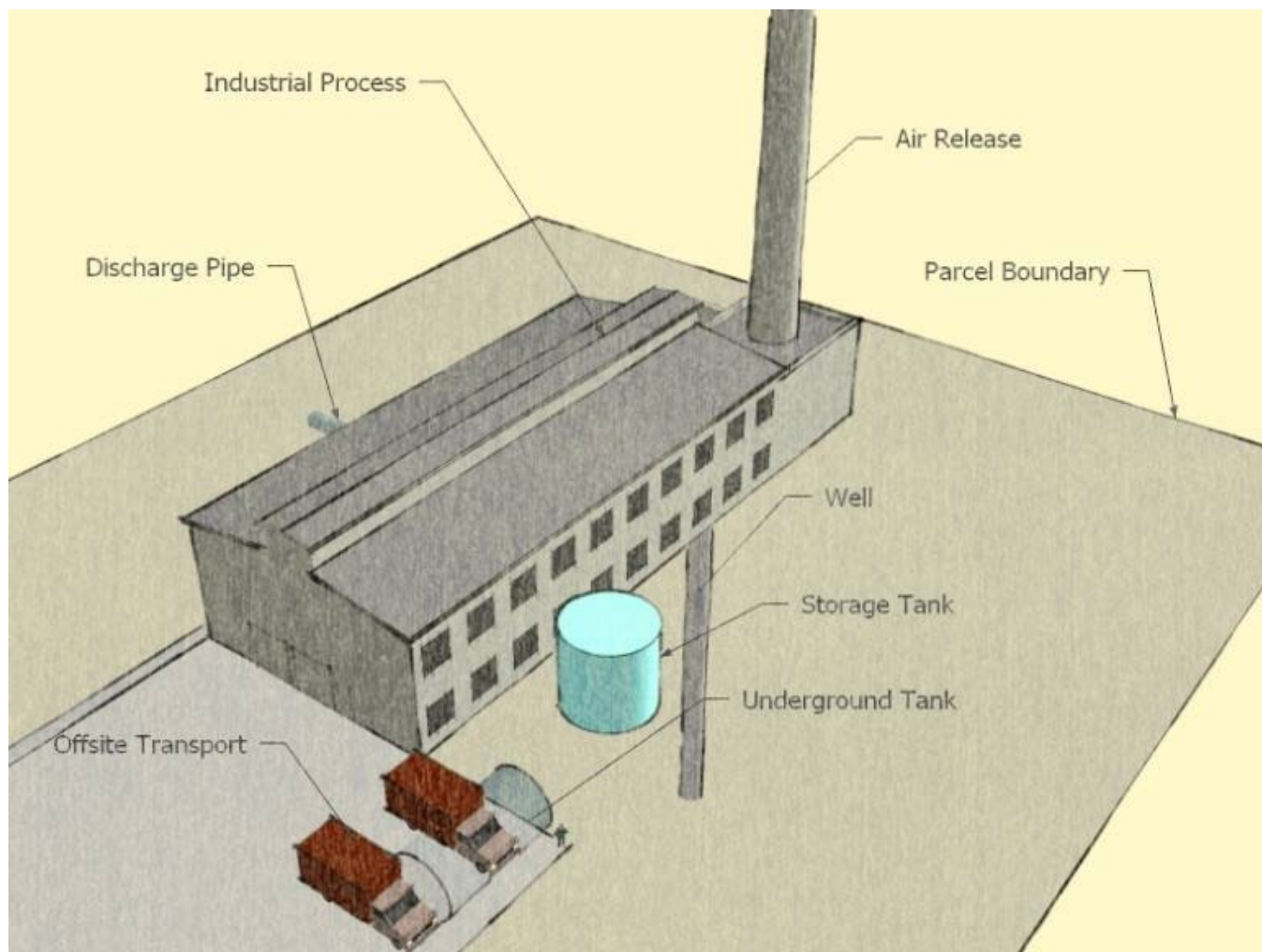


Point Inventory Timeline

- SLT submittals for 2022 Inventory Year are due Dec 31, 2023
 - Grace period for Point Emissions ends - Jan 15, 2024
 - EPA sends out comparison file (xls) - mid-Feb 2024
- All EPA Augmentation datasets by Apr 1, 2024
- SLTs make edits to their data by May 15, 2024
- Draft selection of NEI Point Inventory in EIS for review Jun 15, 2024
- AirToxScreen SLT Point Source Review HAPs end of Summer 2024
- Final NEI Point Inventory in EIS Dec 2024

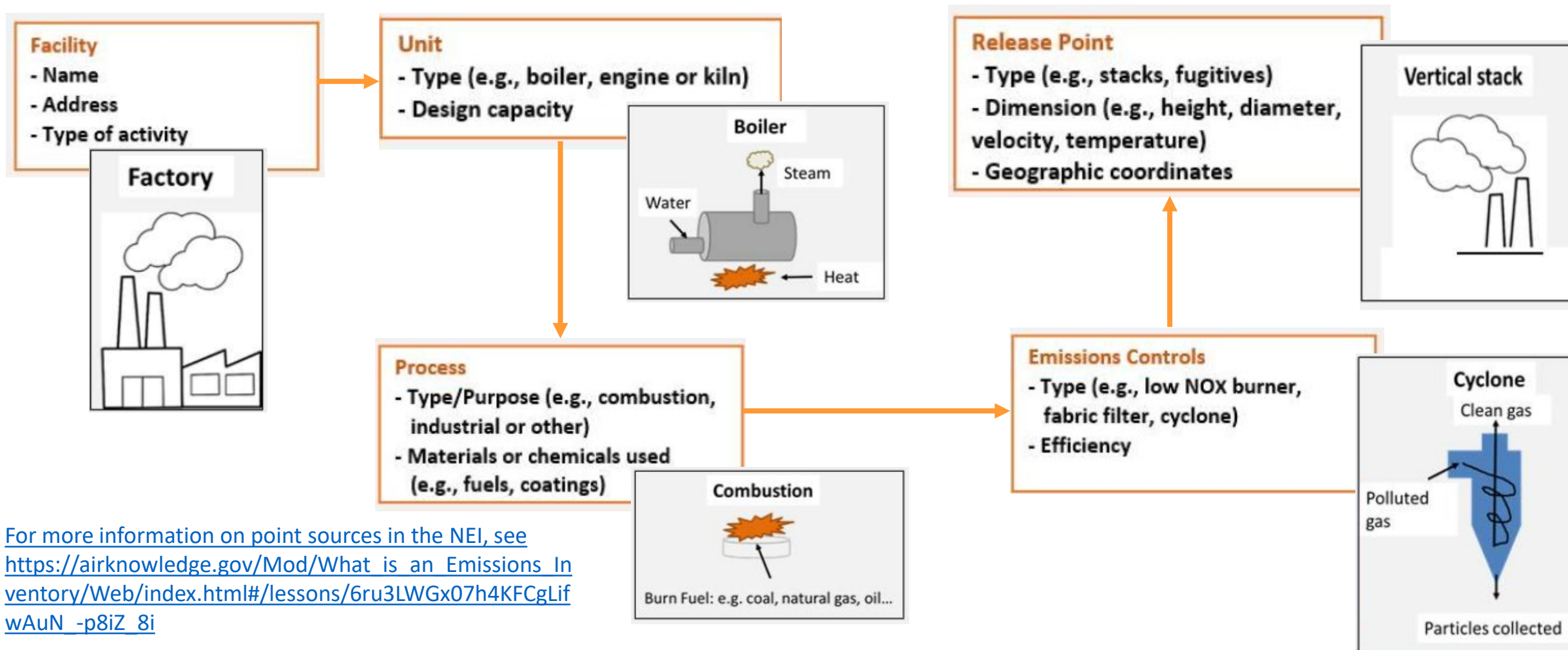


What is a Facility?



How are different components, equipment and processes of a facility classified in EIS?

Conceptual Facility Inventory



For more information on point sources in the NEI, see [https://airknowledge.gov/Mod/What is an Emissions Inventory/Web/index.html#/lessons/6ru3LWGx07h4KFCgLfWuN_p8iZ_8i](https://airknowledge.gov/Mod/What%20is%20an%20Emissions%20Inventory/Web/index.html#/lessons/6ru3LWGx07h4KFCgLfWuN_p8iZ_8i)

The Facility Inventory (a.k.a. Site Inventory)

- Information on the physical facility, as opposed to the annual throughputs and emissions. Provides the **persistent** framework to which point emissions are reported each year.
 - Site-level information and location
 - Release point parameters and locations
 - Emission unit information (unit type, design capacity)
 - Emission process IDs and attributes (SCC)
 - Facility Category (e.g. HAP Major, CAP Major, Ozone Non-Attainment Area, etc)
 - Pollutant emissions (type, amounts)
 - Control devices or measures
 - Regulations
- Only changes or additions from year to year need to be reported.
 - EIS will recognize what the changes are if you maintain consistent facility/unit/process/release point IDs each year
- The Facility Inventory provides the common framework between your Agency's data system and USEPA's for inventories

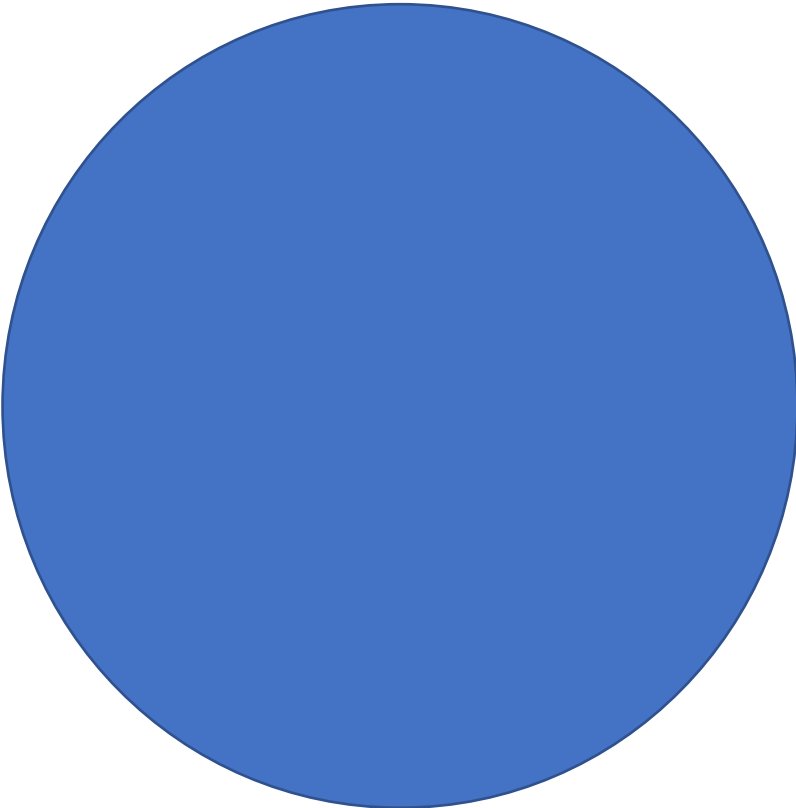
What is the Point Emissions Inventory?

- Emissions estimates for the facility inventory, by:
 - Process
 - Pollutant
 - Inventory year/reporting period (e.g., 2017 / annual)
- In addition to emissions, point data may include activity data in support of emissions estimation calculations:
 - Throughput (by process and inventory/year reporting period)
 - Emission Factor information, e.g. value, numerator, denominator,
 - Operating details
 - Supplemental parameters

Questions About Overview of Point Sources



Break timer 10 minutes



2. EIS Gateway

Let's explore point source inventory elements in the EIS Gateway



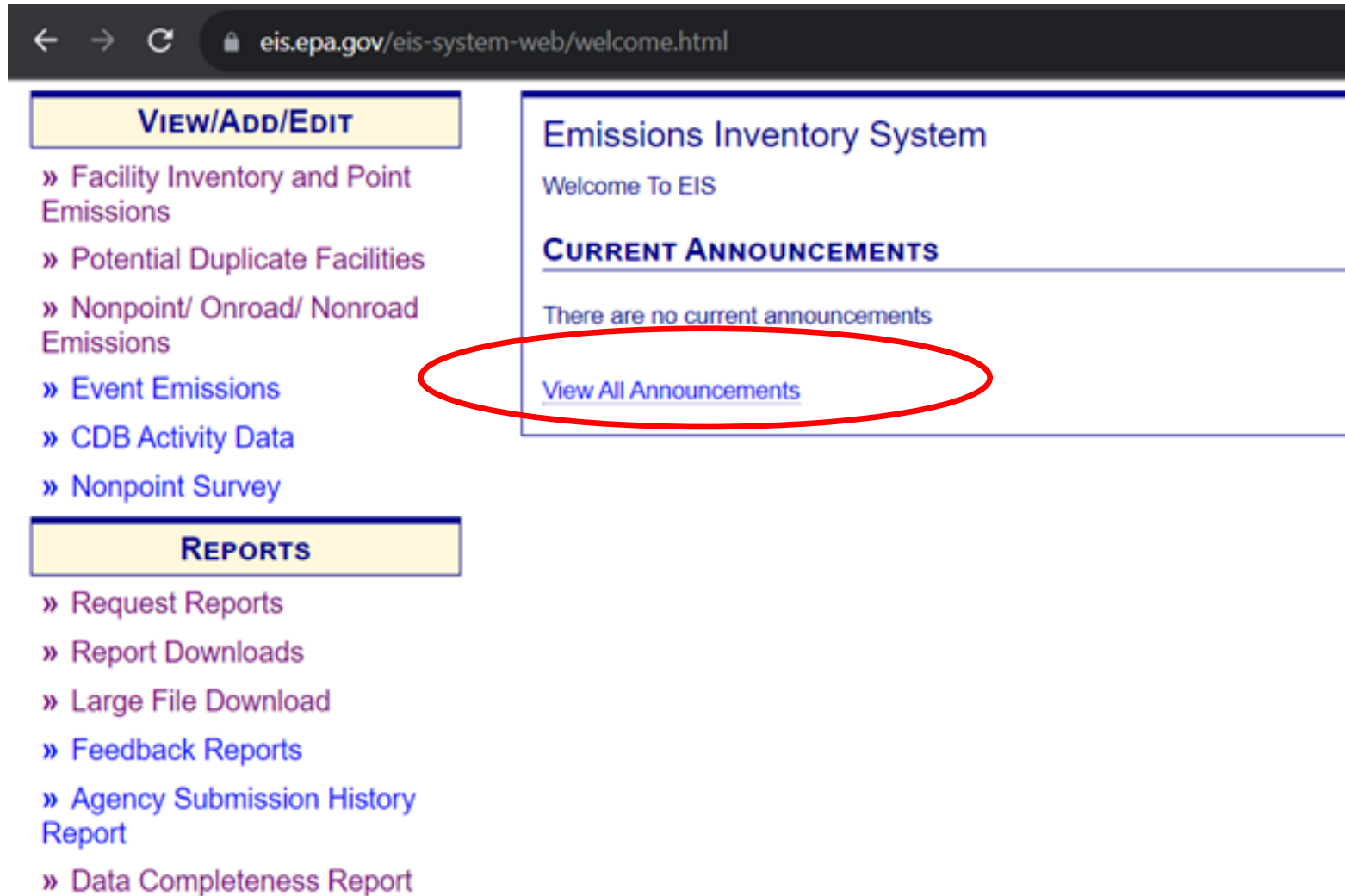
2. EIS Gateway Outline

- Resources & Getting access
- Navigating
- Facility Inventory and Point Emissions & EIS Gateway Edits
- Codes Tables
- Reports

EIS Resources & Getting Access

Resource	QR Code	Resource	QR Code
<p>Emissions Inventory System (EIS) User's Manual and How To's https://www.epa.gov/air-emissions-inventories/emissions-inventory-system-eis-users-manual-and-how-tos</p>		<p>EIS Gateway https://eis.epa.gov/eis-system-web/welcome.html</p>	
<p>EIS Users' Guide https://eis.epa.gov/userguide/</p>			

EIS Welcome Page



The screenshot shows a web browser window with the URL `eis.epa.gov/eis-system-web/welcome.html`. The page is divided into two main sections: "VIEW/ADD/EDIT" and "REPORTS".

VIEW/ADD/EDIT

- » Facility Inventory and Point Emissions
- » Potential Duplicate Facilities
- » Nonpoint/ Onroad/ Nonroad Emissions
- » Event Emissions
- » CDB Activity Data
- » Nonpoint Survey

REPORTS

- » Request Reports
- » Report Downloads
- » Large File Download
- » Feedback Reports
- » Agency Submission History Report
- » Data Completeness Report

Emissions Inventory System

Welcome To EIS

CURRENT ANNOUNCEMENTS

There are no current announcements

[View All Announcements](#)

The link "View All Announcements" is circled in red.

Left side navigation options

VIEW/ADD/EDIT

- » Facility Inventory and Point Emissions
- » Potential Duplicate Facilities
- » Nonpoint/ Onroad/ Nonroad Emissions
- » Event Emissions
- » CDB Activity Data
- » Nonpoint Survey

REPORTS

- » Request Reports
- » Report Downloads
- » Large File Download
- » Feedback Reports
- » Agency Submission History Report
- » Data Completeness Report

REFERENCE DATA

- » Reporting Code Tables
- » Augmentation Profile Information
- » QA Checks
- » Inventory Cycle Management
- » Software and Tools

SUPPORT

- » Administration Console
- » View All Announcements
- » View Support Requests
- » Create Support Request
- » EIS User Guide

ACCOUNT DATA

- » My Account
- » My Agency
- » Change Agency
- » Logout

Facility Inventory and Point Emissions

- VIEW/ADD/EDIT**
 - » Facility Inventory and Point Emissions
 - » Potential Duplicate Facilities
 - » Nonpoint/ Onroad/ Nonroad Emissions
 - » Event Emissions
 - » CDB Activity Data
 - » Nonpoint Survey
- REPORTS**
 - » Request Reports
 - » Report Downloads
 - » Large File Download
 - » Feedback Reports
 - » Agency Submission History Report
 - » Data Completeness Report
- REFERENCE DATA**
 - » Reporting Code Tables
 - » Augmentation Profile Information
 - » QA Checks
 - » Inventory Cycle Management
 - » Software and Tools
- SUPPORT**
 - » Administration Console
 - » View All Announcements
 - » View Support Requests
 - » Create Support Request

Facility Inventory and Point Emissions

Match All Any of the criteria.

EIS Facility IDs:

Show me exact matches only:

Agency IDs (displayed IDs, alternative IDs):

Show me exact matches only:

Name (facility name, company name, alternate name):

Show me exact matches only:

NAICS Code:

Show me exact matches only:

Permanently Shutdown
Temporarily Shutdown

Facility Inventory and Point Emissions

- Further down the page: options to refine search to:
 - State
 - County
 - Tribe
 - Country (provinces of Canada, states of Mexico)
 - Facility Source Type
 - Operating Status
- Shift+Click and Ctrl+Click to select multiple within lists
- Logical “AND” between each list.
- Logical “OR” within each list.

★ Don't forget to hit Clear button between searches ★

Search for a County:

--- Select ---

- Atlantic, New Jersey(34001)
- Bergen, New Jersey(34003)
- Burlington, New Jersey(34005)
- Camden, New Jersey(34007)
- Cape May, New Jersey(34009)
- Cumberland, New Jersey(34011)
- Essex, New Jersey(34013)

Search for Facility Source Types:

--- Select ---

- Aircraft, Aerospace, or Related Parts Plant
- Airport
- Alumina Refinery
- Animal Feedlot or Farm
- Auto Body, Painting, or Repair Shop
- Automobile/Truck or Parts Plant
- Bakeries

Operating Status(es):

--- Select ---

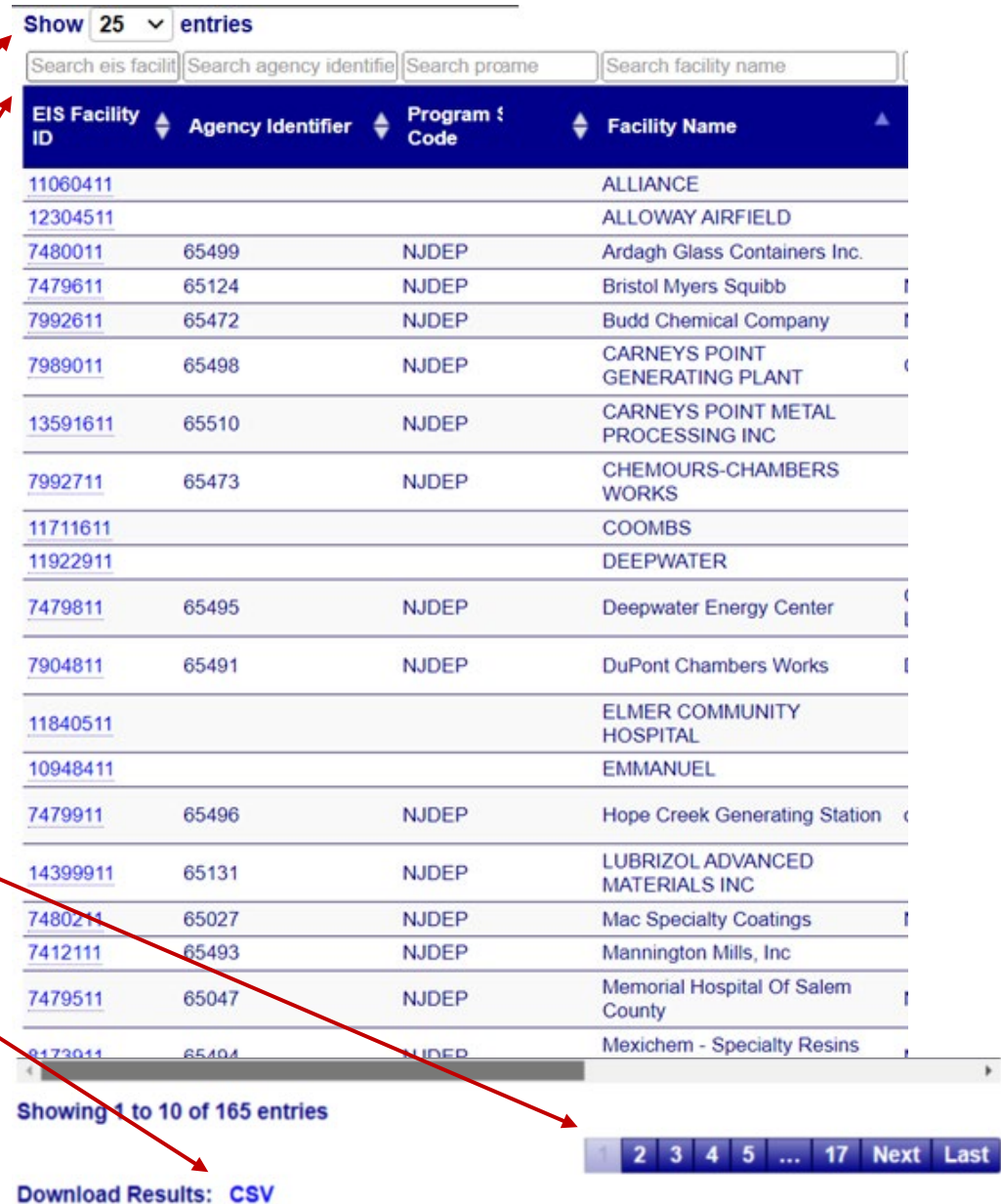
- Operating
- Operating but State/Local/Tribe Not Reporting Emissions
- Operating but State/Local/Tribe Reporting Emissions in the Nonpoint Category
- Permanently Shutdown
- Temporarily Shutdown



Facility Inventory and Point Emissions

- Results shown below search button.
 - Change number of rows displayed
 - Flip through pages
 - Download Results to csv file
 - Can search or sort within each result field

★ If system hangs on “Processing ...” first try erasing any search text. If totally stuck, clear browser cache ★



Search eis facility | Search agency identifier | Search program | Search facility name

Show 25 entries

EIS Facility ID	Agency Identifier	Program Code	Facility Name
11060411			ALLIANCE
12304511			ALLOWAY AIRFIELD
7480011	65499	NJDEP	Ardagh Glass Containers Inc.
7479611	65124	NJDEP	Bristol Myers Squibb
7992611	65472	NJDEP	Budd Chemical Company
7989011	65498	NJDEP	CARNEYS POINT GENERATING PLANT
13591611	65510	NJDEP	CARNEYS POINT METAL PROCESSING INC
7992711	65473	NJDEP	CHEMOURS-CHAMBERS WORKS
11711611			COOMBS
11922911			DEEPWATER
7479811	65495	NJDEP	Deepwater Energy Center
7904811	65491	NJDEP	DuPont Chambers Works
11840511			ELMER COMMUNITY HOSPITAL
10948411			EMMANUEL
7479911	65496	NJDEP	Hope Creek Generating Station
14399911	65131	NJDEP	LUBRIZOL ADVANCED MATERIALS INC
7480211	65027	NJDEP	Mac Specialty Coatings
7412111	65493	NJDEP	Mannington Mills, Inc
7479511	65047	NJDEP	Memorial Hospital Of Salem County
8173011	65404	NJDEP	Mexichem - Specialty Resins

Showing 1 to 10 of 165 entries

Download Results: [CSV](#)

2 3 4 5 ... 17 Next Last

Facility Inventory and Point Emissions

- Results display fields:
 - EIS Facility ID
 - Agency ID
 - Program System Code
 - County • State • FIPS
 - Tribal Name
 - Facility Name
 - Company Name
 - NAICS
 - Facility Source Type
 - Operating Status
 - Facility lat/long coordinates
 - Address • City • State • Zip Code

★ Blue font fields are links to view details ★

Search Clear

Show 25 entries

Search eis facility id Search agency identifi Search program syste Search Search coame Search facility name

EIS Facility ID	Agency Identifier	Program System Code	ST	County	Facility Name	C
8173911	65494	NJDEP	NJ	Salem	Mexichem - Specialty Resins Inc.	Na
7480511			NJ	Salem	Noveon Inc	Na
12804811	65530	NJDEP	NJ	Salem	Oxy Vinyls, LP	
7988911	65497	NJDEP	NJ	Salem	Pedricktown Cogeneration Plant	Pe Cc
9377711			NJ	Salem	Spitfire Aerodrome	

Showing 1 to 5 of 5 entries (filtered from 37 total entries)

Download Results: [CSV](#)

First Previous 1

Facility Site

- Buttons at top will open and jump to Facility, Release Point, Emissions Units, and Processes “accordion” sections
- Other sections:
 - NAICS
 - Geographic Coordinates
 - Alternate Facility Identifiers
 - Alternate Facility Names
 - Facility Expected Pollutants
 - Site Controls
 - Site Control Paths
 - Facility Audit Log
 - Geographic Coordinate Audit Log

★ On right side, you can pull up Facility-level emissions by year ★

-- Emissions Year --

Facility Site

Facility Site

Facility Site	Release Points	Emissions Units	Processes
▶ Facility Information			
▶ NAICS			
▶ Geographic Coordinates			
▶ Alternate Facility Identifiers			
▶ Alternate Facility Names			
▶ Facility Expected Pollutants			
▶ Release Points			
▶ Emissions Units			
▶ Processes			
▶ Site Controls			
▶ Site Control Paths			
▶ Facility Audit Log			
▶ Geographic Coordinate Audit Log			

Last updated by agency: New Jersey Department of Environment & Protection

Last updated on: 2022-12-01 10:44 AM

Facility-level emissions

- Pollutant Type()
- HAP Type
- Pollutant Code
- Pollutant Name
- UOM (Units of Measure)
- Different emissions Datasets
 - SLT
 - NEI selection
 - TRI
 - HAPAug, etc.

Facility Site

Emissions

Show 50 entries

Pollutant Type(s)	HAP Type	Pollutant Code	Pollutant Name	UOM	New Jersey Department of Environment Protection	2021NEI_draftV1.1	2021EPA_TRI	2021EPA_PMAug
CAP		PM25-FIL	PM2.5 Filterable	TON	-	29.8525	-	29.8525
CAP		SO2	Sulfur Dioxide	TON	0.1541	0.1541	-	-
CAP		VOC	Volatile Organic Compounds	TON	18.2947	18.2947	-	-
CAP		PM10-PRi	PM10 Primary (Filt + Cond)	TON	31.6660	31.6660	-	-
CAP		NH3	Ammonia	TON	0.1896	0.1896	-	-
CAP		NOX	Nitrogen Oxides	TON	11.6146	11.6146	-	-
CAP		PM25-PRi	PM2.5 Primary (Filt + Cond)	TON	31.6660	31.6660	-	-
CAP		PM-CON	PM Condensable	TON	-	1.8135	-	1.8135
CAP		CO	Carbon Monoxide	TON	5.4642	5.4642	-	-
CAP		PM10-FIL	PM10 Filterable	TON	-	29.8525	-	29.8525
CAP/HAP	HAP-Metal	7439921	Lead	LB	0.2000	0.2000	-	-
GHG		CH4	Methane	TON	0.9561	0.9561	-	-
GHG		CO2	Carbon Dioxide	TON	30,308.5996	30,308.5996	-	-
HAP	HAP-Metal	7440020	Nickel	LB	1.0628	1.0628	-	-
HAP	HAP-Metal	7440382	Arsenic	LB	0.1012	0.1012	-	-
HAP	HAP-Metal	7440417	Beryllium	LB	0.0061	0.0061	-	-
HAP	HAP-Metal	7440439	Cadmium	LB	0.5567	0.5567	-	-
HAP	HAP-Metal	7439976	Mercury	LB	-	0.0002	-	-
HAP	HAP-Metal	18540299	Chromium (VI)	LB	-	0.0329	-	-
HAP	HAP-Metal	7439965	Manganese	LB	0.1923	0.1923	-	-

Pollutant Code	Pollutant Name	UOM	New Jersey Department of Environment Protection	2021NEI_draftV1.1	2021EPA_TRI
75014	Vinyl Chloride	LB	20,526.1699	20,526.1699	20,478.0000

Edit Facility Site information


- Starred fields are required fields

Edit Facility Site

▼ Facility Information

EIS Facility ID:	8173911
Agency Identifier:	<input type="text" value="65494"/>
Agency Identifier PSC:	NJDEP
State and County FIPS:	<input type="text" value="34033 - Salem, New Jersey"/>
★ Facility Name:	<input type="text" value="Mexichem - Specialty Resins Inc."/>
Facility Description:	<input type="text" value="Na"/>
Company Name:	<input type="text" value="Na"/>
★ NAICS (Primary):	<input type="text" value="325211 - Plastics Material and Resin Manufacturing"/>
Affiliation Type Code:	<input type="text" value="Owner"/>
Facility Source Type:	
Required Reporting Frequency:	Not Required
Facility Category:	<input type="text" value="Unknown"/>
★ Operating Status:	<input type="text" value="Operating"/>
Operating Status Year:	<input type="text" value="2021"/>
★ Physical Address:	<input type="text" value="76 PORCUPINE RD"/>
Supplemental Address:	<input type="text"/>
★ Locality:	<input type="text" value="PEDRICKTOWN"/>
★ State:	<input type="text" value="New Jersey"/>
★ Zip Code:	<input type="text" value="08067-0400"/>
Address Comment:	<input type="text"/>
HAP Facility Category:	
EIS Comment:	<input type="text"/>


Edit Facility Site Information


- Geographic Coordinates
 - Fields with  are “locked” and cannot be edited either via Gateway edit or XML submission.
 - Coordinate Tolerance (in decimal degrees) is the bounds of allowable release points.
 - Contact Ron Ryan if you need to move a locked facility coordinate and/or add release point coordinates outside coordinate tolerance.
- When ready, hit
 - Save
 - Undo or
 - Cancel if you want to start over.


HAP Facility Category:


EIS Comment:


▼ Geographic Coordinates


 Latitude: 39.765118


 Longitude: -75.419852


 Coordinate Tolerance: 0.003


 Source Map Scale Number:


 Horizontal Accuracy Measure (m):


 Horizontal Collection Method:


 Horizontal Reference Datum:


 Geographic Reference Point:


 Data Collection Date:


 EIS Comment:


 Vertical Measure (m):

 Vertical Collection Method:

 Vertical Reference Datum:

 Verification Method:

 Coordinates Data Source:

 Geometric Type:

Alternate Facility Identifiers

▼ Alternate Facility Identifiers

Show entries

[Add Alternate Identifier](#)

	Alternate Identifier ▲	Program System Code ◆	Effective Date ◆	End Date ◆	Last Updated On ◆	Last Updated By ◆	Last Updated From Agency ◆
	08067THGNCUSRTE	EPATRI	2013-07-27		2013-08-26 10:53 AM	Ron Ryan	EIS
	110014821737	EPAFRS	2008-10-02		2008-10-02 05:48 PM	Data Migration	EIS
	110041022274	63EEEE	2015-03-13		2015-03-13 11:26 AM	Jonathan Miller	EIS
	65494	NJDEP	2008-10-02		2020-12-22 10:17 AM	Danny Wong	New Jersey Department of Environment Protection
	8173911	NATA	2017-02-10		2017-02-10 03:00 PM	Jonathan Miller	EIS
	NEI6404	EPANEI	2008-10-02		2008-10-02 05:48 PM	Data Migration	EIS

Showing 1 to 6 of 6 entries

[First](#) [Previous](#) [1](#) [Next](#) [Last](#)

Download Results: [CSV](#)

Alternate Facility Names

▼ Alternate Facility Names

Show entries

[Add Alternate Name](#)

Alternate Name ▲	Alternate Name Type ▲	Effective Date ▲	Program System Code ▲	Program System Code Description ▲	Last Updated On ▲	Last Updated By ▲	Last Updated From Agency ▲
POLYONE CORP	Historical	2008-10-02	EPATRI	USEPA Toxic Release Inventory	2008-10-02 05:50 PM	Data Migration	EIS

Showing 1 to 1 of 1 entries

[First](#) |
 [Previous](#) |
 [1](#) |
 [Next](#) |
 [Last](#)

Download Results: [CSV](#)

Facility Expected Pollutants

▼ Facility Expected Pollutants

Show entries

Pollutant Type(s) ▲	Pollutant Code ▲	Pollutant Code Description ▲	Threshold Minimum Value ▲	Threshold Maximum Value ▲	Unit of Measure ▲	Last Updated On ▲	Last Updated By ▲
CAP	NOX	Nitrogen Oxides			TON	2022-02-24 05:08 PM	Jonathan Miller
CAP	PM10-FIL	PM10 Filterable	15	61	TON	2022-02-24 04:32 PM	Jonathan Miller
CAP	PM25-FIL	PM2.5 Filterable	15	61	TON	2022-02-24 04:32 PM	Jonathan Miller
CAP	VOC	Volatile Organic Compounds			TON	2022-02-24 05:08 PM	Jonathan Miller
HAP	75014	Vinyl Chloride	8226	32903	LB	2022-02-24 04:54 PM	Jonathan Miller

Showing 1 to 5 of 5 entries

Download Results: [CSV](#)

Release Points

▼ Release Points

Show entries [Add Release Point](#)

EIS RP ID	Agency RP ID	PSC ID	Description	Status	Type	RP Height (FT)	Stack Diameter (FT)	RP Width (FT)	RP Length (FT)	Flow	Flow UOM	Velocity	Velocity UOM	Temp/Deg F
4349512				Operating	Vertical	52.1	1.9					25.2	FPS	215
4349612				Operating	Fugitive Area: SW Corner Coords	10	0							72
60441812	PT99999	NJDEP		Operating	Fugitive Area: SW Corner Coords					30	ACFM			70
60436212	PT99	NJDEP	To Delete: BOS-1S	Operating	Fugitive Area: SW Corner Coords					23700	ACFM			320
60436312	PT98	NJDEP	PU-1U	Operating	Fugitive Area: SW Corner Coords					1125	ACFM			645

Release Point Data

▼ Release Point Data

EIS Release Point ID: 60441812
Agency Release Point Identifier: PT99999 (NJDEP)
Release Point Description:
Release Point Type: Fugitive Area: SW Corner Coords
Operating Status Code: Operating
Operating Status Year:
Exit Gas Velocity:
Exit Gas Velocity Unit Of Measure:
Exit Gas Flow Rate: 30
Exit Gas Flow Rate Unit Of Measure: ACFM
Exit Gas Temperature (°F): 70
Distance to Fence Line (ft):
Fugitive Height (FT):
Release Point Width (FT):
Release Point Length (FT):
Fugitive Angle (DEG):
EIS Comment:
Used by an EIS Process?: yes
Last updated from: Danny Wong
Last updated by agency: New Jersey Department of Environment Protection
Last updated on: 2020-12-22 10:17 AM

[Edit Release Point](#)

-- Emissions Year -- ▾ View

★ “Emissions Year” summaries are available for Facility, Release Point, and Emissions Unit . More detailed emissions information is available on the View Emissions Process Detail page ★

Edit Release Point

Parameters to enter change depending on Release Point Type entered:

Release point parameter best practices:

- Fill in Release Point Description
- Be careful about exit gas flow units:
 - Actual cubic feet / minute
 - Actual cubic feet / sec
 - (not dry standard)
- QA checks enforce stack area * vel = flow
 - When in doubt, fill in the two parameters most sure about (usually diameter and flow) and leave the other one blank.
 - AERMOD takes velocity, either provided or calculated

▼ Release Point Data

EIS Release Point ID: 60441812

● Agency Release Point Identifier:

Program System Code: New Jersey Department of Environmental Protection

Release Point Description:

● Release Point Type: ▼

● Operating Status Code: ▼

Operating Status Year:

Exit Gas Velocity:

Exit Gas Velocity Unit Of Measure: ▼

Exit Gas Flow Rate:

Exit Gas Flow Rate Unit Of Measure: ▼

Exit Gas Temperature (°F):

Distance to Fence Line (ft):

Fugitive Height (FT):

Release Point Width (FT):

Release Point Length (FT):

Fugitive Angle (DEG):

EIS Comment:

Edit Release Point

- This check box will automatically ties the facility coordinates to the release point.
- Horizontal Datum - Google earth/maps is “WGS 84”

▼ Release Point Geographic Coordinates

Use facility site geographic coordinates?

Latitude: 39.76558

Longitude: -75.420429

Source Map Scale Number:

Horizontal Accuracy Measure (m):

Horizontal Collection Method: --- Select ---

Horizontal Reference Datum: --- Select ---

Geographic Reference Point: --- Select ---

Data Collection Date:

EIS Comment:

Vertical Measure (m):

Vertical Collection Method: --- Select ---

Vertical Reference Datum: --- Select ---

Verification Method: --- Select ---

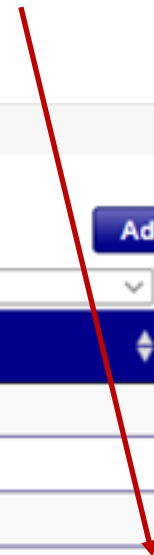
Coordinates Data Source: --- Select ---

Geometric Type: --- Select ---

Save Undo Cancel

Emissions Units

★ Process count is also a clickable link ★



▼ Emissions Units

Show **25** entries [Add Emissions Unit](#)

N/A

	EIS Emissions Unit ID	Agency Unit ID	Program System Code	Emissions Unit Description	Unit Status	Unit Type	Process Count
	137442313	IS29	NJDEP	Fuel Oil Storage Tank (TK-9S)	Operating	Storage Tank	1
	94570213	FG0	NJDEP	Summary	Operating	Unclassified	1
	94570113	FG0	NJDEP		Operating	Unclassified	1
	79341513	U9999	NJDEP		Operating	Unclassified	1
	65771813	IS11	NJDEP	Sanitary System, Manholes, Piping, Influent & Effluent Treatment, Chlorine Handling < 50lbs/hr, <3,500	Operating	Other process equipment	1
	65771713	IS13	NJDEP	Cooling Tower with <50 lb/hr of additives	Operating	Other process equipment	1
	65771613	IS8	NJDEP	Non Applicable VOC Storage Tanks less than 10,000 gallons	Operating	Storage Tank	1
	65771513	IS9	NJDEP	Non Applicable VOC Storage Tanks less than 10,000 gallons	Temporarily Shutdown	Storage Tank	0
	65771413	IS10	NJDEP	Non Applicable VOC Storage Tanks less than 10,000 gallons	Operating	Storage Tank	1

Emission Unit Detail

▼ Unit Information

EIS Emissions Unit ID: 94570113

Agency Identifier: FC0 (NJDEP)

Emissions Unit Description:

Unit Type: Unclassified

Operating Status: Operating

Unit Operating Status Year: 2021

Unit Operation Date (YYYY-MM-DD):

EIS Comment:

Design Capacity:

Design Capacity UOM:

Permit Status:

Permit Status Begin Year:

Permit Status End Year:

Last updated from: Michael Mankbadi

Last updated by agency: New Jersey Department of Environment Protection

Last updated on: 2022-12-01 10:44 AM

[Edit Unit](#)

[Delete Emissions Unit](#)


-- Emissions Year --

▶ Alternate Unit Identifiers

▼ Processes

Show entries

N/A

EIS Process ID	Agency Process ID	Program System Code	Emissions Process Description	SCC
 129355314	OS0	NJDEP		39999999

Showing 1 to 1 of 1 entries

Download Results: [CSV](#)

View Emissions Process Detail

▶ Emissions Unit

▼ Emissions Process

EIS Process ID:	129355314	Edit Emissions Process
Agency Process ID:	OS0 (NJDEP)	Delete Emission Process
SCC:	399999999	View Emissions
Aircraft Engine Type Code:		
Emissions Process Description:		
SCC Level One:	Industrial Processes	
SCC Level Two:	Miscellaneous Manufacturing Industries	
SCC Level Three:	Miscellaneous Industrial Processes	
SCC Level Four:	Other Not Elsewhere Classified	
Process Operating Status:	Operating	
Process Operating Status Year:		
Comment:		
Last updated from:	Data Migration	
Last updated by agency:	EIS	
Last updated on:	2021-06-12 10:57 AM	

▶ Alternate Process Identifiers

▶ Release Point Apportionment

Edit Emissions Process

- SCC – Be careful pulling from drop down.
 - You can type numbers and will jump to first instance of digits you have typed so far.
 - Typing text of descriptions wont do anything.

▼ Emissions Process

EIS Process ID: 102372514

Agency Process ID: OS99999

Program System Code: NJDEP

SCC: 39999999-Industrial Processes,Miscellaneous Manu ▼

Aircraft Engine Type Code: -- Select -- ▼

Emissions Process Description:

Process Operating Status: Operating ▼

Process Operating Status Year:

Comment:

Process Emissions (click on “View emissions”)

- Selector shows all datasets that have emissions for this process
- Only place in EIS Gateway to see more than one year at a time

▼ Datasets: Click on the Dataset row to select one or more Datasets to view or edit emissions

Show entries

DataSet	Inventory Year	Reporting Period Type	Emissions Code
New Jersey Department of Environment Protection 2021NEI_draftV1.1	2021	Annual	Routine
New Jersey Department of Environment Protection 2020NEI	2020	Annual	Routine
New Jersey Department of Environment Protection 2019NEI_V3	2019	Annual	Routine
New Jersey Department of Environment Protection 2018NEI_Sep2021	2018	Annual	Routine
New Jersey Department of Environment Protection 2017NEI	2017	Annual	Routine

Showing 1 to 10 of 24 entries

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Process Emissions (click on “View emissions”)

- Each dataset you click on will sequentially add another column to the table below. Click again to remove from table.

▼ Emissions

Pollutant Type(s)	HAP Type	Pollutant Code	Pollutant	New Jersey Department of Environment Protection 2021 Annual Routine	DataTag	New Jersey Department of Environment Protection 2020 Annual Routine	DataTag	New Jersey Department of Environment Protection 2019 Annual Routine	DataTag
HAP	HAP-VOC	75014	Vinyl Chloride	20526.2 LB		14511.1 LB		16451.3 LB	
HAP	HAP-Metal	7440439	Cadmium	0.556700 LB		0.559400 LB		0.574400 LB	
HAP	HAP-Metal	7440417	Beryllium	0.00610000 LB		0.00610000 LB		0.00630000 LB	
HAP	HAP-Metal	7440382	Arsenic	0.101200 LB		0.101700 LB		0.104400 LB	
HAP	HAP-Metal	7440020	Nickel	1.06280 LB		1.06790 LB		1.09660 LB	

Add/Edit Release Point Apportionment

- Assign either
 - a Release Point ID from drop down, or
 - A Site Path ID

★ Release Point Descriptions used in table ★

★ Apportionment must total exactly 100 for all listed release points for process ★

Add/Edit Release Point Apportionment

▶ Facility Site

▶ Emissions Unit

▼ Emissions Process

EIS Emissions Process ID: [102372514](#)

Agency Process ID: OS99999 (NJDEP)

Description:

SCC Code: 39999999

▼ Release Point Apportionment

● Agency Release Point ID:

● Average Percent Emissions:

Comment:

Site Path ID:

Apportionment is Uncontrolled:

Show entries

EIS Release Point ID	Agency Release Point ID	Release Point Type
60441812	PT99999	Fugitive Area: SW Corner Coords

-- Select --

Stack Release Points

4349512 - ()

4349712 - (P2942)

4349812 - (P2940)

4349912 - (P2943)

4350012 - (P2941)

4350112 - (P2944)

Fugitive Release Points

4349612 - ()

60434212 - (PT200) Boiler #2

60434312 - (PT119) SED-18P

60434412 - (PT118) TK-18N

60434512 - (PT117) Filter Press

60434612 - (PT116) TK-29Z

60434712 - (PT115) TK-27Z

60434812 - (PT114) TK-26Z

60434912 - (PT113) TK-18Z

60435012 - (PT112) TK-15Z

Audit logs

- See Audit Log section at end of most Facility Site components
 - Records every change for the component since inception of that EIS Component ID
 - If something doesn't look right, you can go back, download the complete log, which may help you fix the issue.

▼ Release Point Apportionment Audit Log

12 items found, displaying 5 items. Please download below for entire list of Audit logs.

	2020-12-22 10:17 AM	2019-12-27 10:48 AM	2019-06-19 10:38 AM
Agency Release Point ID	PT99999		
EIS Release Point ID	60441812	60441812	60441812
Average Percent Emissions	100	100	100
Comment			
EIS Path ID			
Agency Path ID			
Apportionment is Uncontrolled	no	no	no
Last updated from	Danny Wong	Danny Wong	Danny Wong
Last updated by agency	New Jersey Department of Environment Protection	New Jersey Department of Environment Protection	New Jersey Department of Environment Protection
Action	edit	edit	edit

12 items found, displaying 5 items. Please download below for entire list of Audit logs.
 Download Results: [CSV](#)

Facility Site – Process Section

- Left links are Emissions Unit IDs
- Right links are Process IDs

Facility Site

Facility Site | Release Points | Emissions Units | Processes

- ▶ Facility Information
- ▶ NAICS
- ▶ Geographic Coordinates
- ▶ Alternate Facility Identifiers
- ▶ Alternate Facility Names
- ▶ Facility Expected Pollutants
- ▶ Release Points
- ▶ Emissions Units
- ▼ Processes

Show 25 entries

N/A Search eis emissions unit Search agency unit Search unit status Search eis process id Search agency pro

EIS Emissions Unit ID	Agency Unit ID	Unit Status	EIS Process ID	Agency Process ID
4472813	GR7	Operating	20058814	OS0
4472713	GR1	Operating	20058914	OS0
4472613	GR2	Temporarily Shutdown	20059014	OS0
4472513	GR5	Operating	20059114	OS0
4472413	GR6	Operating	20059214	OS0

Next up – EIS Reporting Code Tables

**Any questions about
EIS Gateway navigation
and editing?**

EIS Reporting Code Tables

REFERENCE DATA

- » Reporting Code Tables
- » Augmentation Profile Information
- » QA Checks
- » Inventory Cycle Management
- » Software and Tools

New List Features

- Sortable, Search by column
- Last Updated Date

Reporting Code Tables

Show entries

Name	Description	Last Updated Date
Affiliation Type Code	Identifies the function that an organization or individual serves, or the relationship between an individual or organization and the facility site. Examples include: Internal Reviewer, Lead Verifier, Verifying Body.	2008-10-02 16:30:23.0
Aircraft Engine Type Code	Code that identifies the aircraft engine type.	2021-08-05 07:53:06.0
Amount of Fuel Consumed Unit of Measure Code	Code that identifies the unit of measure for the amount of fuel consumed.	2022-01-26 14:57:21.0
Area within Perimeter Unit of Measure Code	Code that identifies the unit of measure for the area within the event perimeter.	2022-01-26 14:57:21.0
Area within Shape Unit of Measure Code	Code that identifies the unit of measure for the area within the shape file.	2022-01-26 14:57:21.0
Attachment File Content Type Code	A code describing the content type of a file.	2008-10-02 16:30:23.0
Calculation Material Code	Code for material or fuel processed.	2021-12-16 10:45:46.0
Calculation Parameter Type Code	Code indicating whether the material measured is an input to the process, an output of the process or a static count (not a throughput).	2008-10-02 16:30:31.0
Calculation Parameter Unit of Measure Code	Code for the unit of measure for calculation parameter value.	2022-01-26 14:57:21.0
Control Measure Code	Code that identifies the piece of equipment or practice that is used to reduce one or more pollutants.	2023-02-27 09:59:05.0

Showing 1 to 10 of 69 entries

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[5](#)
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[Last](#)

Download Results: [CSV](#)

Pollutant Codes

Status:

- All,
- Active,
- Retired

Pollutant Codes

Name: Pollutant Code

Description: The code for the pollutant which is controlled by the control measure.

Show entries

Status:

Pollutant Code	Description	Pollutant Type	HAP Type	Pollutant Category Name	Last Inventory Year	Map To	Standard Unit of Measure	Default Max	Last Updated Date
10049044	Chlorine Dioxide	Other		Chlorine Dioxide			LB		2023-06-27
111104	Methoxyethyl Oleate	Other		Methoxyethyl Oleate			LB		2023-06-27
140056	Methyl Cellosolve Acetylrinoleate	Other		Methyl Cellosolve Acetylrinoleate			LB		2023-06-27
2699798	Sulfuryl fluoride	Other		Sulfuryl fluoride			LB		2023-06-27
622082	Ethylene Glycol Monobenzyl Ether	Other		Ethylene Glycol Monobenzyl Ether			LB		2023-06-27
7664939	Sulfuric Acid Mist (Primary Aerosol)	Other		Sulfuric Acid Mist			LB		2023-06-27
NMOC	Non-methane Organic Compounds	Other		Non-methane Organic Compounds			TON		2023-06-27
PM-FIL	PM Filterable/Total Suspended Particulate Matter (TSP)	CAP		PM Filterable/Total Suspended Particulate Matter (TSP)			TON		2023-06-27
SO2	Sulfur Dioxide	CAP		Sulfur Dioxide			TON	1000	2023-06-27
DIESEL-PM10	PM10-Primary from certain diesel engines	Other		EC/OC	1900		TON		2023-05-24

Showing 1 to 10 of 774 entries

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[4](#)
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[...](#)
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Pollutant Code Highlights – Chromium Compounds

Show entries

Status:

Pollutant Code	Description	Pollutant Type	HAP Type	Pollutant Category Name	Last Inventory Year	Standard Unit of Measure	Default Max	Last Updated Date
16065831	Chromium III	HAP	HAP-Metal	Chromium Compounds		LB	1000	2022-01-19
18540299	Chromium (VI)	HAP	HAP-Metal	Chromium Compounds		LB	100	2022-01-19
7440473	Chromium	HAP	HAP-Metal	Chromium Compounds		LB	2000	2022-01-19
1333820	Chromium Trioxide	HAP	HAP-Metal	Chromium Compounds	2022	LB	100	2022-08-12
7738945	Chromic Acid (VI)	HAP	HAP-Metal	Chromium Compounds	2022	LB	500	2022-08-12

- Chromium Trioxide and Chromic Acid retiring after Inv. Year 2022
 - Beginning Inv. Year 2023, report these as mass of Chromium (VI)
 - 52/100 mass of CrO₃
 - 52/118 mass of CrH₂O₄
- Report either:
 - Chromium (VI) (18540299) and Chromium III (16065831) or
 - Chromium (7440473) (EIS will split into hexavalent and trivalent)

Dioxin/Furans planned for Inv Year 2023

Show entries

Status:

Pollutant Code	Description	Pollutant Type	HAP Type	Pollutant Category Name	Last Inventory Year	Map To	Standard Unit of Measure	Default Max	Last Updated Date
1746016	2,3,7,8-Tetrachlorodibenzo-p-Dioxin	HAP	HAP-VOC	Dioxins/Furans as 2,3,7,8-TCDD TEQs			LB	5	2023-04-03
19408743	1,2,3,7,8,9-Hexachlorodibenzo-p-Dioxin	HAP	HAP-VOC	Dioxins/Furans as 2,3,7,8-TCDD TEQs			LB	5	2023-04-03
39001020	Octachlorodibenzofuran	HAP	HAP-VOC	Dioxins/Furans as 2,3,7,8-TCDD TEQs			LB	5	2023-04-03
39227286	1,2,3,4,7,8-Hexachlorodibenzo-p-Dioxin	HAP	HAP-VOC	Dioxins/Furans as 2,3,7,8-TCDD TEQs			LB	5	2023-04-03
40321764	1,2,3,7,8-Pentachlorodibenzo-p-Dioxin	HAP	HAP-VOC	Dioxins/Furans as 2,3,7,8-TCDD TEQs			LB	5	2023-04-03
51207319	2,3,7,8-Tetrachlorodibenzofuran	HAP	HAP-VOC	Dioxins/Furans as 2,3,7,8-TCDD TEQs			LB	5	2023-04-03
55673897	1,2,3,4,7,8,9-Heptachlorodibenzofuran	HAP	HAP-VOC	Dioxins/Furans as 2,3,7,8-TCDD TEQs			LB	5	2023-04-03
57117314	2,3,4,7,8-Pentachlorodibenzofuran	HAP	HAP-VOC	Dioxins/Furans as 2,3,7,8-TCDD TEQs			LB	5	2023-04-03
57117416	1,2,3,7,8-Pentachlorodibenzofuran	HAP	HAP-VOC	Dioxins/Furans as 2,3,7,8-TCDD TEQs			LB	5	2023-04-03
57117449	1,2,3,6,7,8-Hexachlorodibenzofuran	HAP	HAP-VOC	Dioxins/Furans as 2,3,7,8-TCDD TEQs			LB	5	2023-04-03
57653857	1,2,3,6,7,8-Hexachlorodibenzo-p-Dioxin	HAP	HAP-VOC	Dioxins/Furans as 2,3,7,8-TCDD TEQs			LB	5	2023-04-03
628	Dioxins/Furans as 2,3,7,8-TCDD TEQs - WHO2005	HAP	HAP-VOC	Dioxins/Furans as 2,3,7,8-TCDD TEQs - WHO2005			LB	5	2023-04-03
72918219	1,2,3,7,8,9-Hexachlorodibenzofuran	HAP	HAP-VOC	Dioxins/Furans as 2,3,7,8-TCDD TEQs			LB	5	2023-04-03
3268879	Octachlorodibenzo-p-Dioxin	HAP	HAP-VOC	Dioxins/Furans as 2,3,7,8-TCDD TEQs			LB	5	2023-03-21
35822469	1,2,3,4,6,7,8-Heptachlorodibenzo-p-Dioxin	HAP	HAP-VOC	Dioxins/Furans as 2,3,7,8-TCDD TEQs			LB	5	2023-03-21
60851345	2,3,4,6,7,8-Hexachlorodibenzofuran	HAP	HAP-VOC	Dioxins/Furans as 2,3,7,8-TCDD TEQs			LB	5	2023-03-21
67562394	1,2,3,4,6,7,8-Heptachlorodibenzofuran	HAP	HAP-VOC	Dioxins/Furans as 2,3,7,8-TCDD TEQs			LB	5	2023-03-21
70648269	1,2,3,4,7,8-Hexachlorodibenzofuran	HAP	HAP-VOC	Dioxins/Furans as 2,3,7,8-TCDD TEQs			LB	5	2023-03-21

Source Classification Codes

EIAG SCC Contact:
Godfrey.Janice@epa.gov
919-541-3391

Source Classification Code List

Name: Source Classification Code - EIS

Description: The 8 or 10-digit EPA Code that describes an emission.

Show entries

Data category: Status:

Data Category	Code	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Map To	Last Inventory Year	Option Group	Op
Point	10100101	External Combustion	Electric Generation: Boilers	Anthracite Coal	Anthracite Coal, Pulverized: Boiler				
Point	10100102	External Combustion	Electric Generation: Boilers	Anthracite Coal	Boiler, Traveling Grate (Overfeed) Stoker				
Point	10100201	External Combustion	Electric Generation: Boilers	Bituminous/Subbituminous Coal	Bituminous Coal, Pulverized: Boiler, Wet Bottom				
Point	10100202	External Combustion	Electric Generation: Boilers	Bituminous/Subbituminous Coal	Bituminous Coal, Pulverized: Boiler, Dry Bottom				
Point	10100203	External Combustion	Electric Generation: Boilers	Bituminous/Subbituminous Coal	Bituminous Coal: Boiler, Cyclone Furnace				
Point	10100204	External Combustion	Electric Generation: Boilers	Bituminous/Subbituminous Coal	Bituminous Coal: Boiler, Spreader Stoker				
Point	10100205	External Combustion	Electric Generation: Boilers	Bituminous/Subbituminous Coal	Bituminous Coal: Boiler, Traveling Grate (Overfeed) Stoker				
Point	10100211	External Combustion	Electric Generation: Boilers	Bituminous/Subbituminous Coal	Bituminous Coal: Boiler, Wet Bottom Tangential-fired				
Point	10100212	External Combustion	Electric Generation: Boilers	Bituminous/Subbituminous Coal	Bituminous Coal, Pulverized: Boiler, Dry Bottom Tangential-fired				
Point	10100215	External Combustion	Electric Generation: Boilers	Bituminous/Subbituminous Coal	Bituminous Coal: Cell Burner				

Showing 1 to 10 of 9,418 entries (filtered from 13,999 total entries)

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Release Point Types

Code Table List View

Name: Release Point Type Code

Description: Code that identifies the type of release point.

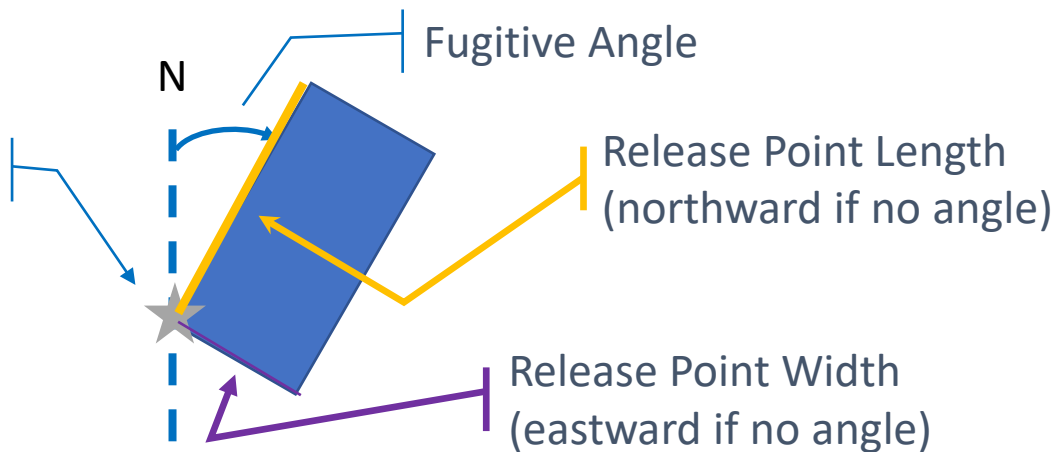
Filter By:

Show entries

Release Point Type Code	Description	Release Point Category	CAER Release Point Type	Last Updated Date
1	Fugitive Area: SW Corner Coords	Fugitive	Fugitive	2022-05-25
2	Vertical	Stack	Stack	2022-05-25
3	Horizontal	Stack	Stack	2022-05-25
4	Goose Neck	Stack	Stack	2022-05-25
5	Vertical with Rain Cap	Stack	Stack	2022-05-25
6	Downward-facing Vent	Stack	Stack	2022-05-25
7	Fugitive 3-D: Center of Release footprint coords	Fugitive	Fugitive	2022-05-25
8	Low Flow Vent	Stack	Fugitive	2022-05-25
9	Fugitive 2D: Two midpoint coord pairs	Fugitive	Fugitive	2022-05-25

Showing 1 to 9 of 9 entries

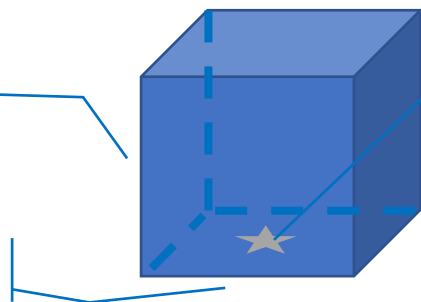
Coordinates from
SW Corner



Type 1: Area Fugitives

Release Point Fugitive
Height

Release Point Width

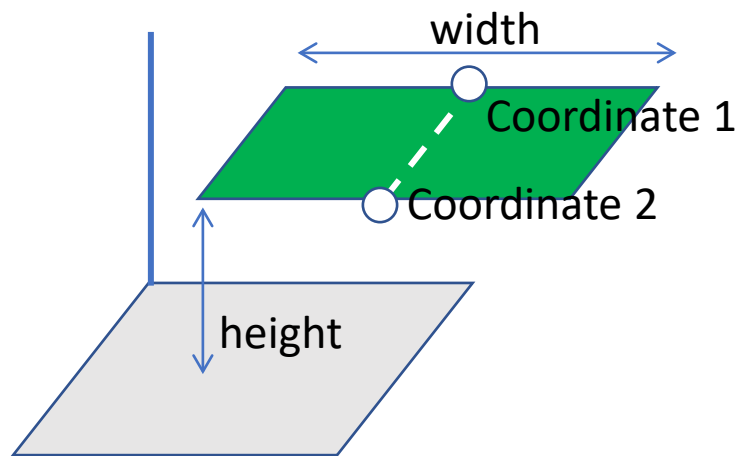
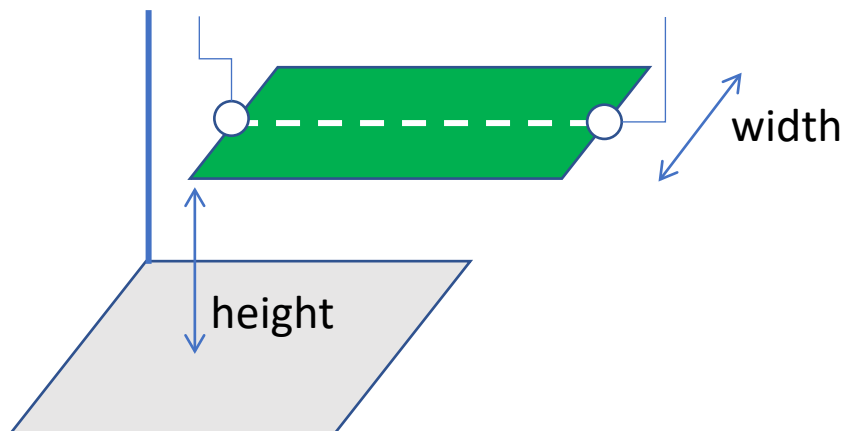


Coordinates Represent
Center of Footprint

Type 8: 3D Fugitives

Coordinate 1

Coordinate 2



Type 9: 2D Fugitives

Fugitive Area Source Parameters Can Be Tricky



Code Table List View

Name: Control Measure Code

Description: Code that identifies the piece of equipment or practice that is used to reduce one or more pollutants.

Filter By:

Show entries

Control Measure Code	Description	Pollutant Type(s)	Last Updated Date
338	Turbine to Burn Waste Gas		2023-02-27
339	Boiler to Burn Waste Gas		2023-02-27
340	Internal Combustion Device to Burn Waste Gas		2023-02-27
19	Catalytic Afterburner	Device	2018-01-18
20	Catalytic Afterburner with Heat Exchanger	Device	2018-01-18
21	Direct Flame Afterburner	Device	2018-01-18
22	Direct Flame Afterburner with Heat Exchanger	Device	2018-01-18
23	Flaring	Device	2018-01-18
25	Staged combustion	Device	2018-01-18
26	Flue Gas Recirculation	Device	2018-01-18

Showing 1 to 10 of 127 entries

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Code Table List View

Name: Unit Type Code

Description: Code that identifies the type of emissions unit activity.

Show entries

Unit Type Code	Description	Unit Group	EPA Note	Last Updated Date
230	Coke Battery	Fuel Comb. Equipment		2020-07-31
202	Regenerative Furnace	Mineral Wool Fiberglass		2018-01-18
203	Recuperative Furnace	Mineral Wool Fiberglass		2018-01-18
204	Electric Furnace	Mineral Wool Fiberglass		2018-01-18
205	Unit Melter Furnace	Mineral Wool Fiberglass		2018-01-18
206	Air Gas Furnace	Mineral Wool Fiberglass		2018-01-18
207	Oxyfuel Furnace	Mineral Wool Fiberglass		2018-01-18
208	Cold top Furnace	Mineral Wool Fiberglass		2018-01-18
209	Pot/Marble Melt Furnace	Mineral Wool Fiberglass		2018-01-18
211	Lumber Dry Kiln	PCWP unit type		2018-01-18

Showing 1 to 10 of 202 entries

First Previous 1 **2** 3 4 5 ... 21 Next Last

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Code Table List View

Name: Emission Calculation Method Code

Description: Code that defines the method used to calculate emissions.

Show entries

Emission Calculation Method Code	Description	Notes	Last Updated Date
1	Continuous Emission Monitoring System		2009-06-10
2	Engineering Judgment		2009-06-10
3	Material Balance		2009-06-10
4	Stack Test (no Control Efficiency used)	use if source is uncontrolled or if test was after controls	2009-06-10
5	USEPA Speciation Profile	use where emissions for one pollutant were derived as a fraction of or ratio to another pollutant's emissions	2009-06-10
6	S/L/T Speciation Profile	use where emissions for one pollutant were derived as a fraction of or ratio to another pollutant's emissions	2009-06-10
7	Manufacturer Specification		2009-06-10
8	USEPA Emission Factor (no Control Efficiency used)	use if source and Emission Factor are uncontrolled or if Emission Factor itself accounts for controls without need to apply a control efficiency in emissions calculation	2009-06-10
9	S/L/T Emission Factor (no Control Efficiency used)	use if source and Emission Factor are uncontrolled or if Emission Factor itself accounts for controls without need to apply a control efficiency in emissions calculation	2009-06-10
10	Site-Specific Emission Factor (no Control Efficiency used)	use if source and Emission Factor are uncontrolled or if Emission Factor itself accounts for controls without need to apply a control efficiency in emissions calculation	2009-06-10

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Show 10 entries

Search check name Search check type Search error level Search check description Search error message Search resolution message Search data categories Search components

Check ID	Check Name	Check Type	Error Level	Check Description	Error Message	Resolution Message	Data Categories	Components
----------	------------	------------	-------------	-------------------	---------------	--------------------	-----------------	------------

11	Inventory Year Present	Present	Critical	An inventory year must be reported in a file submission.	Emissions Year is required.	Please review the structure of your XML file.	Biogenic Event Facility Inventory Nonpoint Nonroad Onroad Point	None
----	------------------------	---------	----------	--	-----------------------------	---	--	------

13	Facility Site Identifiers Present	Present	Critical	There must be a facility site identifier and system code when reporting the Facility Site component. The Facility Site and all dependent data will not be stored if this identifier is missing or not valid.	There must be a valid Facility Site Identifier when reporting the Facility Site component.		Facility Inventory Point	FacilitySite
----	-----------------------------------	---------	----------	--	--	--	--------------------------------	--------------

14	EIS Facility Site Identifier Exists	Conditional	Critical	If the EIS facility site identifier is reported, it must match a record in the EIS facility inventory.	EIS Facility Site Identifier must match an existing facility site.	Please check the identifier entered and re-enter.	Facility Inventory Point	FacilityIde
----	-------------------------------------	-------------	----------	--	--	---	--------------------------------	-------------

17	Emissions Unit Identifiers Present	Present	Critical	There must be an emissions unit identification component reported when reporting the emissions unit. The component and all dependent data will not be stored if there are missing required data.	There must be a valid Emissions Unit Identifier when reporting the Emissions Unit component.	Please provide either the EIS identifier or Agency Identifier for the Emission Unit Identifier component.	Facility Inventory Point	Emissions
----	------------------------------------	---------	----------	--	--	---	--------------------------------	-----------

18	Emission Release Point Identifiers Present	Present	Critical	Either the EIS emission release point identifier or the agency emission release point identifier is required when reporting the release point component. Both identifiers may be reported. The component and all dependent data will not be stored if there are missing required data.	Either the EIS emission release point identifier or the agency emission release point identifier is required when reporting the release point component. Both identifiers may be reported. The component and all dependent data will not be stored if there are missing required data.	Please provide either the EIS identifier or Agency Identifier for the Emission Release Point Identifier component.	Facility Inventory	ReleasePo
----	--	---------	----------	--	--	--	-----------------------	-----------

21	NAICS Type Valid	Code	Critical	NAICS Type must be valid.	NAICS Type must be Primary, Secondary or Tertiary	Please enter a valid NAICS Type.	Facility Inventory	FacilityNA
----	------------------	------	----------	---------------------------	---	----------------------------------	-----------------------	------------

22	Primary NAICS Type Unique	Duplication	Critical	Primary NAICS Type must be unique.	There may only be one Primary NAICS Type.	Please enter one valid Primary NAICS Type.	Facility Inventory	FacilityNA
----	---------------------------	-------------	----------	------------------------------------	---	--	-----------------------	------------

23	State and County FIPS Code Valid	Code	Critical	Must match active and valid value in list of registered codes.	State and County FIPS Code must match active and valid value in list of registered codes.	Please review the list of active and valid State and County FIPS Codes available through the EIS Gateway and resubmit your data with an active and valid code.	Nonpoint Nonroad Onroad	Location
----	----------------------------------	------	----------	--	---	--	-------------------------------	----------

24	NAICS Code Unique	Duplication	Critical	NAICS code must be unique within a facility.	NAICS code must be unique within a facility.	Please review list of NAICS codes available through the EIS Gateway and resubmit your data with a unique code.	Facility Inventory	FacilityNA
----	-------------------	-------------	----------	--	--	--	-----------------------	------------

25	Tribal Code Valid	Code	Critical	Must match active and valid value in list of registered codes.	Tribal Code must match active and valid value in list of registered codes.	Please review the list of active and valid Tribal Codes available through the EIS Gateway and resubmit your data with an active and valid code.	Nonpoint Nonroad Onroad	Location
----	-------------------	------	----------	--	--	---	-------------------------------	----------



Showing 1 to 10 of 904 entries

First Previous 1 2 3 4 5 ... 91 Next Last

Download Results: CSV

Edit Search Criteria

Which facilities can I edit, which can I view?

- You can only edit facilities having Program System Code of your organization.
- You can also view facilities in another organization's Program System Code if they granted access to your organization.

Agency Organization Detail

CURRENT AGENCY

Agency Description: Washington State Department of Ecology
Agency Type: State
EPA Process Group: 1

Agency Responsibilities | Agency Members | Program System Codes | Allow Access | Feedback Reports | Complaint Survey

ALLOW ACCESS

ACCESS ALLOWED TO

Member Information of Allowed Agencies

Agency Name	Agency Type
Confederated Tribes of the Colville Reservation, Washington	Tribal
EPA Region 10	Regional Office
Makah Indian Tribe of the Makah Indian Reservation	Tribal
Olympic Region Clean Air Agency	Local Agency
Puget Sound Clean Air Agency	Local Agency
Southwest Clean Air Agency	Local Agency
Tulalip Tribes of Washington	Tribal
Yakama Nation Reservation	Tribal

ACCESS ALLOWED FROM

Agency Description	Agency Type
Olympic Region Clean Air Agency	Local Agency
Puget Sound Clean Air Agency	Local Agency
Southwest Clean Air Agency	Local Agency

To grant access to another agency to be able to view your agency's facilities, please email Dayton.Lindsay@epa.gov

Control Path

- Example with apportionment of two pollutants, one impacted by control device, the other unaffected by control device. Control path with proper control path pollutant table apportions releases more correctly.

Next up – EIS Reports

**Any questions about
EIS Reporting Code Tables?**

EIS Reports Available for Point Sources

- Emission Summary Reports
- Facility Emissions Summary
 - By Facility, Emissions Unit, Process, Release Point, SPPD RTR Modeling File (input for HEM)
- Facility Configuration
 - Facility, Process and Unit, Release Point, Alternate IDs, Expected Pollutants, Control Path
- Data Tagging
- SMOKE Flat Files
- Facility and Emission Snapshots – XML Files in CERS Schema
- Comparison Report

REPORTS

- » Request Reports
- » Report Downloads
- » Large File Download
- » Feedback Reports
- » Agency Submission History Report
- » Data Completeness Report

Emissions Summary by Facility

- Select on a list of EIS Facility IDs
 - Saved to CSV file
 - Cell A1= EIS Facility ID

▼ EIS Facility Identifiers

The data in this report can be filtered by one or more EIS Facility Identifier(s).
Click **Choose File** to upload the EIS Facility Identifiers you want to filter your report by.
The file must be a CSV with one column labeled "EIS Facility ID" followed by any EIS Facility IDs that you want your report filtered by.
The CSV upload cannot contain more than 10,000 EIS Facility Identifiers.

No file selected.

Example File Format:

	A	B
1	EIS Facility ID	
2	504011	
3		

Emissions Summary by Facility

Columns

Select All Default

* Required Columns

Show 10 entries

Search column

Column
EPA Region Code
State
FIPS State Code
Tribal Name
FIPS Code
County
EIS Facility ID
Program System Code
Agency Facility ID
TRI Facility ID

Request Report Clear

☆ Don't forget to hit "Request Report" ☆

☆ Don't forget to hit OK at "confirmation"

eis.epa.gov says

Are you sure you want to save this report request?

OK Cancel

Showing 1 to 10 of 45 entries

First Previous 1 2 3 4 5 Next Last

- Yellow is required, pre-blue shade is default, columns. You can customize
- When in doubt, hit the Select All button. Easier to delete extra columns than to come back and run another report

Reports Available for Download

Show entries

★ Click to download report (saves as a zip file) ★

Report Type	Time Requested	Time Generated	First Name	Last Name
-------------	----------------	----------------	------------	-----------

	National By Data Category	2023-09-28 06:08 AM	2023-09-28 06:20 AM	Art	Diem	
	Area Emissions Process	2023-09-28 03:41 AM	2023-09-28 04:01 AM	Art	Diem	

Report Type: Area Emissions Process
Data Set: 2020NEI
Pollutant: 127184, 56235, 75092
Data Category: Nonpoint
Reporting Period Type: Annual
Tagged Data Handling: Not Tagged and Tagged included
Emissions Operating Type: Routine
Columns Selected: EPA Region Code, State, FIPS State Code, Tribal Name, Shape, FIPS Code, County, Data Category, Emissions Type Code, SCC, SCC Level-1, SCC Level-2, SCC Level-3, SCC Level-4, Sector, AETC, Reporting Period, Emissions Operating Type, Calculation Parameter Value, Calculation Parameter UOM, Calculation Material, Calculation Parameter Type, Actual Hours, Avg Hours per Day, Avg Days per Week, Avg Weeks per Period, Pct Winter, Pct Spring, Pct Summer, Pct Fall, Calc Data Source, Calc Data Year, Heat Content, Heat Content Numerator UOM, Heat Content Denominator UOM, %Sulfur, %Ash, Reporting Period Comment, Pollutant Code, Pollutant Desc, Pollutant Type(s), HAP Type, Total Emissions, Emissions UOM, Emission Factor, EF Numerator UOM, EF Denominator UOM, EF Text, Calc Method Code, Calculation Method, Emission Comment, Source Data Set, Data Tagged, Data Set

	Emissions Summaries by Emissions Process	2023-09-28 03:39 AM	2023-09-28 03:53 AM	Art	Diem	
	Facility Configuration: Alternate Identifiers	2023-09-26 08:28 PM	2023-09-27 12:58 AM	Art	Diem	
	Facility Configuration: Alternate Identifiers	2023-09-26 12:05 PM	2023-09-26 11:29 PM	Art	Diem	
	Area Emissions Process	2023-09-24 05:47 PM	2023-09-24 05:57 PM	Art	Diem	
	Emissions Summaries by Emissions Process	2023-09-24 05:38 PM	2023-09-24 05:49 PM	Art	Diem	

XML Facility & Point Snapshot Reports

- This report pulls your data in EIS in XML format which can be imported into the Bridge Tool staging tables. Some SLTs use this as a starting point, or resource, when developing their inventories.

Request Reports

▶ Emissions Summary Reports

▶ Facility Emissions Summary Reports

▶ Facility Configuration Reports

▶ Event Reports

▶ Inventory Development Reports

▶ Smoke Flat File

▼ Facility and Emission XML Snapshots

All Emissions (all data categories) and Facility Inventory data elements in CERS) emissions or for USEPA emissions datasets. Data is returned at Process ID or SC

Facility Snapshot (XML)	Produces Facility Inventory XML for selected records
---	--

Point Emissions Snapshot (XML)	Produces Point XML for selected records
--	---

NonPoint, OnRoad, NonRoad Emissions Snapshot (XML)	Produces Area-type XML for selected records
--	---

Event Emissions Snapshot (XML)	Produces Event XML for selected records
--	---

Questions About Overview of EIS Gateway

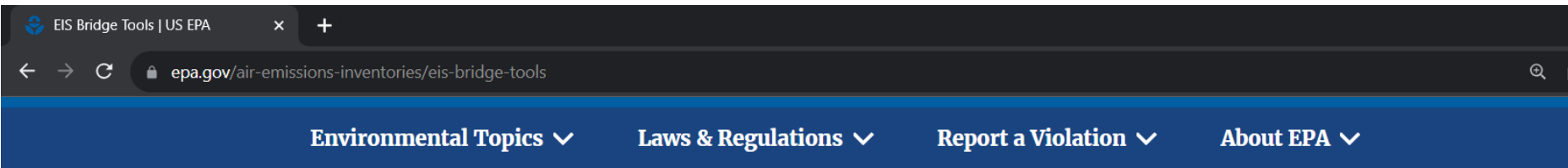




3. Point Source Inventory Submission Process Outline

- CDX Account
- Bridge Tool
- Facility & Point “Cheat sheets”
- QA Checks
- Submitting in CDX
 - QA Inventory
 - Production Inventory
 - QA Point
 - Production Point
- Report get back
- Having issues –
 - Point source lead Ron
 - Node Help desk if not uploading on exchange server

EIS Bridge Tools



Air Emissions Inventories

[CONTACT US](#)

[Air Emissions Inventory Home](#)

[Data and Documentation](#)

[Reports and Summaries](#)

[Air Pollutants Emissions Trends Data](#)

[Air Emissions Reporting Requirement \(AERR\)](#)

[Emissions Inventory System \(EIS\) Gateway](#)

[EIS User's Manual and How To's](#)

[Emissions Inventory System \(EIS\) Bridge Tools](#)

[Training](#)

[Conference](#)

[Emissions Development](#)

EIS Bridge Tools

The Bridge Tools (Facility/Point, Nonpoint/Onroad/Nonroad, and Event) are available to State/Local/Tribal agencies for reporting NEI datasets to the Emissions Inventory System. The bridge tools create XML datasets from Access database templates. Data can also be imported from the XML format into these Access templates.

[CERS v2 Nonpoint / Onroad / Nonroad Bridge Tool December 2021 version \(accdb\)](#)

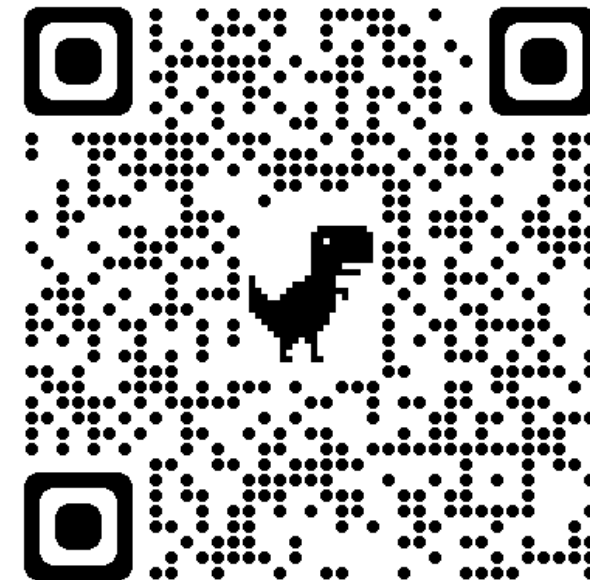
[CERS v2 Event Bridge Tool \(accdb\)](#)

[Facility Point Bridge Tool February 2023 version \(accdb\)](#)

Facility, Point and Control Staging Cheat Sheets are a listing of fields, their descriptions, and their requirements for the staging tables. This does not replace the more detailed CERS Schema document, located in EIS How Tos.

[Facility Staging Requirements \(xlsx\)](#) (66 KB, 8/23/21)

[Point Staging Requirements \(xlsx\)](#) (40.37 KB, 6/21/21)



www.epa.gov/air-emissions-inventories/eis-bridge-tools



Overall SLT Submission Process Steps

1. SLTs collect point source inventory information from their facilities, which will be submitted to EPA via the Emissions Inventory System (EIS).
2. SLTs compile data & submit XML file to EIS via the Environmental Exchange Network | Services Center (enservices.epa.gov)
 - SLTs may begin sending their inventory data to EIS for QA checks any time, this does not change data in EIS:
 - EIS facility inventory QA
 - EIS emissions inventory QA
 - By end of year deadline, the SLT submits their inventory data to EIS, which will apply the same QA checks and update EIS with submitted data:
 1. First, EIS facility inventory Production
 2. Then, EIS emissions inventory Production
3. Corrections and re-submission as needed using EIS feedback reports.

Facility and Point Staging Requirements Spreadsheets

A resource to help identify which data fields are required which are optional, data types and field lengths, and allowable values.

One file for Facility Inventory and another for Point (Emissions).

Facility Table Requirements				
Table/Data Element	Required	Data Type in EIS	Definition	
DocumentHeader				
Author Name	Yes	Character (20)	Your name, not your user ID	
Organization Name	Yes	Character (20)	The name of the organization which you are representing	
Document Title	Yes	Character (3)	Must be "EIS"	
Keywords	No	Character (100)	Words that best describe the payload. Multiple keywords should be separated by commas. This is for transaction categorization and searching.	
Comment	No	Character (400)	Additional comments for processors	
Data Flow Name	Yes	Character (20)	Must be "CERS_v2"	
Property-Submission Type	Yes	Character (20)	Either "QA" or "Production"	
Property-Data Category	Yes	Character (20)	Must be "FacilityInventory" for Facility Inventory submittals.	
Property-NCD Data File	(Yes)	Character (20)	The name of the NCD zipped file which is being attached. Not applicable to Facility Inventory submittals.	
UserIdentifier	Yes	Character (20)	User ID currently valid and recognized by EIS.	
ProgramSystemCode	Yes	Character (20)	The Program System Code for the Agency to whom the user id is a member with write privileges in EIS.	
EmissionsYear	Yes	Integer (4)	The 4 digit year of the submitted emissions - required even for Facility Inventory submittals.	
Model	No	Character (80)	The name of the model or the conversion tool used for generating the emissions data.	
ModelVersion	No	Character (20)	The version of the model or conversion tool.	
EmissionsCreationDate	No	Date (YYYY-MM-DD)	Date that the data being submitted were created, or the date when the model generating the data was	
SubmittalComment	No	Character (400)	Any comments regarding the file submission.	
FacilitySite				
FacilitySiteIdentifier	(Yes)	Character (20)	Information on the facility site, including the facility category code, company name, NAICS code, and operating status.	
FacilitySiteProgramSystemCode	(Yes)	Character (20)	An identifier by which the facility site is referred to by a system. Not required IF reporting the EIS Facility Site Identifier.	
			The code that represents the information management system which has responsibility for the data in a	

Your XML File

There are several ways to submit your data to EIS. They all require an XML file in the Consolidated Emissions Reporting Schema (CERS) schema format. Submission can be via:

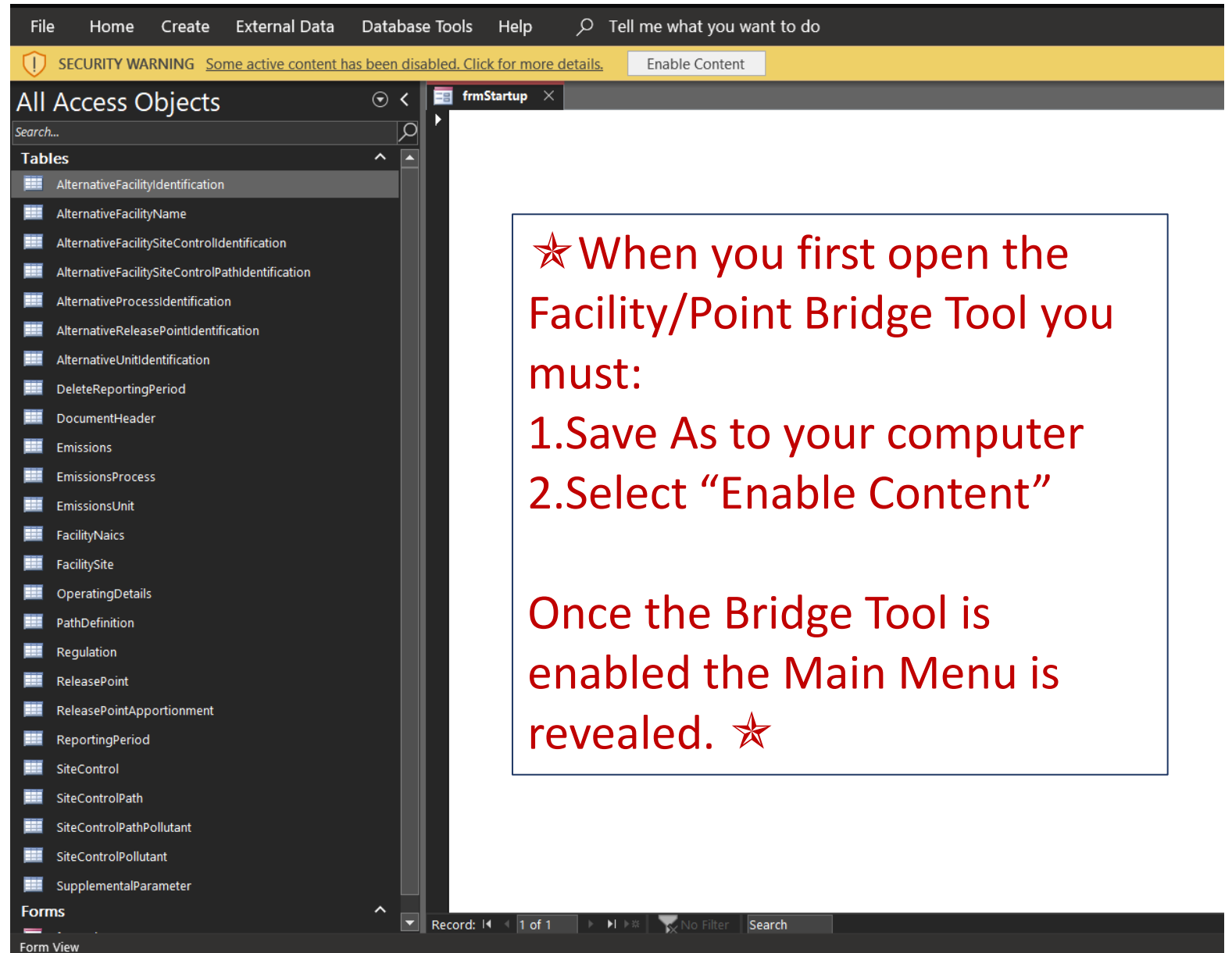
- 1. Node-to-node transfer:** your SLT system server connects with the EPA server, and you export the data directly (e.g. mainframes or desktop software packages)

OR

- 2. EPA's CDX Web Client, export from:**

- a. SLT system** that meets the CERS xml schema format.
- b. The Bridge Tool.** Get your updated data into the EIS Bridge Tool:
 - <https://www.epa.gov/air-emissions-inventories/eis-bridge-tools>
 - Same MSAccess file Bridge Tool used for Facility Inventory and Point Emissions XML creation. But you submit separate Facility Inventory and Point Emissions XML files to CDX

The EIS Bridge Tool



File Home Create External Data Database Tools Help Tell me what you want to do

SECURITY WARNING Some active content has been disabled. Click for more details. Enable Content

All Access Objects

Search...

Tables

- AlternativeFacilityIdentification
- AlternativeFacilityName
- AlternativeFacilitySiteControlIdentification
- AlternativeFacilitySiteControlPathIdentification
- AlternativeProcessIdentification
- AlternativeReleasePointIdentification
- AlternativeUnitIdentification
- DeleteReportingPeriod
- DocumentHeader
- Emissions
- EmissionsProcess
- EmissionsUnit
- FacilityNaics
- FacilitySite
- OperatingDetails
- PathDefinition
- Regulation
- ReleasePoint
- ReleasePointApportionment
- ReportingPeriod
- SiteControl
- SiteControlPath
- SiteControlPathPollutant
- SiteControlPollutant
- SupplementalParameter

Forms

Record: 1 of 1 No Filter Search

Form View

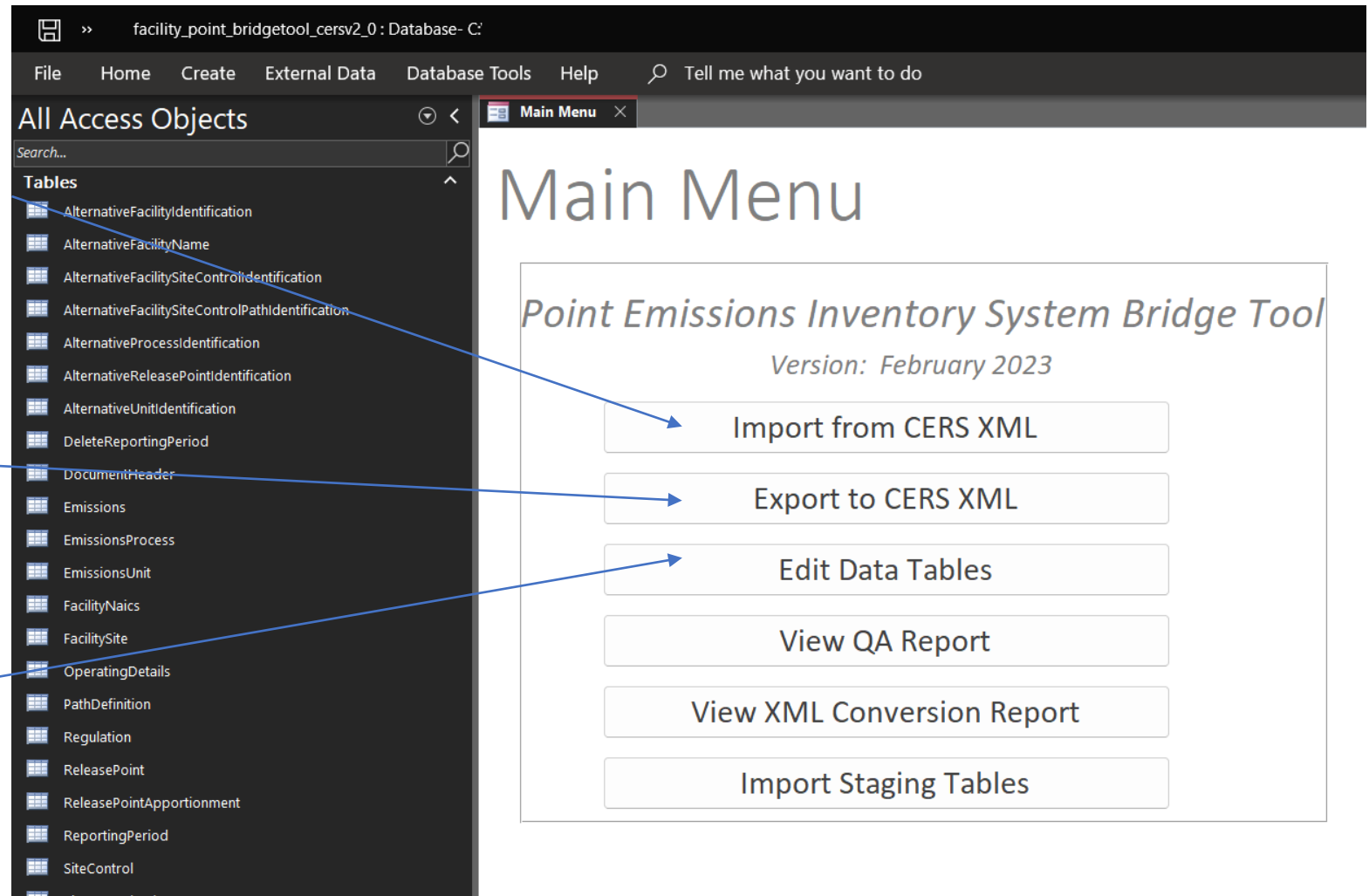
★ When you first open the Facility/Point Bridge Tool you must:

1. Save As to your computer
2. Select "Enable Content"

Once the Bridge Tool is enabled the Main Menu is revealed. ★

Bridge Tool Main Menu Functions

- **Import from CERS XML** allows you to import the facility or point emissions snapshot from EIS. The snapshot is the only report in EIS which is downloaded in CERS XML format.
- **Export to CERS XML** allows you to export the facility or point records in the Bridge Tool staging tables into a CERS XML file for submission to the EPA Web Client.
- **Edit Data Staging Tables** allows you to Add or Edit a particular staging table. You can also just open the tables from the left-hand side of the tool.



facility_point_bridgetool_cersv2_0 : Database- C:

File Home Create External Data Database Tools Help Tell me what you want to do

All Access Objects

Search...

Tables

AlternativeFacilityIdentification

AlternativeFacilityName

AlternativeFacilitySiteControlIdentification

AlternativeFacilitySiteControlPathIdentification

AlternativeProcessIdentification

AlternativeReleasePointIdentification

AlternativeUnitIdentification

DeleteReportingPeriod

DocumentHeader

Emissions

EmissionsProcess

EmissionsUnit

FacilityNaics

FacilitySite

OperatingDetails

PathDefinition

Regulation

ReleasePoint

ReleasePointApportionment

ReportingPeriod

SiteControl

Main Menu

Point Emissions Inventory System Bridge Tool

Version: February 2023

Import from CERS XML

Export to CERS XML

Edit Data Tables

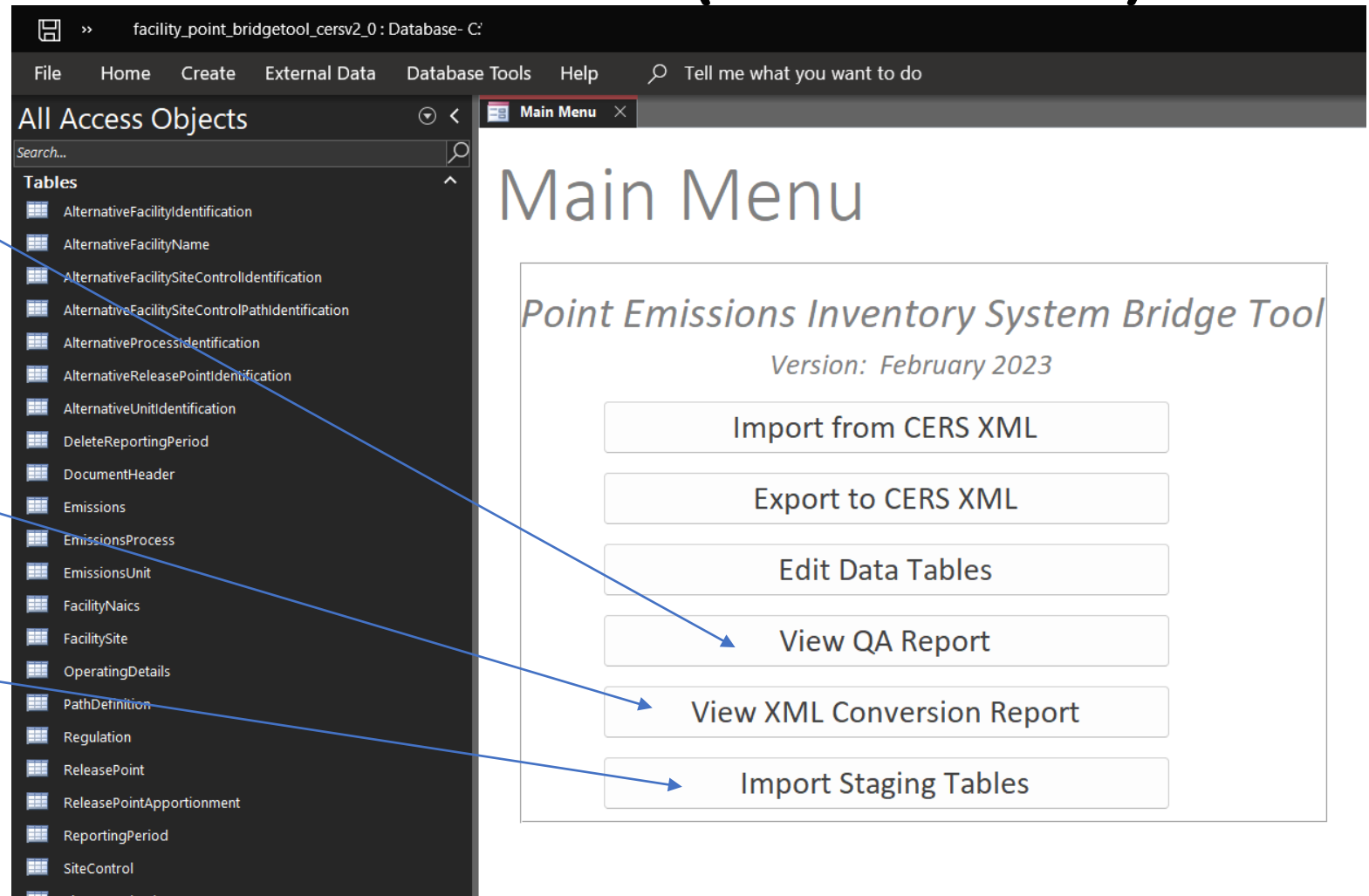
View QA Report

View XML Conversion Report

Import Staging Tables

Bridge Tool Main Menu Functions (continued)

- **View QA Report** allows you to view a report which is created through export function and identifies any errors encountered. This report has links which brings you directly to the record in question. (*Not EIS QA checks*)
- **View XML conversion report** tells you the number of records converted for each XML data component.
- **Import Staging Tables** allows you to import staging tables from another Bridge Tool file into your current file.



facility_point_bridgetool_cersv2_0 : Database- C:

File Home Create External Data Database Tools Help Tell me what you want to do

All Access Objects

Search...

Tables

- AlternativeFacilityIdentification
- AlternativeFacilityName
- AlternativeFacilitySiteControlIdentification
- AlternativeFacilitySiteControlPathIdentification
- AlternativeProcessIdentification
- AlternativeReleasePointIdentification
- AlternativeUnitIdentification
- DeleteReportingPeriod
- DocumentHeader
- Emissions
- EmissionsProcess
- EmissionsUnit
- FacilityNaics
- FacilitySite
- OperatingDetails
- PathDefinition
- Regulation
- ReleasePoint
- ReleasePointApportionment
- ReportingPeriod
- SiteControl

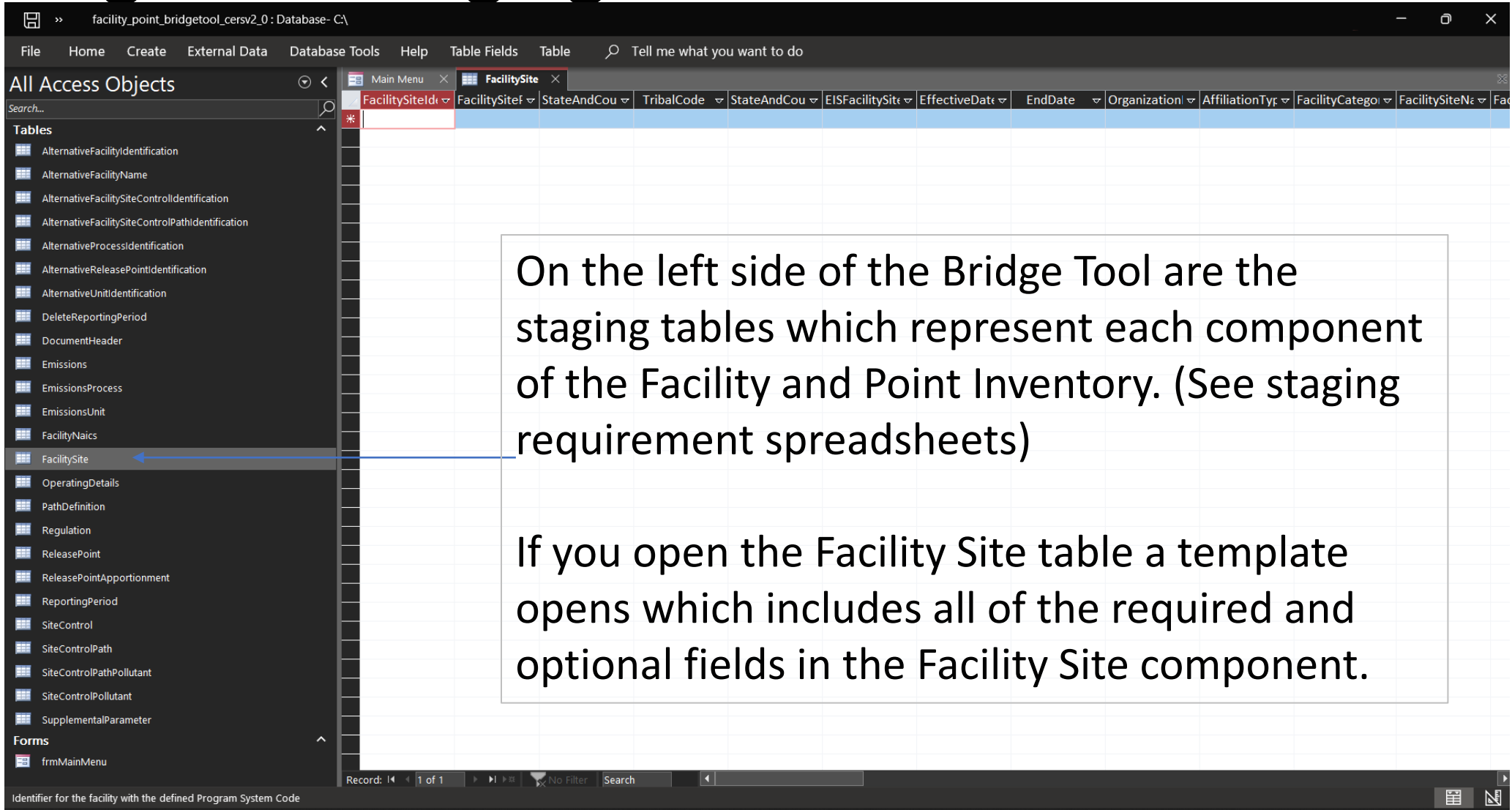
Main Menu

Point Emissions Inventory System Bridge Tool

Version: February 2023

- Import from CERS XML
- Export to CERS XML
- Edit Data Tables
- View QA Report
- View XML Conversion Report
- Import Staging Tables

Bridge Tool Staging Tables



On the left side of the Bridge Tool are the staging tables which represent each component of the Facility and Point Inventory. (See staging requirement spreadsheets)

If you open the Facility Site table a template opens which includes all of the required and optional fields in the Facility Site component.

FacilitySiteId	FacilitySiteF	StateAndCou	TribalCode	StateAndCou	EISFacilitySite	EffectiveDate	EndDate	Organization	AffiliationTyp	FacilityCatego	FacilitySiteNe	Fac
*												

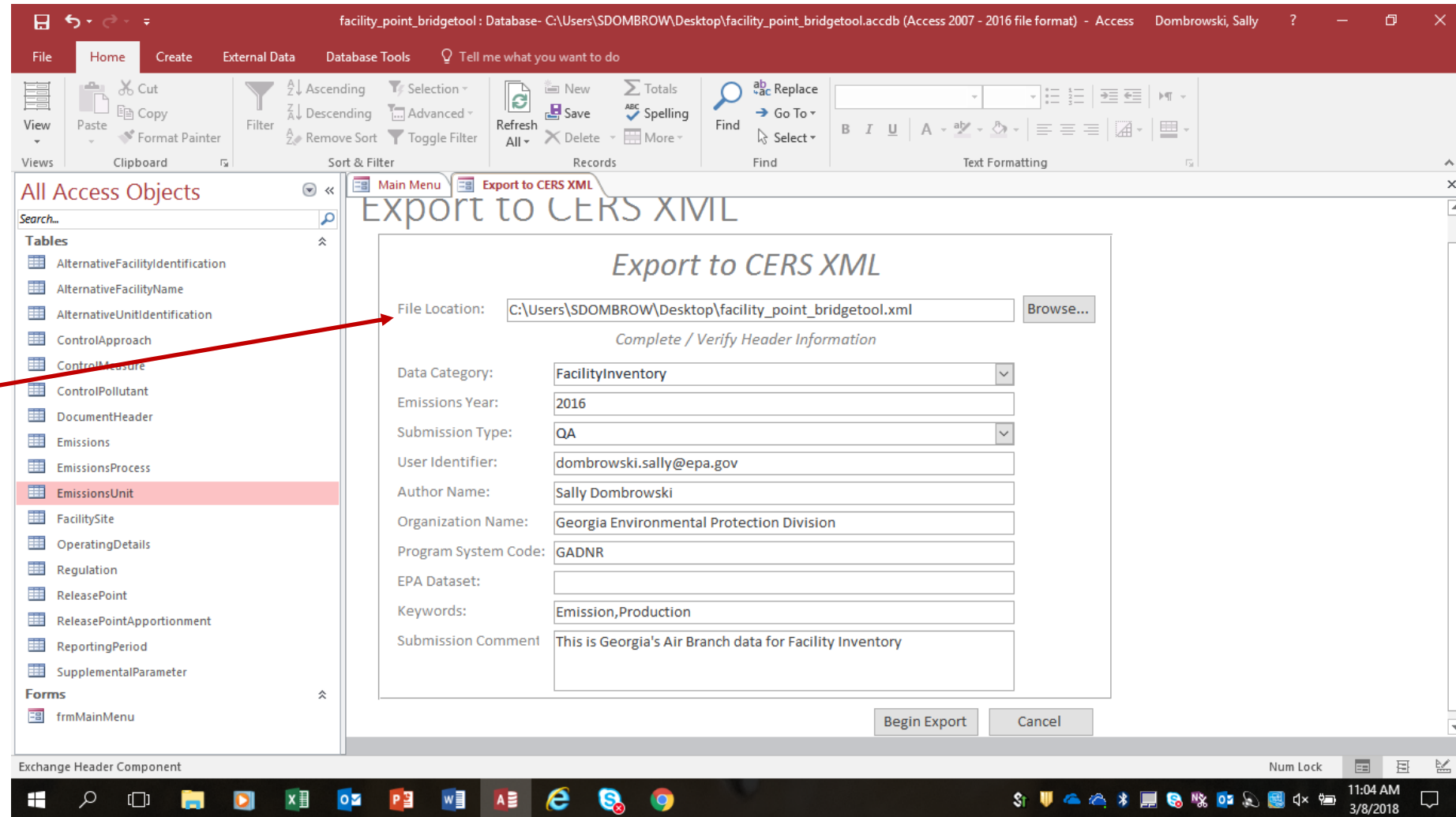
Export to CERS XML

The screenshot shows the Microsoft Access interface for a database named 'facility_point_bridgetool'. The ribbon includes 'File', 'Home', 'Create', 'External Data', and 'Database Tools'. The 'Home' ribbon is active, showing options for 'View', 'Clipboard', 'Sort & Filter', 'Records', 'Find', and 'Text Formatting'. On the left, the 'All Access Objects' pane shows a list of tables and forms, with 'OperatingDetails' selected. The main window displays the 'Main Menu' form, titled 'Point Emissions Inventory System Bridge Tool' with a version date of 'November 9, 2017'. The form contains several buttons: 'Import from CERS XML', 'Export to CERS XML', 'Edit Data Tables', 'View QA Report', 'View XML Conversion Report', and 'Import Staging Tables'. The 'Export to CERS XML' button is circled in red, and a red arrow points from it to a text box on the right. The Windows taskbar at the bottom shows the time as 10:55 AM on 3/8/2018.

After your staging tables are complete, convert your files into XML format for submission to EIS. Select Export to CERS XML.

File Location

The File Location is where your XML file will be saved. This defaults to the directory that you have saved your Bridge Tool in. You can change this if you would want to save it elsewhere.



facility_point_bridgetool : Database- C:\Users\SDOMBROW\Desktop\facility_point_bridgetool.accdb (Access 2007 - 2016 file format) - Access Dombrowski, Sally

File Home Create External Data Database Tools Tell me what you want to do

View Paste Copy Cut Filter Sort & Filter Records Find Text Formatting

All Access Objects

Search...

Tables

- AlternativeFacilityIdentification
- AlternativeFacilityName
- AlternativeUnitIdentification
- ControlApproach
- ControlFeature
- ControlPollutant
- DocumentHeader
- Emissions
- EmissionsProcess
- EmissionsUnit
- FacilitySite
- OperatingDetails
- Regulation
- ReleasePoint
- ReleasePointApportionment
- ReportingPeriod
- SupplementalParameter

Forms

- frmMainMenu

Export to CERS XML

Export to CERS XML

File Location: C:\Users\SDOMBROW\Desktop\facility_point_bridgetool.xml Browse...

Complete / Verify Header Information

Data Category: FacilityInventory

Emissions Year: 2016

Submission Type: QA

User Identifier: dombrowski.sally@epa.gov

Author Name: Sally Dombrowski

Organization Name: Georgia Environmental Protection Division

Program System Code: GADNR

EPA Dataset:

Keywords: Emission, Production

Submission Comment: This is Georgia's Air Branch data for Facility Inventory

Begin Export Cancel

Exchange Header Component

Num Lock

11:04 AM
3/8/2018

Information to Provide for Export

Export to CERS XML

Export to CERS XML

File Location:

Complete / Verify Header Information

Data Category:

Emissions Year:

Submission Type:

User Identifier:

Author Name:

Organization Name:

Program System Code:

EPA Dataset:

Keywords:

Submission Comment:

Data Category – This is a drop down with a selection for Facility and Point.

Emission Year – The inventory year for the data being submitted

Submission Type – This is a drop down with a selection for QA and Production

User Identifier – Your login, usually your email address

Author Name – Your name

Organization Name – Your agency

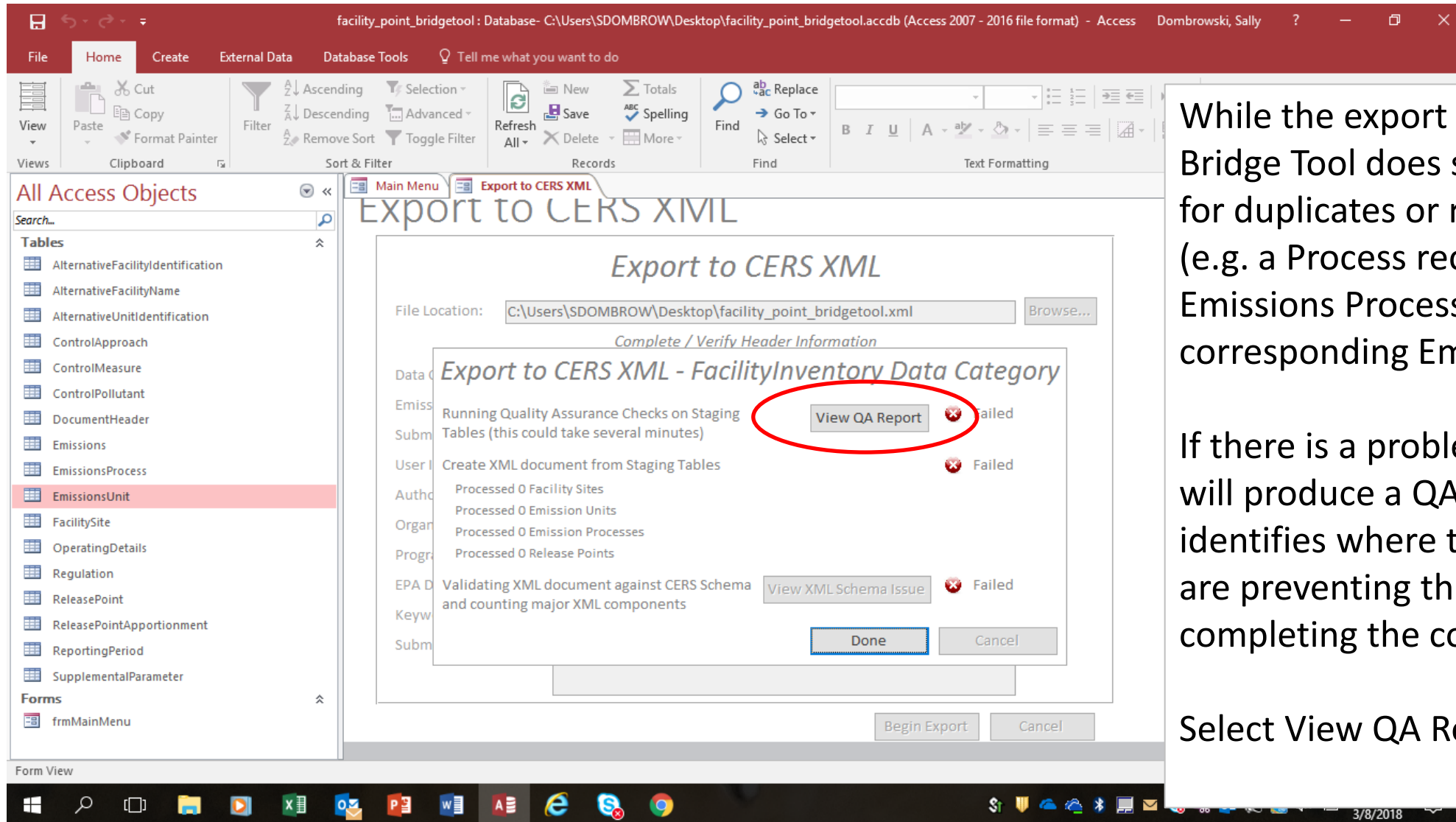
Program System Code – This is a code which has been established in EIS and represents your agency.

EPA Dataset – For EPA use only

Keywords – Optional

Submission Comments – Optional

QA Report before Export



facility_point_bridgetool : Database- C:\Users\SDOMBROW\Desktop\facility_point_bridgetool.accdb (Access 2007 - 2016 file format) - Access Dombrowski, Sally

File Home Create External Data Database Tools Tell me what you want to do

View Paste Copy Format Painter Filter Sort & Filter Records Find Text Formatting

All Access Objects

Tables

- AlternativeFacilityIdentification
- AlternativeFacilityName
- AlternativeUnitIdentification
- ControlApproach
- ControlMeasure
- ControlPollutant
- DocumentHeader
- Emissions
- EmissionsProcess
- EmissionsUnit**
- FacilitySite
- OperatingDetails
- Regulation
- ReleasePoint
- ReleasePointApportionment
- ReportingPeriod
- SupplementalParameter

Forms

- frmMainMenu

Export to CERS XML

File Location: C:\Users\SDOMBROW\Desktop\facility_point_bridgetool.xml

Complete / Verify Header Information

Export to CERS XML - FacilityInventory Data Category

Running Quality Assurance Checks on Staging Tables (this could take several minutes)	View QA Report	Failed
Create XML document from Staging Tables		Failed
Validating XML document against CERS Schema and counting major XML components	View XML Schema Issue	Failed

Done Cancel

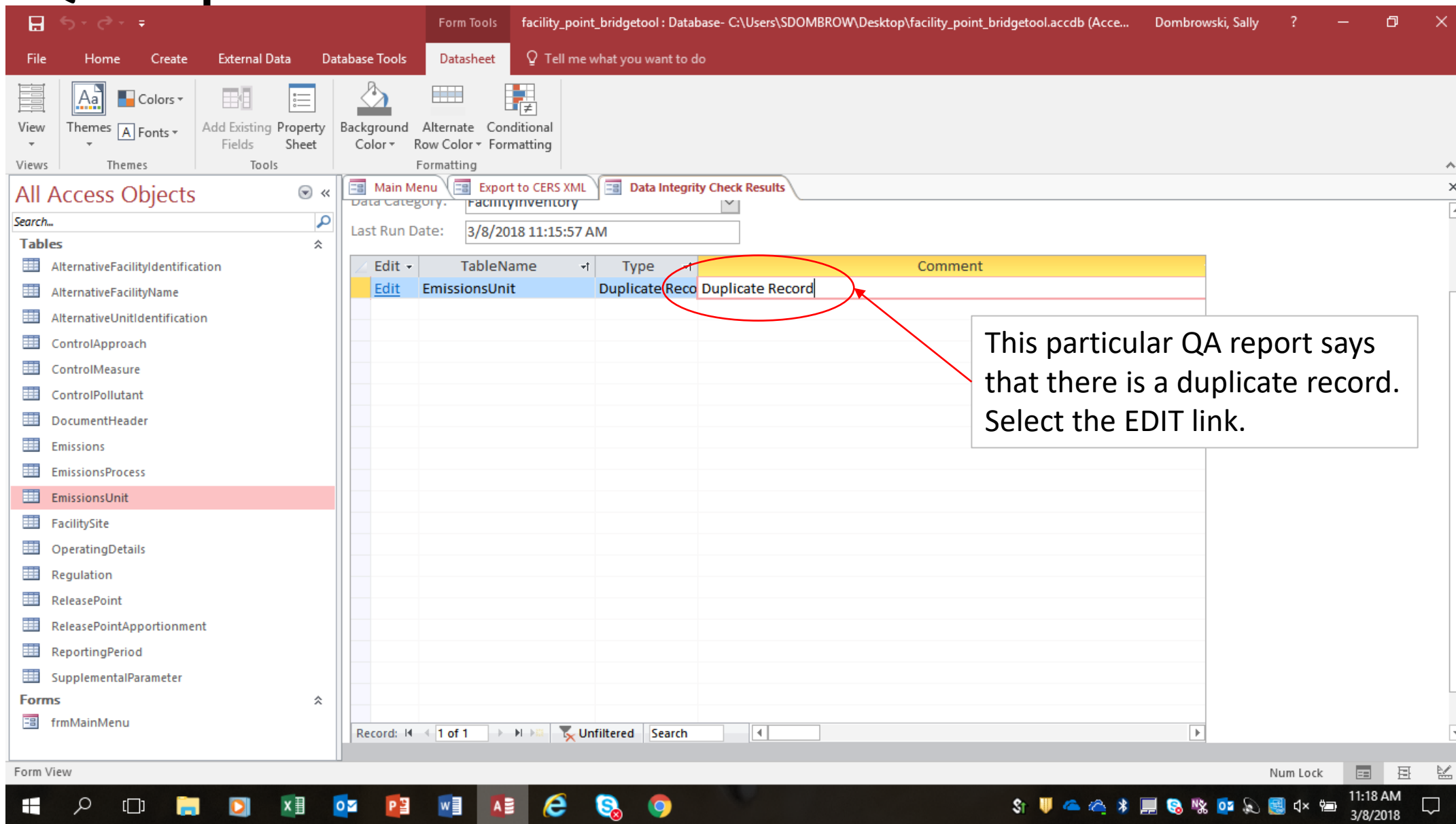
Begin Export Cancel

While the export is being done, the Bridge Tool does some very basic QA for duplicates or referential integrity (e.g. a Process record in the Emissions Process table but no corresponding Emissions Unit.)

If there is a problem, the Bridge Tool will produce a QA Report which identifies where the issues are that are preventing the file from completing the conversion.

Select View QA Report

QA report



Form Tools facility_point_bridgetool : Database- C:\Users\SDOMBROW\Desktop\facility_point_bridgetool.accdb (Acce... Dombrowski, Sally ? -

File Home Create External Data Database Tools Datasheet Tell me what you want to do

View Themes Colors Add Existing Property Sheet Background Alternate Conditional Color Row Color Formatting Views Themes Tools Formatting

All Access Objects

Search...

Tables

- AlternativeFacilityIdentification
- AlternativeFacilityName
- AlternativeUnitIdentification
- ControlApproach
- ControlMeasure
- ControlPollutant
- DocumentHeader
- Emissions
- EmissionsProcess
- EmissionsUnit**
- FacilitySite
- OperatingDetails
- Regulation
- ReleasePoint
- ReleasePointApportionment
- ReportingPeriod
- SupplementalParameter

Forms

- frmMainMenu

Main Menu Export to CERS XML Data Integrity Check Results

Data Category: FacilityInventory

Last Run Date: 3/8/2018 11:15:57 AM

Edit	TableName	Type	Comment
Edit	EmissionsUnit	Duplicate Reco	Duplicate Record

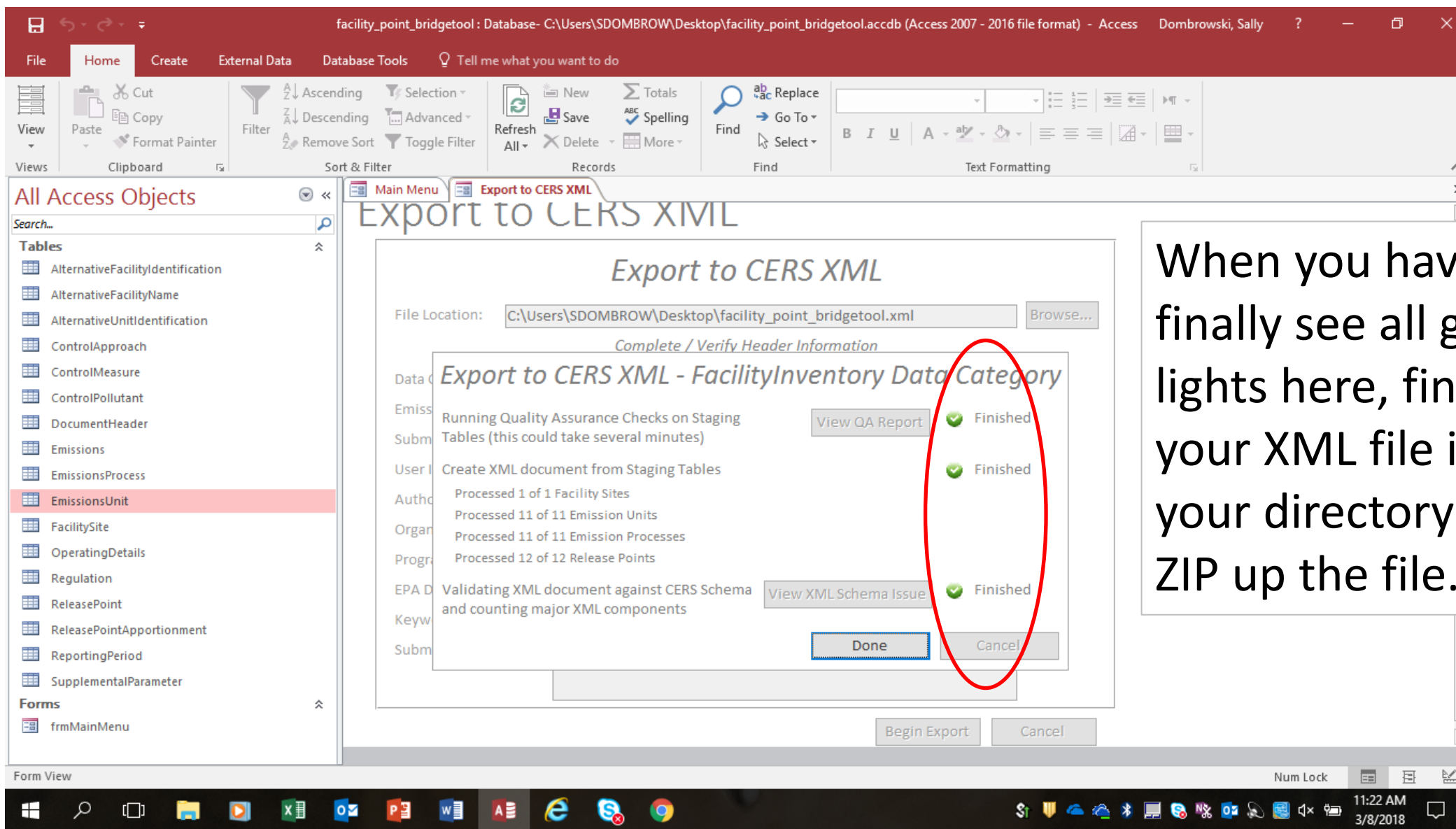
Record: 1 of 1 Unfiltered Search

Form View

Num Lock 11:18 AM 3/8/2018

This particular QA report says that there is a duplicate record. Select the EDIT link.

Getting a Finished QA Report



facility_point_bridgetool : Database- C:\Users\SDOMBROW\Desktop\facility_point_bridgetool.accdb (Access 2007 - 2016 file format) - Access Dombrowski, Sally

File Home Create External Data Database Tools Tell me what you want to do

View Home

Clipboard Sort & Filter Records Find Text Formatting

All Access Objects

Search...

Tables

- AlternativeFacilityIdentification
- AlternativeFacilityName
- AlternativeUnitIdentification
- ControlApproach
- ControlMeasure
- ControlPollutant
- DocumentHeader
- Emissions
- EmissionsProcess
- EmissionsUnit**
- FacilitySite
- OperatingDetails
- Regulation
- ReleasePoint
- ReleasePointApportionment
- ReportingPeriod
- SupplementalParameter

Forms

- frmMainMenu

Main Menu Export to CERS XML

Export to CERS XML

File Location: C:\Users\SDOMBROW\Desktop\facility_point_bridgetool.xml Browse...

Complete / Verify Header Information

Export to CERS XML - FacilityInventory Data Category

Running Quality Assurance Checks on Staging Tables (this could take several minutes)	View QA Report	✓ Finished
Create XML document from Staging Tables		✓ Finished
Validating XML document against CERS Schema and counting major XML components	View XML Schema Issue	✓ Finished

Done Cancel

Begin Export Cancel

Form View

Num Lock

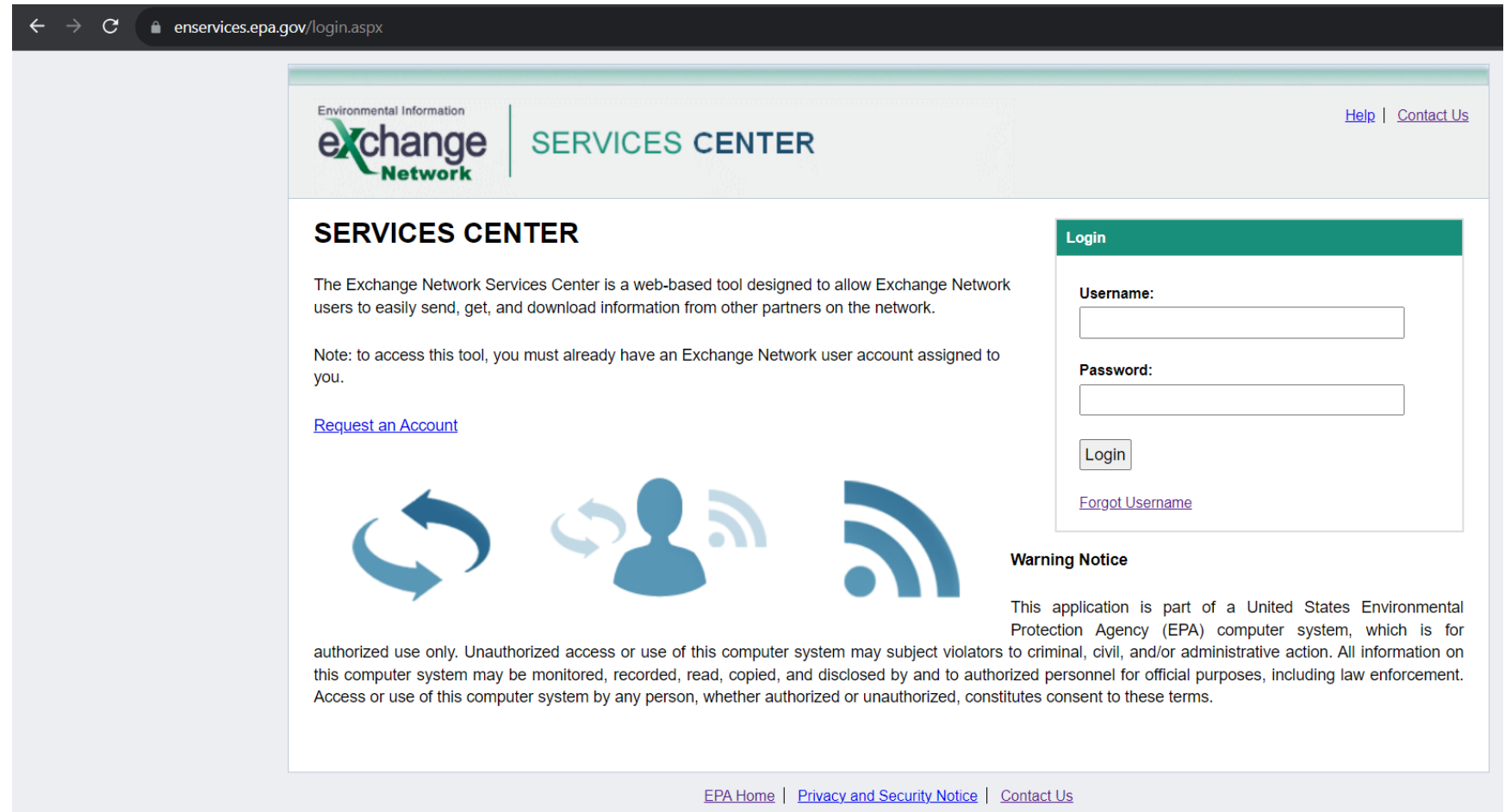
11:22 AM 3/8/2018

When you have finally see all green lights here, find your XML file in your directory and ZIP up the file.

Getting to the Submission Site

From a browser window, go to <https://enservices.epa.gov/login.aspx>

Enter the email address you registered in EIS and password

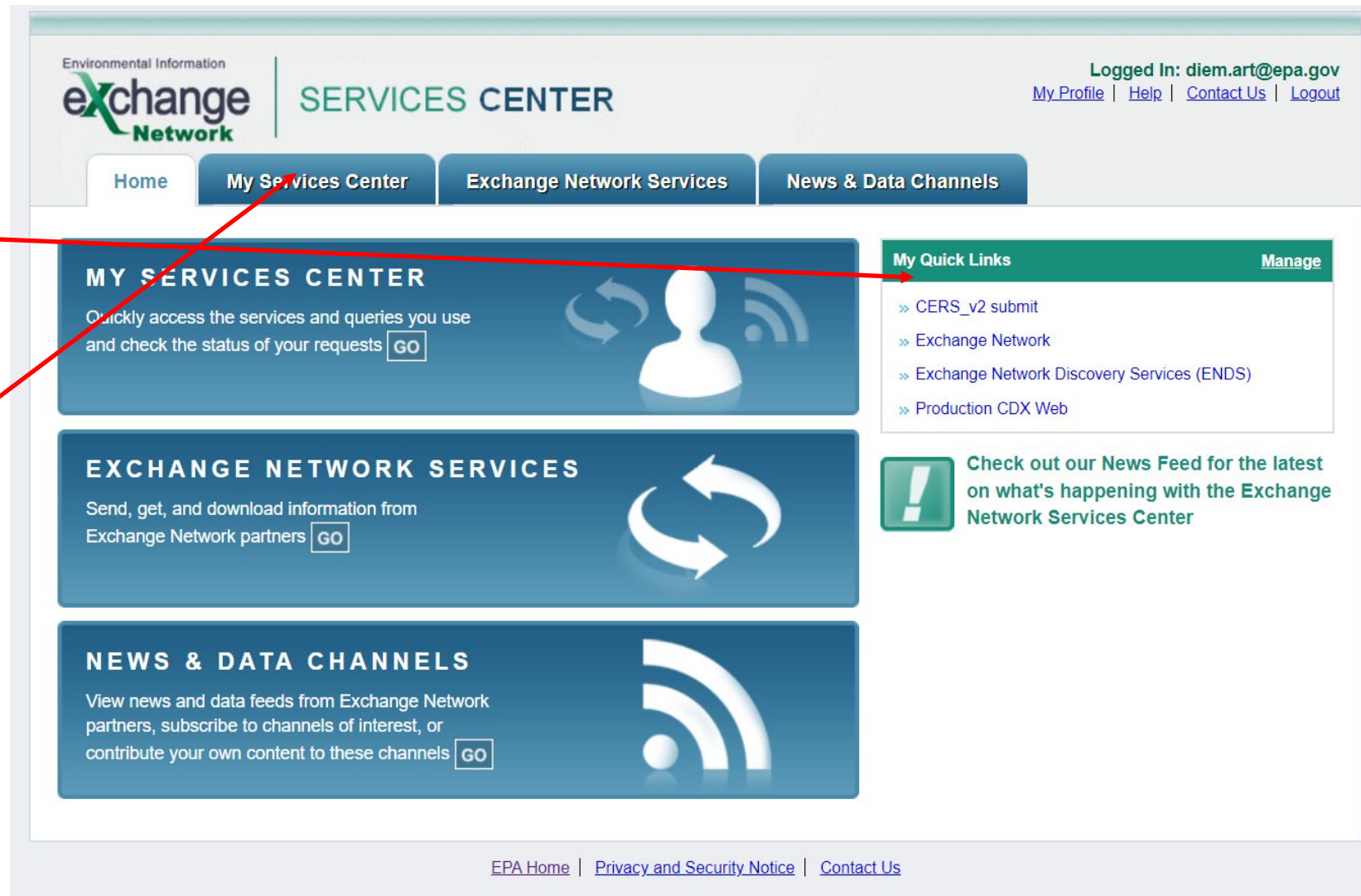


The screenshot shows a web browser window with the address bar displaying `enservices.epa.gov/login.aspx`. The page header includes the "Environmental Information Exchange Network" logo and "SERVICES CENTER" with links for "Help" and "Contact Us". The main content area is titled "SERVICES CENTER" and contains a description of the tool, a note about account requirements, and a "Request an Account" link. A "Login" form is located on the right, featuring fields for "Username" and "Password", a "Login" button, and a "Forgot Username" link. Below the form are three icons: a circular refresh arrow, a person icon with a Wi-Fi signal, and a standard Wi-Fi symbol. A "Warning Notice" section at the bottom provides legal disclaimers. The footer contains links for "EPA Home", "Privacy and Security Notice", and "Contact Us".

EIS Submit

If available, click on
“CERS_v2 submit” in
My Quick Links

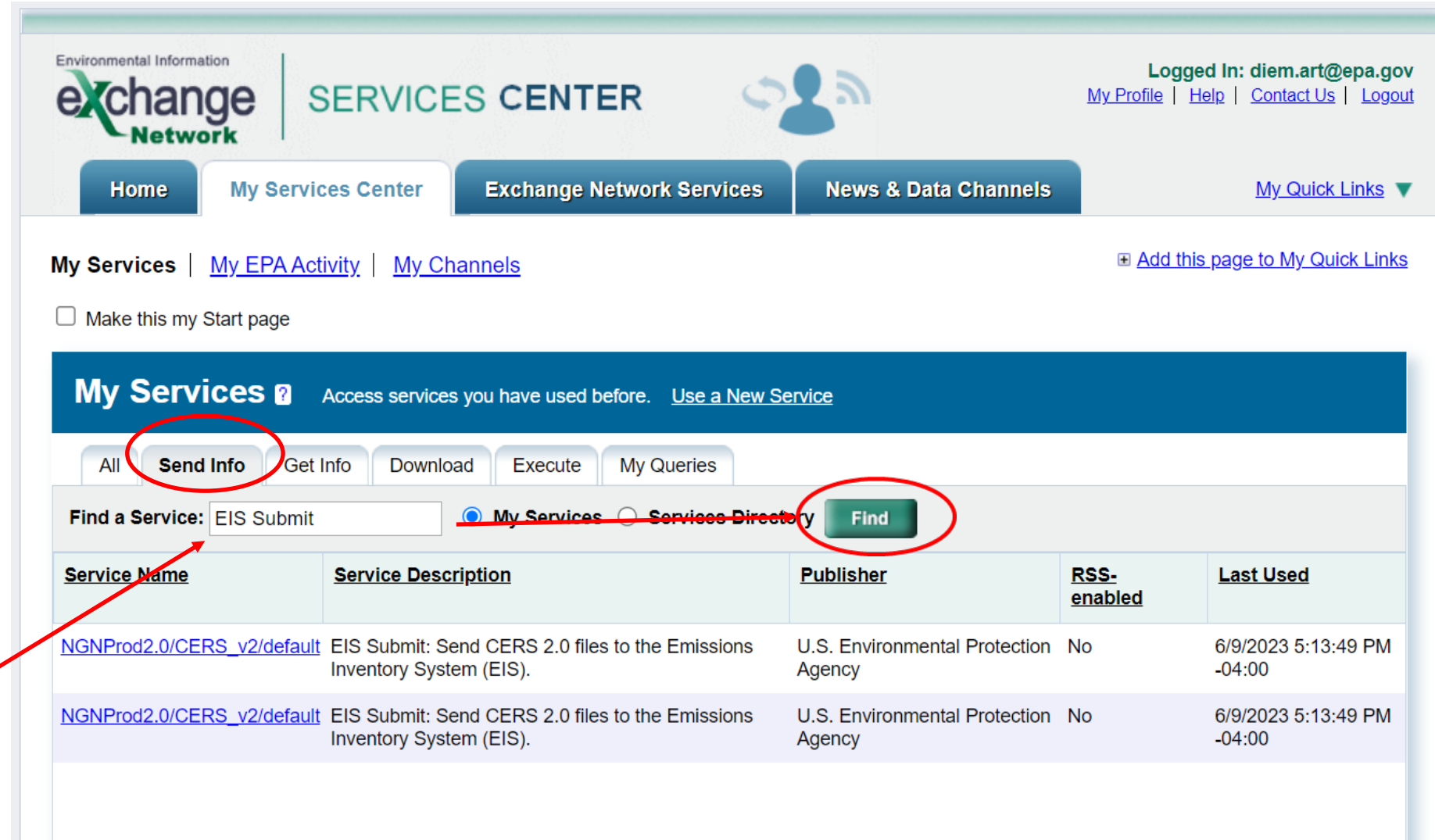
Otherwise, click on My
Services Center Tab



The screenshot shows the EPA Exchange Network Services Center interface. At the top left, it says "Environmental Information" and "exchange Network". The main header is "SERVICES CENTER". On the top right, it shows "Logged In: diem.art@epa.gov" with links for "My Profile", "Help", "Contact Us", and "Logout". Below the header is a navigation bar with tabs: "Home", "My Services Center", "Exchange Network Services", and "News & Data Channels". The "My Services Center" tab is selected. The main content area has three large blue boxes: "MY SERVICES CENTER" (with a person icon and "GO" button), "EXCHANGE NETWORK SERVICES" (with a circular refresh icon and "GO" button), and "NEWS & DATA CHANNELS" (with a RSS icon and "GO" button"). On the right side, there is a "My Quick Links" section with a "Manage" link and a list of links: "CERS_v2 submit", "Exchange Network", "Exchange Network Discovery Services (ENDS)", and "Production CDX Web". Below this is a green box with an exclamation mark icon and the text "Check out our News Feed for the latest on what's happening with the Exchange Network Services Center". At the bottom of the page, there are links for "EPA Home", "Privacy and Security Notice", and "Contact Us".

EIS Submit

- On the Send Info tab: if you don't see a link to *NGNProd2.0/CERS_v2/default* in the Service Name list, then
- Type in "EIS Submit" in Find a Service Box and click on Find button



Environmental Information
exchange Network | SERVICES CENTER

Logged In: diem.art@epa.gov
[My Profile](#) | [Help](#) | [Contact Us](#) | [Logout](#)

Home | My Services Center | Exchange Network Services | News & Data Channels | [My Quick Links](#) ▼

My Services | [My EPA Activity](#) | [My Channels](#) | [Add this page to My Quick Links](#)

Make this my Start page

My Services ⓘ Access services you have used before. [Use a New Service](#)

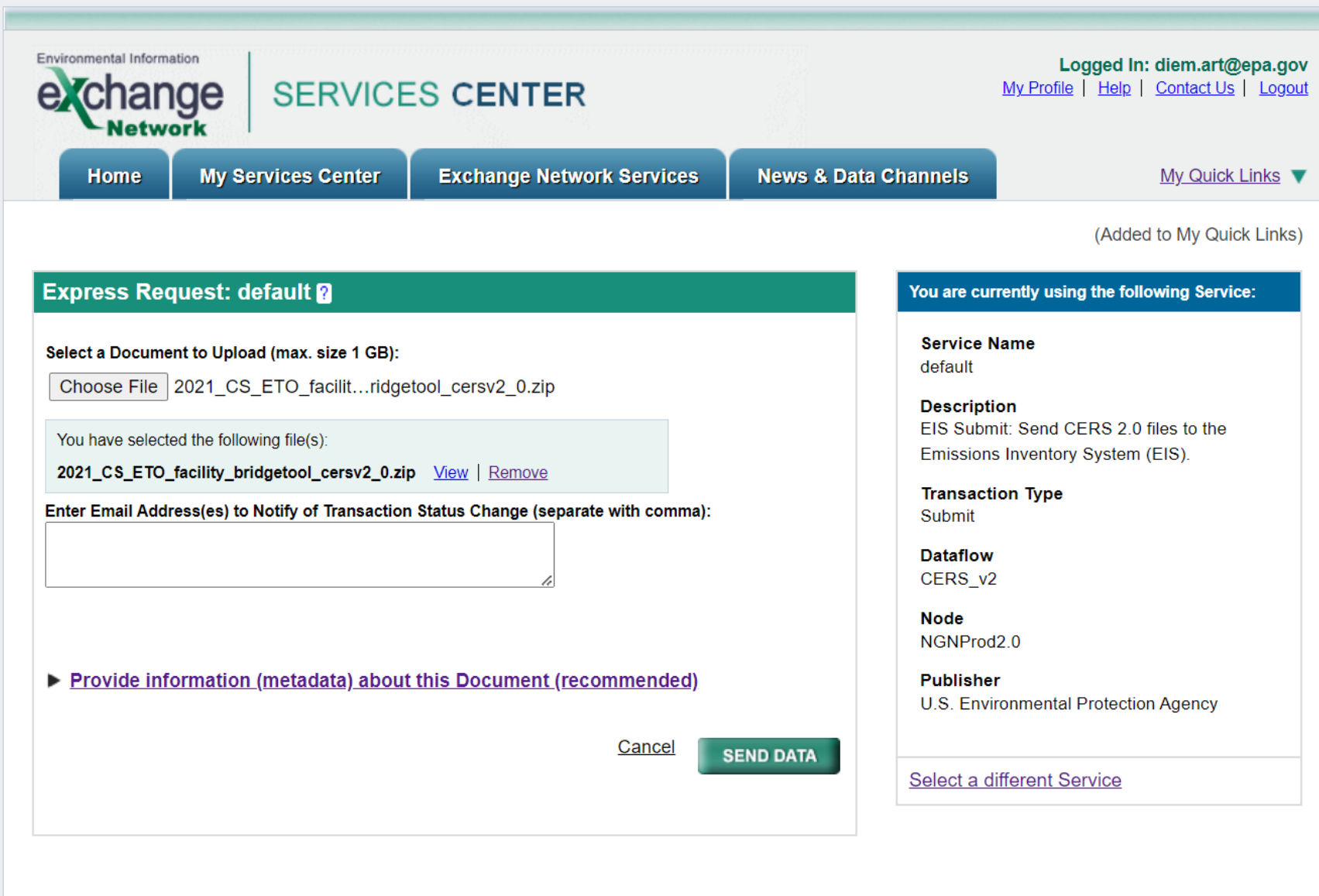
All **Send Info** Get Info Download Execute My Queries

Find a Service: My Services Services Directory **Find**

Service Name	Service Description	Publisher	RSS-enabled	Last Used
NGNProd2.0/CERS_v2/default	EIS Submit: Send CERS 2.0 files to the Emissions Inventory System (EIS).	U.S. Environmental Protection Agency	No	6/9/2023 5:13:49 PM -04:00
NGNProd2.0/CERS_v2/default	EIS Submit: Send CERS 2.0 files to the Emissions Inventory System (EIS).	U.S. Environmental Protection Agency	No	6/9/2023 5:13:49 PM -04:00

Send your zipped up XML file

- Click on “Choose File” and select the zipped up xml file
- Then, click “Send Data”
- No need to add metadata or fill in email addresses.



The screenshot shows the EPA Exchange Network Services Center interface. At the top, there is a navigation bar with the following elements:

- Environmental Information | **exchange Network** | SERVICES CENTER
- Logged In: diem.art@epa.gov
- My Profile | Help | Contact Us | Logout
- Home | My Services Center | Exchange Network Services | News & Data Channels
- My Quick Links (dropdown)

The main content area is titled "Express Request: default" and contains the following sections:

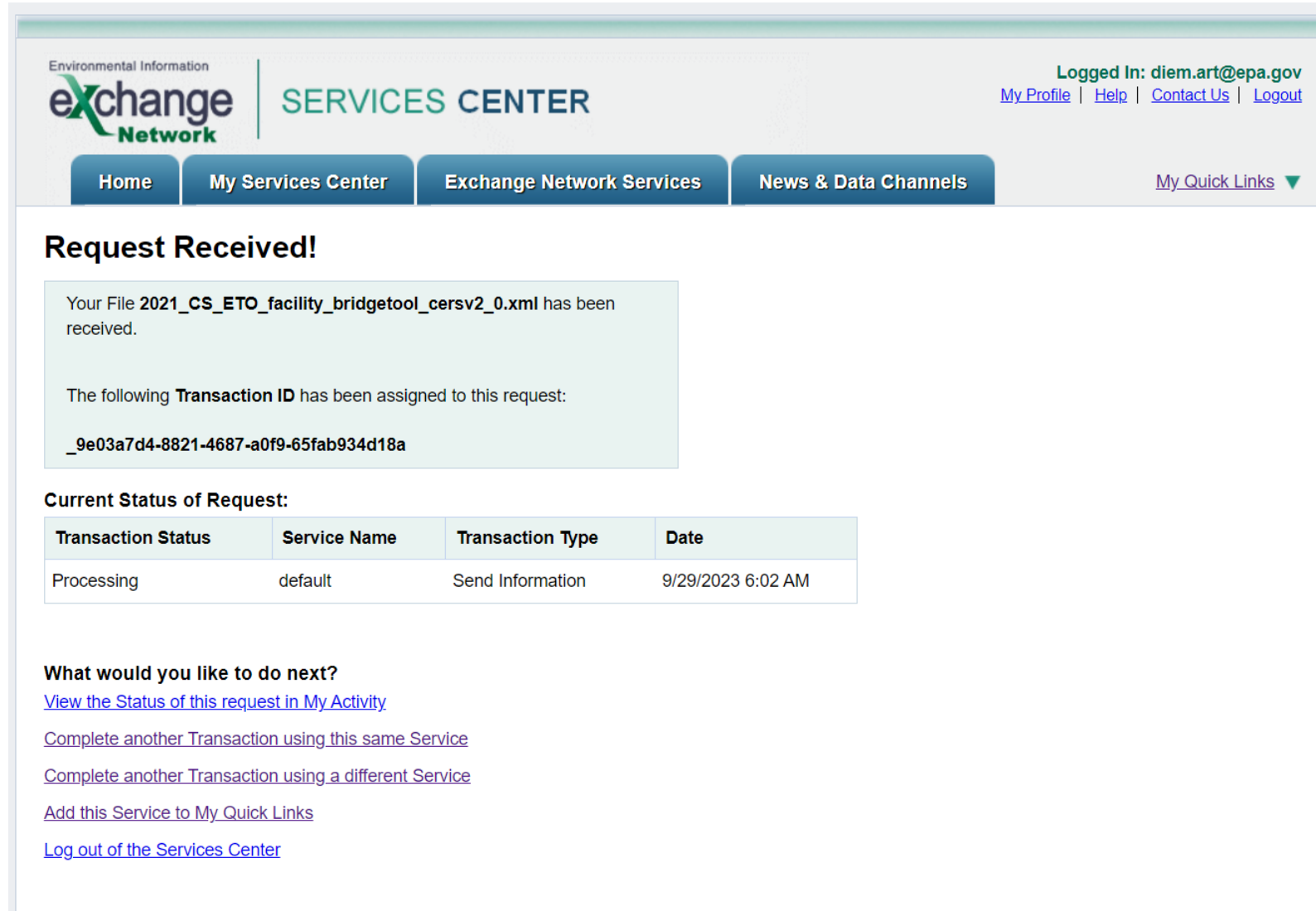
- Select a Document to Upload (max. size 1 GB):**
 - Choose File | 2021_CS_ETO_facilit...ridgetool_cersv2_0.zip
 - You have selected the following file(s):
 - 2021_CS_ETO_facility_bridgetool_cersv2_0.zip [View](#) | [Remove](#)
- Enter Email Address(es) to Notify of Transaction Status Change (separate with comma):**
 - [Empty text input field]
- [Provide information \(metadata\) about this Document \(recommended\)](#)
- [Cancel](#) | **SEND DATA**

On the right side, there is a sidebar titled "You are currently using the following Service:" with the following details:

- Service Name:** default
- Description:** EIS Submit: Send CERS 2.0 files to the Emissions Inventory System (EIS).
- Transaction Type:** Submit
- Dataflow:** CERS_v2
- Node:** NGNProd2.0
- Publisher:** U.S. Environmental Protection Agency
- [Select a different Service](#)

Confirmation Page

- Click on “View the Status of this request in My Activity



The screenshot shows the EPA Exchange Network Services Center interface. At the top, it displays the EPA logo and the text "Environmental Information" and "Exchange Network SERVICES CENTER". The user is logged in as "diem.art@epa.gov". The navigation menu includes "Home", "My Services Center", "Exchange Network Services", and "News & Data Channels". The main content area features a "Request Received!" notification stating that a file named "2021_CS_ETO_facility_bridgetool_cersv2_0.xml" has been received and that a transaction ID has been assigned: "_9e03a7d4-8821-4687-a0f9-65fab934d18a". Below this, a table shows the "Current Status of Request:" with columns for Transaction Status, Service Name, Transaction Type, and Date. The status is "Processing" for the "default" service, with a transaction type of "Send Information" and a date of "9/29/2023 6:02 AM". At the bottom, there are several action links: "View the Status of this request in My Activity", "Complete another Transaction using this same Service", "Complete another Transaction using a different Service", "Add this Service to My Quick Links", and "Log out of the Services Center".

Environmental Information
Exchange Network | SERVICES CENTER

Logged In: diem.art@epa.gov
[My Profile](#) | [Help](#) | [Contact Us](#) | [Logout](#)

[Home](#) | [My Services Center](#) | [Exchange Network Services](#) | [News & Data Channels](#) | [My Quick Links](#) ▼

Request Received!

Your File **2021_CS_ETO_facility_bridgetool_cersv2_0.xml** has been received.

The following **Transaction ID** has been assigned to this request:

_9e03a7d4-8821-4687-a0f9-65fab934d18a

Current Status of Request:

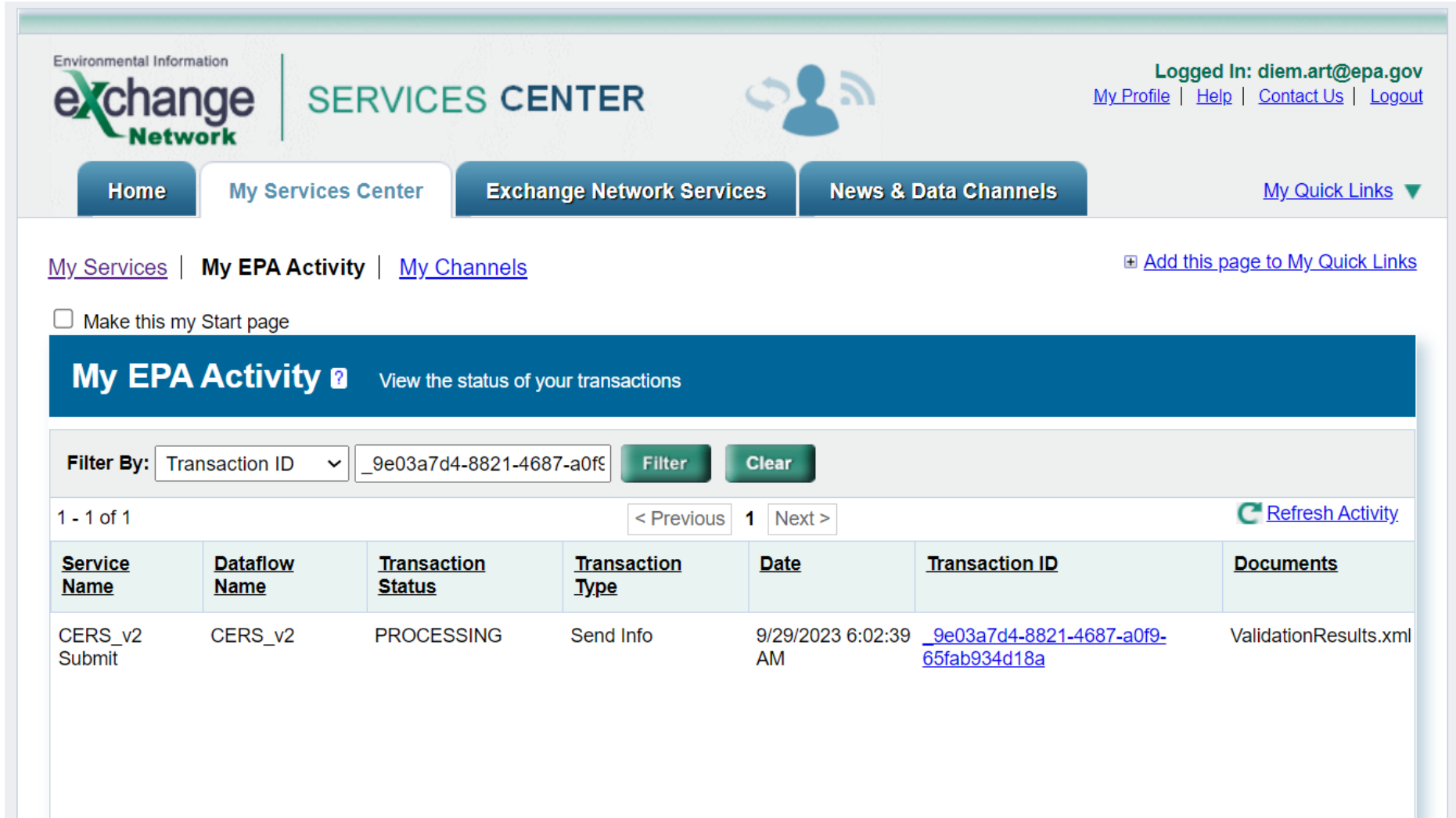
Transaction Status	Service Name	Transaction Type	Date
Processing	default	Send Information	9/29/2023 6:02 AM

What would you like to do next?

- [View the Status of this request in My Activity](#)
- [Complete another Transaction using this same Service](#)
- [Complete another Transaction using a different Service](#)
- [Add this Service to My Quick Links](#)
- [Log out of the Services Center](#)

See email from noreply@epa.gov

- After webpage confirmation, wait for email from noreply@epa.gov subject: “EIS ... submission notification”



Environmental Information
exchange Network | **SERVICES CENTER**

Logged In: diem.art@epa.gov
[My Profile](#) | [Help](#) | [Contact Us](#) | [Logout](#)

Home | My Services Center | Exchange Network Services | News & Data Channels | [My Quick Links](#) ▼

[My Services](#) | [My EPA Activity](#) | [My Channels](#) | [Add this page to My Quick Links](#)

Make this my Start page

My EPA Activity ⓘ View the status of your transactions

Filter By: Transaction ID ▼ [Filter](#) [Clear](#)

1 - 1 of 1 | [< Previous](#) | 1 | [Next >](#) | [Refresh Activity](#)

Service Name	Dataflow Name	Transaction Status	Transaction Type	Date	Transaction ID	Documents
CERS_v2 Submit	CERS_v2	PROCESSING	Send Info	9/29/2023 6:02:39 AM	_9e03a7d4-8821-4687-a0f9-65fab934d18a	ValidationResults.xml

View EIS Feedback Report

- Either click link in email if “COMPLETED” or
- Log in to EIS
 - Reports
 - Feedback Reports
- Download your report and view in Excel (ignore warning about file format and extension not matching)

Agency Organization Detail

CURRENT AGENCY





Agency Description: EIS
Agency Type: System
ETL Process Group: 4

Agency Responsibilities | Agency Members | Program System Codes | Allow Access | Feedback Reports | Nonpoint Survey

SUBMISSION HISTORY

Show entries

N/A tracking # Search status

king #	Status	Submitter	Data Category
 -d2e2-48e1-8bd3-a98d109f7565	COMPLETED	Art Diem	Point
 -03af-458a-a8d5-e66367f759ef	COMPLETED	Art Diem	Point
 l-f039-4363-bb7a-2a4a787add41	COMPLETED	Art Diem	Point
 l-be16-40f5-93f2-c67e308e05d1	COMPLETED	Art Diem	Facility Inventory
l-debe-467f-9e39-4801aa4e0e17	PURGED	Art Diem	Point

The Submittal Feedback Report

- Feedback Report can be opened in Excel – Please look at all tabs
 - Summary, Statistics, System Errors, Critical Errors, Protected Errors, Warnings
- Are the number of facilities same as you thought?
- Compare the Added and Updates counts in Statistics tab versus your staging tables
 - Be wary of too many adds – you are mostly updating existing EIS facilities
- *All critical errors should be addressed prior to your Point submission*
 - *If release point coordinates are correct but result in Critical Error 595 (outside of tolerance of locked facility coordinates), please contact Ryan.Ron@epa.gov to assist.*
- Check and resolve any potential duplicates
- ★ Best Practice: Review and optionally correct warning messages ★
- ★ Can't report emissions if shutdown status during inventory year ★

Feedback Report Statistics

<u>Component</u>	<u>Added</u>	<u>Updated</u>
Facility Site	1	32
Facility Identification	1	32
Alternative Facility Name	0	0
Emissions Unit	72	2106
Control Approach	0	0
Alternative Unit ID	72	2106
Emissions Process	115	3576
Release Point	2605	983

Potential Duplicate Facilities Gateway Page

EIS Gateway

Beth Hatter, North Carolina Department of Environment and Natural Resources; Authenticated Role, S/L/T User Role

VIEW/ADD/EDIT

- » Facility Inventory and Point Emissions
- » **Potential Duplicate Facilities**
- » Nonpoint/ Onroad/ Nonroad Emissions
- » Event Emissions
- » NCD Activity Data
- » CDB Activity Data

REPORTS

- » Request Reports
- » Report Downloads
- » Large File Download
- » Feedback Reports
- » Nonpoint Survey
- » Agency Submission History Report

REFERENCE DATA

- » Reporting Code Tables

Potential Duplicate Facilities

Show 10 entries Search:

Agency Identifier	State	County	Facility Name	Company Name	NAICS Code	Zip Code	Latitude	Longitude	Merge Requested
3702700101(NCDAQ)	NC	Caldwell	Thomasville Furniture Industries Inc - Lenoir Plt	Na	337122	28645	35.88299	-81.5294	no

Showing 1 to 1 of 1 entries First Previous 1 Next Last

Download Results: [CSV](#)

Duplicate Pairs Display

VIEW/ADD/EDIT

- » Facility Inventory and Point Emissions
- » Potential Duplicate Facilities
- » Nonpoint/ Onroad/ Nonroad Emissions
- » Event Emissions
- » NCD Activity Data
- » CDB Activity Data

REPORTS

- » Request Reports
- » Report Downloads
- » Large File Download
- » Feedback Reports
- » Nonpoint Survey
- » Agency Submission History Report

REFERENCE DATA

- » Reporting Code Tables
- » Augmentation Profile Information
- » QA Checks
- » Inventory Cycle Management
- » Software and Tools

SUPPORT

- » Administration Console
- » View All Announcements

Potential Duplicate Facility Pair Details

▼ Potential Duplicate Facility Information

	Your Requested Addition	Existing EIS Facility
EIS Facility ID		110111
Agency Identifier	3702700101 (NCDAQ)	3702700027 (NCDAQ)
State and County FIPS Code	37027 (Caldwell, North Carolina)	37027 (Caldwell, North Carolina)
Tribal Code		
State and Country FIPS		
Facility Name	Thomasville Furniture Industries Inc - Lenoir Plt	Thomasville Furniture Industries Inc - Lenoir Plt
Facility Description	Automotive Parts	Wood Furniture
Company Name	Na	Na
NAICS Code	337122	337122
Facility Source Type Code	Dry Cleaner - Petroleum Solvent/laundries	Landfill
Facility Category Code	HAP Major	HAP Major
Operating Status Code	Operating	Operating
Operating Status Year	2008	2008
Physical Address	601 Hibriten Drive Sw	315 Elizabeth Street Nw
Supplemental Address		
Locality	Lenoir	Lenoir
Zip Code	28645	28645
EIS Comment		
Latitude	35.88299	35.93339
Longitude	-81.5294	-81.5408
Last updated from	John J Feminella	John J Feminella
Last updated by agency	EIS	EIS
Last updated on	2017-08-11 01:23 AM	2017-02-17 12:00 AM

- [Request Merge](#)
- [Edit Requested Addition](#)
- [Delete Requested Addition](#)
- [Not a Duplicate - Add as New](#)

Support Request Page

SUPPORT

- » Administration Console
- » View All Announcements
- » View Support Requests
- » Create Support Request
- » EIS User Guide

Create a Support Request

Request Creator: Art Diem

Support Category: -- Select --

Support Request Message:

Submit Undo Cancel

Questions About Point Inventory Submission Process



4. Quality Assurance and Best Practices

EIS has several hundred QA checks that will be run for each of your submissions. The following are some best practices so you may avoid getting critical errors and unintended incomplete submissions.

Best Practices Operating Status Information

- Operating Status and Operating Status Year are not related to the equipment start year of operations, unless the equipment is starting up for the very first time. E.g.:
 - A unit is installed and operates starting in 2021, then the Operating Status is “Operating” and the Operating Status Year is 2021.
 - The unit temporarily shuts down in 2022, then its Operating Status becomes “Temporarily Shutdown”, and the Operating Status Year is now 2022.
 - The unit starts to work again in 2023, so now the Operating Status changes back to “Operating” and Operating Status year is now 2023.
- Only mark a component as “Permanently shutdown” if it will never operate again.
- You do not need to change Operating Status and Status Year every year unless the status actually changed.
- If Operating Status is “Operating” then Operating Status Year is optional.
- Operating Status Year is required for “Permanently Shutdown” and “Temporarily Shutdown” Operating Status Codes
- Facility ONRE ONP
- ☆ If a Facility/Unit/Process/ReleasePoint shuts down in June 2022, then the Operating Status Year ... is **2023**, which means:
 - “As of January 1, 2023, it was shutdown.
 - It did not operate at all in 2023, but it did operate during 2022 (just not the entire year) . ☆

Best Practices Processes

- You may use LB, TON or metric UOMs to submit emissions
 - EIS reports show HAPs in LB and CAPs in TON
- Ensure that the operating status year matches/is consistent with the unit operating status year (a process can't be operating if the unit is shutdown except for landfills, e.g.)
- Throughput material for an SCC should be either an input to the process or an output of the production process (e.g. fuel as input, cans produced as output), material should *not* be an emitted pollutant, as that should be reported as emissions of that pollutant.
 - E.g. if ammonia is a substance used as an input to a chemical process, or as a product of the process, then it is reported as a throughput material. If ammonia are the emissions, those should be reported as emissions.

Best Practices Process SCCs

- Ensure that the throughput material and UOMs you report with a process match that process' SCC description to the degree possible.
E.g.:
 - Do not report Diesel for a SCC that calls for Natural Gas in the description.
 - Do not report Gallons of Coal, only Tons or BTUs of Coal
 - 30190023 (Industrial Processes Chemical Manufacturing Fuel Fired Equipment Flare: Natural Gas) – was used to report throughput Natural Gas, Process Gas, and Ammonia, but for Natural Gas and Ammonia, could have used:
 - 30199998 (Industrial Processes Chemical Manufacturing Other Not Classified Other Not Elsewhere Classified) or
 - 30190099 (Industrial Processes Chemical Manufacturing Fuel Fired Equipment Other Not Elsewhere Classified) or
 - In process fuel use 301999998

More on SCCs

- 301999998 Industrial Processes Chemical Manufacturing Other Not Classified Other Not Elsewhere Classified was used to report several materials including Bituminous Coal, and Process Gas, but for those fuels, should use:
 - 39000289 Industrial Processes In-process Fuel Use Bituminous Coal General (Bituminous) Industrial Processes - NEC and
 - 39000797 Industrial Processes In-process Fuel Use Process Gas General Industrial Processes - NEC
- SCC code for process must still be valid and active (look for a “map-to” code to find a new code in the [SCC search tool](#) which matches the SCCs in EIS).
- Is there an SCC you think should exist but doesn't? Ask us: Godfrey.Janice@epa.gov

Best Practices Identifiers

- Avoid repeating identifiers. These must be unique.
- Do not re-label Agency component IDs unless you are also updating EIS with this information, to avoid creating duplicate components. Do not add a process unless it is indeed a new process.
- E.g.:
 - Unit 101 is relabeled as Unit 1-01. EIS does not substitute the Agency ID with 1-01, instead, it creates a new unit called “1-01”. Unit 101 continues to exist in the facility inventory in EIS for that facility.

To change Agency IDs

In the EIS Gateway:

1. Find the emissions process that you want to change the ID
2. Open the “Alternate Process Identifies” tab
3. Click on the “Add Alternate Identifiers” button
4. Add the new alternate identifier & PSC and save
5. If there is an identifier for the PSC you will get a warning message saying the old one will be closed.

WARNINGS

→ Check 1189: WARNING: Only one active Alternate Emissions Unit Identifier per system code is allowed. The formerly active one has been retired.

In XML submission:

In the XML when reporting a process, you always have to provide a ProcessIdentification Component. In this case you will provide 2:

- a. The EIS ID (which cannot change)
- b. The new alternate ID and PSC that you want the process to be identified by

Best Practices Facility Inventory Submission

- Update your Facility inventory *prior* to submitting your Emissions (point) inventory
 - Submit Facility Inventory QA, check your feedback report and address any EIS critical errors, then re-submit until you get a clear feedback report. Only then should you do your Point (Emissions QA and Inventory) submission.
 - This ensures that:
 - New units, processes, release points, control devices are in EIS before you attempt to submit any emissions data associated with them, or your submission will fail, and EIS will not update.

Facility Identifiers

- Agency Facility IDs must be unique within a county
- Facility names should be unique (see warnings in feedback report)
 - Avoid just company name, especially for companies with multiple facilities



SLT Facility ID	Facility name	Company Name	Location City
0005	Alacarta Power Company	Alacarta Power Company	Wilsonville
0018	Alacarta Power Company	Alacarta Power Company	Smithtown
0002	Alacarta Power Company	Alacarta Power Company	Densgad
0001	Alacarta Power Company	Alacarta Power Company	Knifeland
8073	Alacarta Power Company	Alacarta Power Company	Alvin

Facility Identifiers

- Agency Facility IDs must be unique within a county
- Facility names should be unique (see warnings in feedback report)
 - Avoid just company name, especially for companies with multiple facilities



SLT Facility ID	Facility name	Company Name	Location City
0005	Alacarta Power Company - Cogsworth Plant	Alacarta Power Comp	Wilsonville
0018	Alacarta Power Company - G. Smith Plant	Alacarta Power Comp	Smithtown
0002	Alacarta Power Company -Densgad Generating Station	Alacarta Power Comp	Densgad
0001	Alacarta Power Company - Orange County	Alacarta Power Comp	Knifeland
8073	Alacarta Power Company - Alvin Cogeneration	Alacarta Power Comp	Alvin

Additional Best Practices

- Keep pollutants together in same process, where possible
- Each Process should have a different SCC, where possible
- Emissions Unit should be specific to individual “equipment” where possible
 - Avoid mismatching emissions unit type with process SCCs
 - Boiler Emission Unit with engine SCCs and tank SCCs under it.
 - If the SCC is representative for the process and it doesn’t “make sense” for the associated emission unit type, assign the process to a new or different emissions unit.

Release Point Apportionment can be tricky

- Staging requirements for AveragePercentEmissions
 - Data Type = Decimal (5,2)
 - That means “xxx.x” so smallest increment is tenths of a percent
- QA Check 106 - Average Percent Emissions Range
 - Must be greater than or equal to 1.0, and less than or equal to 100.0.
- QA Check 108 - Complete Release Point Apportionment
 - If the release point apportionment is reported, the total percent emissions apportionment reported from a single process must equal 100%.
- Example, if process emissions are equally apportioned to three release points, can't just round each to a tenth of a percent.
 - ✗ A = 33.3% B =33.3% C=33.3% (doesn't pass QA Check 108, sums to 99.9% <> 100%)
 - ✗ A = 33.334% B =33.333% C=33.333% (doesn't meet DataType requirements)
 - ✓ A = 33.4% B = 33.3% C=33.3%

Use Unit Types as a guide for Emissions Units and Processes used

- ✘ Don't put all those diverse equipment under a single Emissions Unit with 6 processes and 6 diverse SCCs
- Unit ID = A
- Unit Description = Building A
- Unit Type = Boiler

Best Practices Emissions Inventory Submission

- Emissions may only be reported for an existing process. Any new process and all associated data must be sent via the facility inventory submission first, or added via the Gateway.
- Operating Status Years must be consistent for related sub-facility components. If the unit is permanently shut down and the operating status year is equal to or prior to the year you are submitting emissions for, then you cannot submit emissions to it. E.g. if the operating status year is 2011 and the unit marked “PS” then you cannot submit 2011 emissions to it.
- Existing process cannot have a LastEmissionsYear less than the inventory year, e.g. cannot send 2011 emissions to a process that has a process end year of 2010.
- Emissions should not be sent to a process that is PS or TS. Emission Unit and Facility must have “Operating Status”=Operating (not Temporarily or Permanently Shutdown with “Operating Status Year” = inventory year).
- All pollutants for a given process must be reported together. Different facilities or different processes for a single facility should not be sent in separate submittals as each submittal overwrites the last one. E.g. if your first submission for a process was only CAPs and you want to send HAPs later, your second submission must include the previously submitted CAPs and the new HAPs. Submitting only the HAPs in a subsequent submission will overwrite your previous CAP submission.

Best Practices - Process Emissions & Control Devices

Report actual emissions after any controls

- a.k.a controlled emissions.
- Do not report mass of emissions prior to emissions controls (uncontrolled emissions either prior to capture or routed to control devices)
- The NEI intends to reflect *actual* emissions for a specific year, so your emissions should account for the impact of any controls on the unit or process. Since you are required to report controls if they exist, we can always use the information on the controls to generate uncontrolled emissions if we need them.

CAERS will allow facility users to submit pre-controlled emissions and required information about control devices. CAERS will calculate and submit the post-control emissions for the process and all the release point apportionments into EIS.

Data Tagging

- Data is in EIS but it is not used in a selection
- Why do we tag data?
- Might find incorrect data upon QA
 - Example – data reporter mistakenly duplicated a process at a facility or reported emissions for a process that shut down
 - Error in specific pollutant that should not have been reported
- Business rules for HAP aug (remove potential outliers)
- Want to use value from lower dataset in the hierarchy

Other Things to Know

- Your emissions will not be adjusted or changed by EPA. If we see any outlier or problem, we will contact you to change your data. If the data is not changed, it may not be selected in the creation of the NEI. E.g., for the 2008 NEI EPA developed a dataset called overwrite which was selected ahead of SLT data. The SLT data still resides in the EIS but the EPA overwrite dataset value was used ahead of the SLT data for the NEI.
- EIS can support emissions values from multiple sources. This allows you to not only see your submitted value, but also the TRI, PM Aug, or other values EPA may have submitted for the process.
- You may report in units of measure listed in the code table – which includes LB, TON and several metric units. EIS will convert the values to tons and pounds for reporting purposes. EIS will always display the unit of measure “as reported” under the individual process on the Gateway. Modeling files (the ones that are fed to SMOKE for use in eventual AQ modeling) use only tons.

4. Additional Resources

Web Resources

- [National Emissions Inventory Trainings](#)
- [Accessing the Emissions Inventory System](#)
- [2023 National Emissions Inventory Plan](#)
- [Emission Factor Search in WebFIRE](#) and [WebFIRE Webservices](#)
- [Source Classification Code Search](#) and [SCC Update Webservices](#)
- Questions about the NEI and EIS submissions can be sent to:
NEI_help@epa.gov
- Point Sources Contact: [Ron Ryan \(ryan.ron@epa.gov\)](mailto:ryan.ron@epa.gov)



