

National Emissions Inventory Point Sources Training

2025 Emissions Inventory Conference
September 15, 2025

Outline

1. Overview of the National Emissions Inventory
2. Accessing Emissions Inventory System (EIS) and Environmental Information Exchange Network Services Center (ENSC)
3. Overview of Facility and Point Emissions Inventory Elements. Q&A
[5 min **break**]
4. Entering Information into EIS
 - a) Gateway Edits Q&A
 - b) Bridge Tool & XML Submittals Q&A
 - c) QA Checks & Feedback Reports Q&A[5 min **break**]
5. Getting Point Source Information from EIS
6. Best Practices & Additional Resources Q&A
[5 min **break**]

1. NEI Overview

National Emissions Inventory (NEI): Goals & Uses

Obtain high quality air emissions data from State, Local, Tribal Authorities (SLTs) per the Air Emissions Reporting Requirements ([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.

- SLTs are required to submit CO, SOX, NOX, VOC, PM10, PM2.5, NH3, and Lead.
 - Uses criteria pollutant major source potential-to-emit threshold for “point” sources, except Lead, which has a ton/yr actual emissions threshold.
 - SLTs can submit smaller sources voluntarily.
- Other pollutants, such as Hazardous Air Pollutants (HAPs) can also be voluntarily submitted.

NEI Uses

Emissions Modeling/Regulatory platforms

- NAAQS Regulatory Impact Analyses, implementation and designations, State Implementation Plans (SIPs), monitoring rules, regional haze, transport rules
- AirToxScreen, Risk and Technology Reviews (RTR), Hg assessment

Trends

- Global reports and assessments such as United Nations Environment Programme (UNEP), LRTAP, CEC

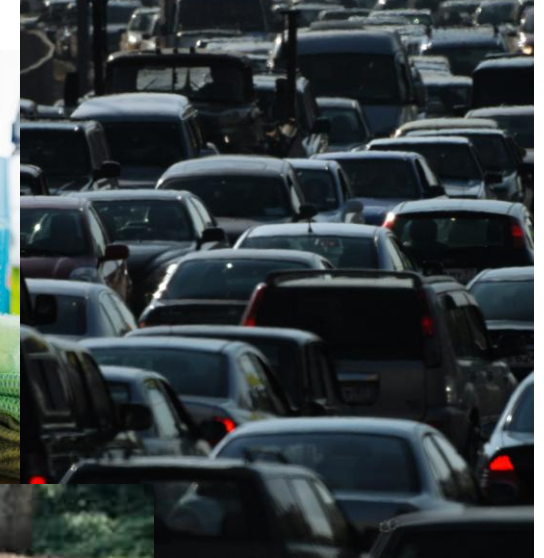
Reports and other parties

- US and Canada Air Quality Reports
- Researchers/grad students, the general public

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
- Fire Emissions (wildfires and prescribed fires): summed to county level



NEI Data Sources

All Data Categories

- 185 SLTs – 85 "active" submitters, mostly to Point

Mobile Sources

- MJO/MOVES, OTAQ, SLTs
- CMV and Rail workgroups, FAA aircraft model (AEDT)

Nonpoint Sources

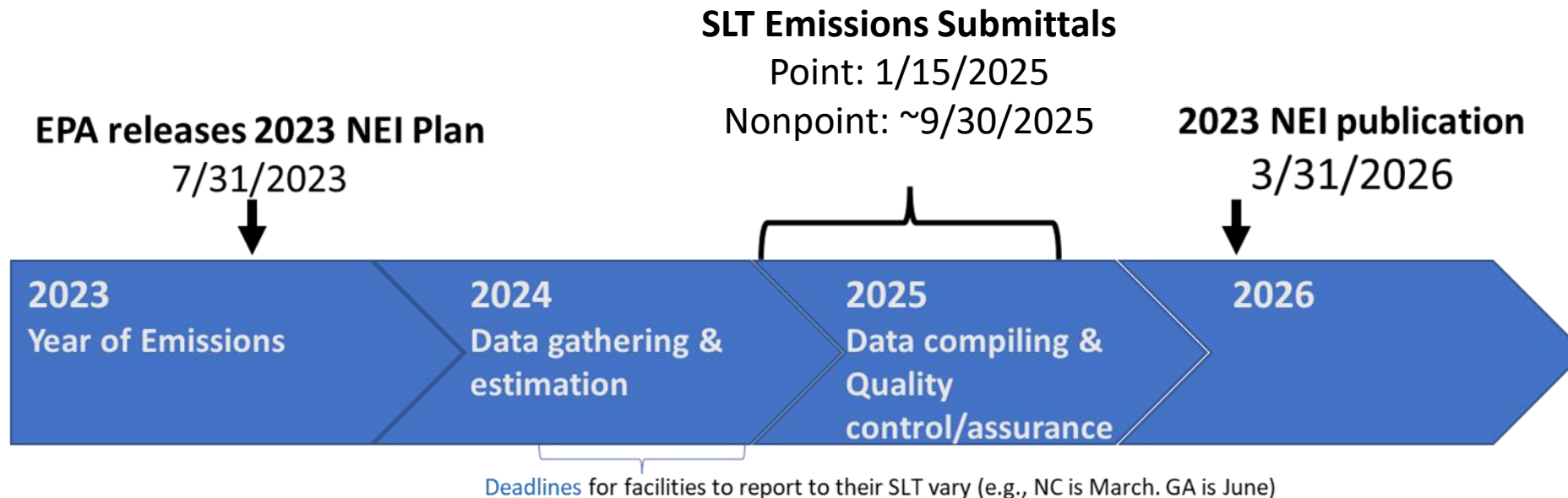
- Nonpoint Method Advisory (NOMAD) committee / EPA tools
- Ag fertilizer via ORD
- Biogenics model

Augmentations

- EPA TRI and GHGRP, Landfill
- CEMS data from CAMD
- BOEM offshore platforms
- EIS HAP and PM Augmentation

Timeline for Triennial NEI Development

- Laid out most recently in [2023 NEI Plan](#) (and used as an example here)
- Deadlines:
 - **The AERR deadline is December 31st, but the EPA provides a 2-week grace period to January 15th of the following year (for example, 2023 point sources were due on January 15, 2025).**
 - Deadlines for EPA estimated sources not in Wagon Wheel (WW) Nonpoint Tool vary, see NEI Plan.
 - SLT submitted Nonpoint Emissions (estimated in WW): 60 days after release of WW w/ final 2023 “defaults” ~August 31, 2025
 - WW Activity inputs (via EIS): 30 days after release of WW w/ final 2023 “defaults” ~September 30, 2025



2024 Point Inventory Timeline

- SLT submittals for 2024 Inventory Year are due Dec 31, 2025
 - Grace period for Point Emissions ends - Jan 15, 2026
 - EPA sends out Point completeness reports - mid-Feb 2026
- All EPA Augmentation datasets by Apr 1, 2026
- SLTs make edits to their data by May 15, 2026
- Draft selection of NEI Point Inventory in EIS for review Jun 15, 2026
- AirToxScreen SLT Point Source Review HAPs end of Summer 2026
- Final NEI Point Inventory in EIS Dec 2026

2. Accessing Emissions Inventory System (EIS) and Environmental Information Exchange Network Services Center (ENSC)

What is the EIS Gateway?

The EIS Gateway, the first component of the Emissions Inventory System (EIS), was developed to provide registered EPA, State, local and Tribal users with access to emissions inventory data. Registered EPA, State, local and Tribal users can access facility inventory and emissions data for sources in their jurisdiction.



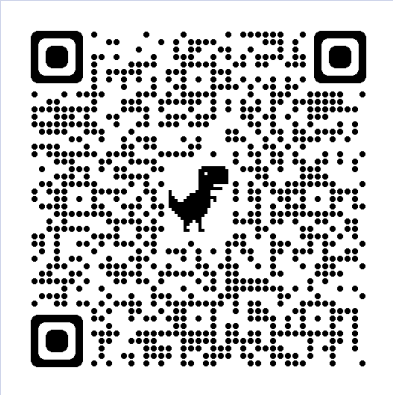
What is the ENSC?

The Exchange Network Services Center (ENSC) is a web-based tool designed to allow Exchange Network users the ability to easily send, get, and download information from other partners on the Exchange Network.

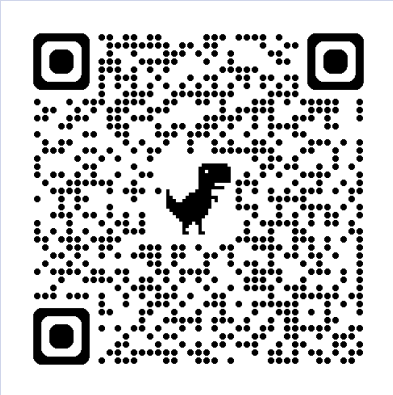
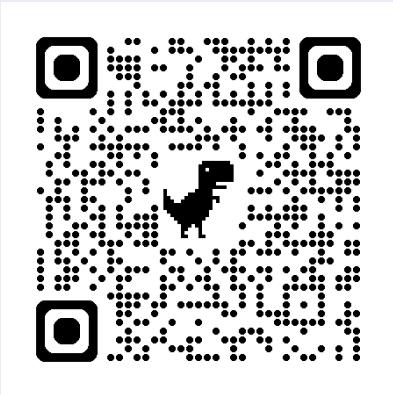
The Exchange Network Services Center utilizes three methods for the exchange of environmental information:

- **Send Info:** Submit documents or information to another system on the Exchange Network.
- **Get Info:** Retrieve information from another system on the Exchange Network. This information is retrieved immediately through query services or requested and then downloaded through solicit services.
- **Download:** Download a document from another system on the Exchange Network with a transaction or document ID.

EIS Resources & Getting Access

Resource	QR Code	Resource	QR Code
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		EIS Gateway https://eis.epa.gov/eis-system-web/welcome.html	
How Do I Request Access to the EIS Gateway? https://www.epa.gov/sites/default/files/2016-04/documents/access.pdf		EIS Users' Guide https://eis.epa.gov/userguide/	

ENSC Resources & Getting Access

Resource	QR Code	Resource	QR Code
How Do I Log On To the Network Exchange Services Center? https://www.epa.gov/sites/default/files/2021-06/documents/exchange_network_services_center.pdf		Environmental Information Exchange Network Services Center (ENSC) https://enservices.epa.gov/login.aspx	
How Do I Request Access to the EIS Gateway? (includes requesting access to ENSC) https://www.epa.gov/sites/default/files/2016-04/documents/access.pdf		EIS Users' Guide - ENSC https://eis.epa.gov/userguide/ETL/ENSC/ExchangeNetworkServiceCenter.html	

3. Overview of Facility and Point Emissions Inventory Elements

An aerial photograph of a large industrial facility, likely a refinery or chemical plant. The foreground and middle ground are filled with complex piping, storage tanks (some large and cylindrical), and various industrial structures. Several smokestacks are visible, with thick white plumes of smoke rising from them. In the background, a city skyline is visible across a body of water, with a bridge spanning the water. The overall scene depicts a large-scale industrial operation in an urban or semi-urban setting.

3a. Facility Inventory Elements

EIS User Guide Links:

<https://eis.epa.gov/userguide/ETL/CERS/FacilityInventory.html>

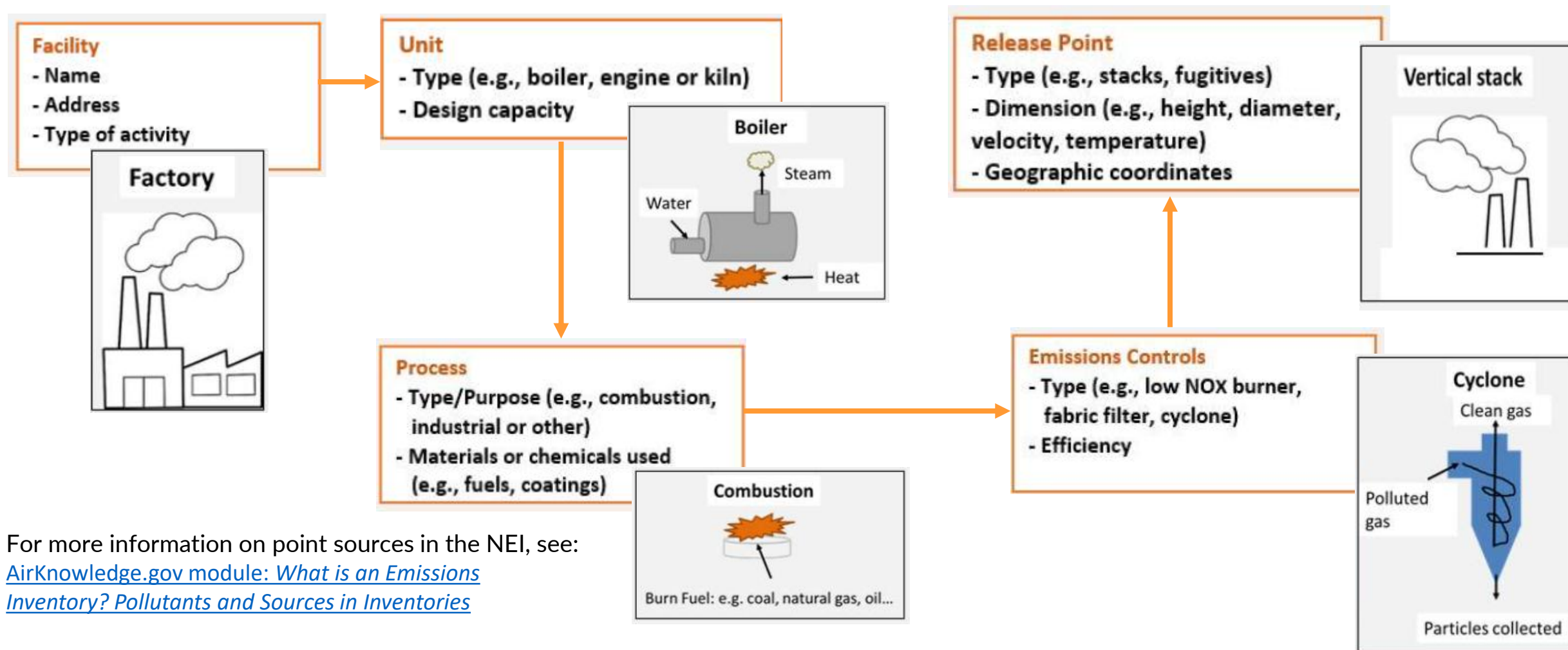
The Facility Inventory

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
- **Emission unit** information
- **Emission process** IDs and attributes (SCC)
- **Release point** parameters and locations
- Control devices
- Control paths

➔ Only changes or additions from year to year need to be in your submission ←

Facility Inventory Concepts



For more information on point sources in the NEI, see:

[AirKnowledge.gov module: What is an Emissions Inventory? Pollutants and Sources in Inventories](#)

Facility Inventory Elements

Facility Site Identifier

- EIS Facility Identifier: A unique identifier which is automatically assigned by the EIS system
- Agency Identifier: Your agency's identifier for the facility. Must be unique for the Program System Code (a.k.a. Responsible Agency) and FIPS code (County or Tribe).
- Alternate Facility Identifier: An agency may use one active Alternate Facility identifier (e.g., old facility ID). If submitting another Alternate Facility ID, the previous active one will become inactive. Also used to store other program identifiers for the same facility (for example TRI Facility ID, CAMD/CAPD Facility ID, etc.)

State and County FIPS or Tribal Code

Facility Name

Facility Description

NAICS (Primary)

Facility Category

Facility Operating Status (with Operating Status Year, if not "Operating")

Facility Address

Facility Coordinates and Horizontal Reference Datum

Emissions Units

Processes

Site Controls*

Site Control Paths*

Release Points

Facility Inventory Details

North American Industry Classification System (NAICS)	• The code that represents a subdivision of an industry that accommodates user needs in the United States.
Facility Operating Status	• OP – Operating • PS – Permanently Shutdown • TS – Temporarily Shutdown • ONP – Operating but S/L/T includes its emissions under NonPoint • ONRE – Operating but S/L/T does Not Report Emissions
Facility Status Year	• Required for all Operating Status listed above, <u>except</u> “OP”
Facility Coordinates	• Latitude and Longitude (in Decimal Degrees) coordinates for the center of the facility
Horizontal Reference Datum	• Coordinate system used to determine facility coordinates • WGS84 – Code 002 • NAD83 - Code 003

Emissions Unit Elements

An emissions unit encompasses one piece or set of like equipment that emits pollutants to the atmosphere having related SCCs and common release point(s) and/or control path(s).

Unit Identifier

- EIS Emissions Unit Identifier: A unique identifier which is automatically assigned by the EIS system
- Agency Identifier: Your agency's identifier for the emissions unit.
- Alternate Unit ID: An agency may use one active Alternate Unit identifier (your Agency's Identifier). If submitting another Alternate Unit ID, the previous active one will become inactive (e.g., old Agency ID).

Emissions Unit Description

Unit Type

Operating Status (with Operating Status Year, if not "Operating")

Design Capacity (if applicable) and Design Capacity UOM

Processes

Applicable Regulations

Emissions Unit Details

Emissions Unit Description	• Text description of the emissions unit
<u>Unit Type</u>	• Identifies the type of emissions unit activity
<u>Unit Operating Status</u>	• OP – Operating • PS – Permanently Shutdown • TS – Temporarily Shutdown
Unit Status Year	• Required for Operating Status “PS” and “TS”
Design Capacity	• The measure of the size of the unit based on the maximum continuous throughput capacity of the unit.
<u>Design Capacity Unit of Measure (UOM)</u>	• Make sure to use an active UOM code!

Process Elements

Operation within the Emissions Unit with an assigned SCC

Important Concept: Emissions are ALWAYS reported at the PROCESS LEVEL. There may be multiple processes at a single Emissions Unit, each with distinct SCCs and descriptions.

Emissions Process Identifier

- EIS Process ID: A unique identifier which is automatically assigned by the EIS system
- Agency Process ID: Your agency's identifier for the process
- Alternate Process Identifier(s): An agency may use one active Alternate Process Identifier (your Agency's Process ID). If submitting another Alternate Process Identifier, the previous active one will become inactive (e.g., old Agency Process ID).

SCC (Source Classification Code)

Aircraft Engine Type

Emissions Process Description

Process Operating Status (with Year, if not "Operating")

Release Point apportionment

- The average annual percent of emissions for an emissions process that are vented through an emissions release point.

Applicable Regulations

Emissions Process Details

<u>SCC</u>	• EPA Source Classification Code that identifies an emissions process
<u>Aircraft Engine Type</u>	• Identifies the combination of aircraft and engine type for airport emissions
<u>Process Operating Status</u>	• OP – Operating • PS – Permanently Shutdown • TS – Temporarily Shutdown
Process Status Year	• Required for Operating Status “PS” and “TS”
Process Description	• A text description of the emissions process.

Release Point Elements

Stack and Fugitive emissions releases at the facility. Each Release point is assigned a Release Point Apportionment at the Process level indicating the average annual percent of emissions at the process that are vented through the release point.

Release Point Identifier

- EIS Release Point ID: A unique identifier which is automatically assigned by the EIS system
- Agency Release Point Identifier: Your agency's identifier for the release point
- Alternate Release Point Identifiers: An agency may use one active Alternate Release Point Identifier (your Agency's Release Point ID). If submitting another Alternate Release Point Identifier, the previous active one will become inactive (e.g., old Agency Release Point ID).

Release Point Description

Release Point Type

Release Point Operating Status (with Year, if not "Operating")

Parameters

- Note: depend on Release Point Type

Release Point Geographic Coordinates

- Note: depend on Release Point Type

Release Point Details

Release
Point
Description

- Text description of release point.

Release
Point Type

- Code that identifies the type of release point. (see next slide)

Release
Point
Operating
Status

- OP – Operating
- PS – Permanently Shutdown
- TS – Temporarily Shutdown

Release
Point Status
Year

- Required for Operating Statuses “PS” and “TS”

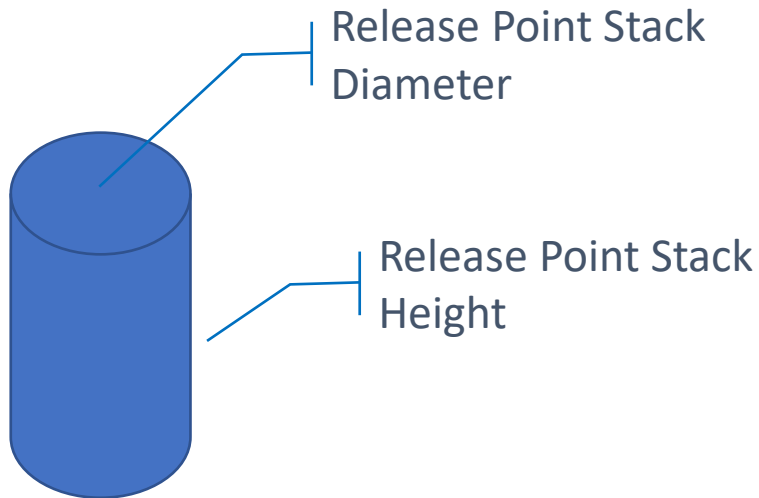
Release Point Types

Stack and Fugitive Release Types and Codes

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

* Low flow vent considered Fugitive for TRI reporting purposes via CAERS

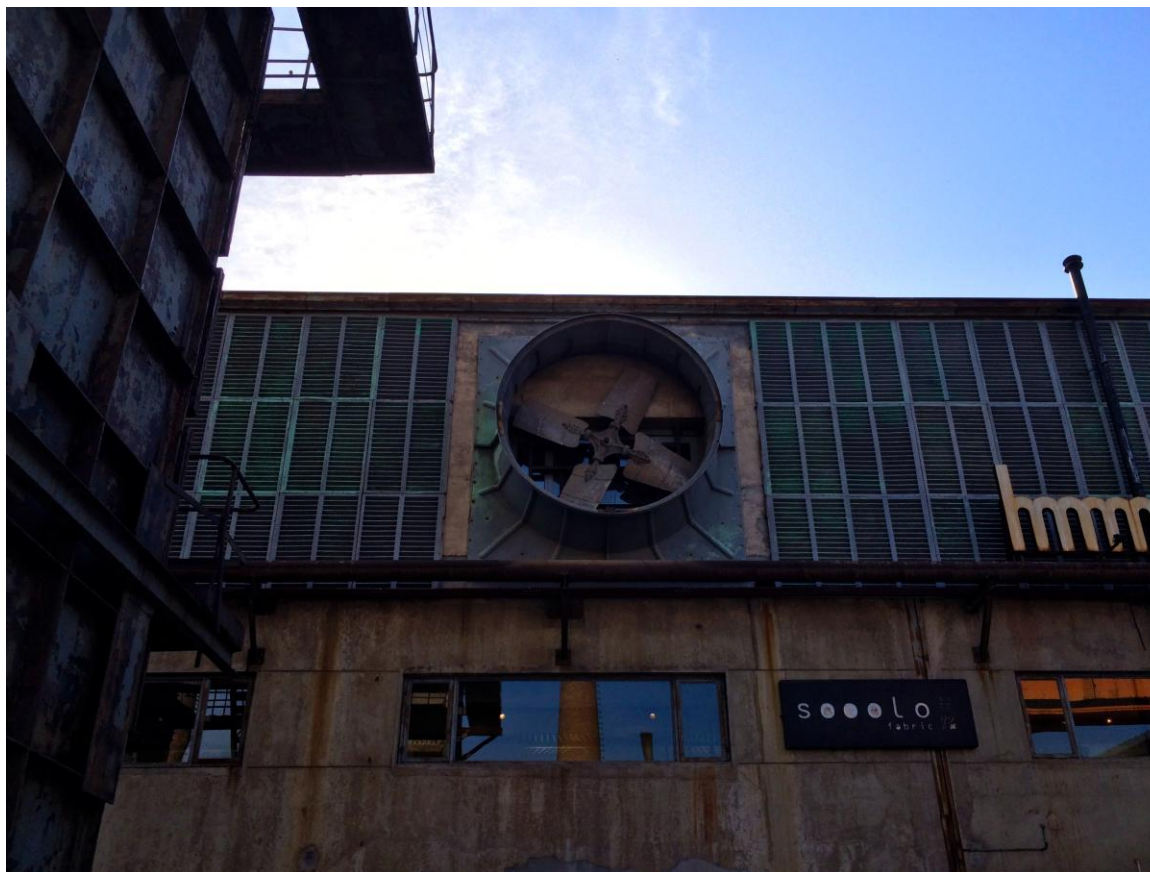
Stack Release Point Types



- Height & Unit of Measure (FT)
- Diameter & Unit of Measure (FT)
- Exit Gas Velocity & Unit of Measure (FPS or FPM) **AND/OR** Exit Gas Flow Rate & Unit of Measure (ACFS or ACFM) or both
 - BE CAREFUL of consistency of Diameter, Velocity, and Flow (QA checks 191, 192).
 - Best practice: submit
 - Diameter, and
 - Either velocity or flow, whichever is more certain.
 - If submitting diameter and flow, if calculated velocity is <0.001 ft/sec or >1500 ft/sec, a critical error will result
 - NOTE: flow is *actual* cubic feet per time, not corrected to “dry standard” volumetric flow and is used by EIS to calculate velocity
- Exit Gas Temperature (in Degrees F)
- Optional : Release Point Lat-Lon Coordinates
 - must be **Decimal Degrees** (*not Degrees Minutes Seconds*)

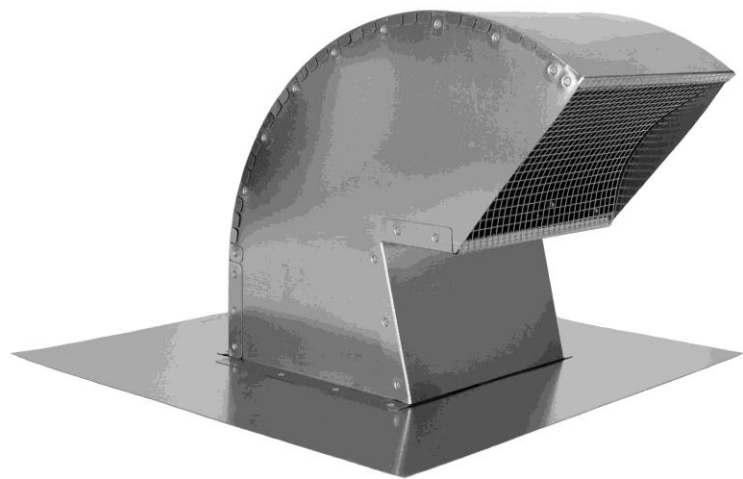
Stack type examples

- Type 3 Horizontal example. Industrial building wall fan.



Stack type examples

- Type 4 Gooseneck. Example rooftop vents



Stack type examples

- Type 5 Vertical with Rain Cap



Stack type examples

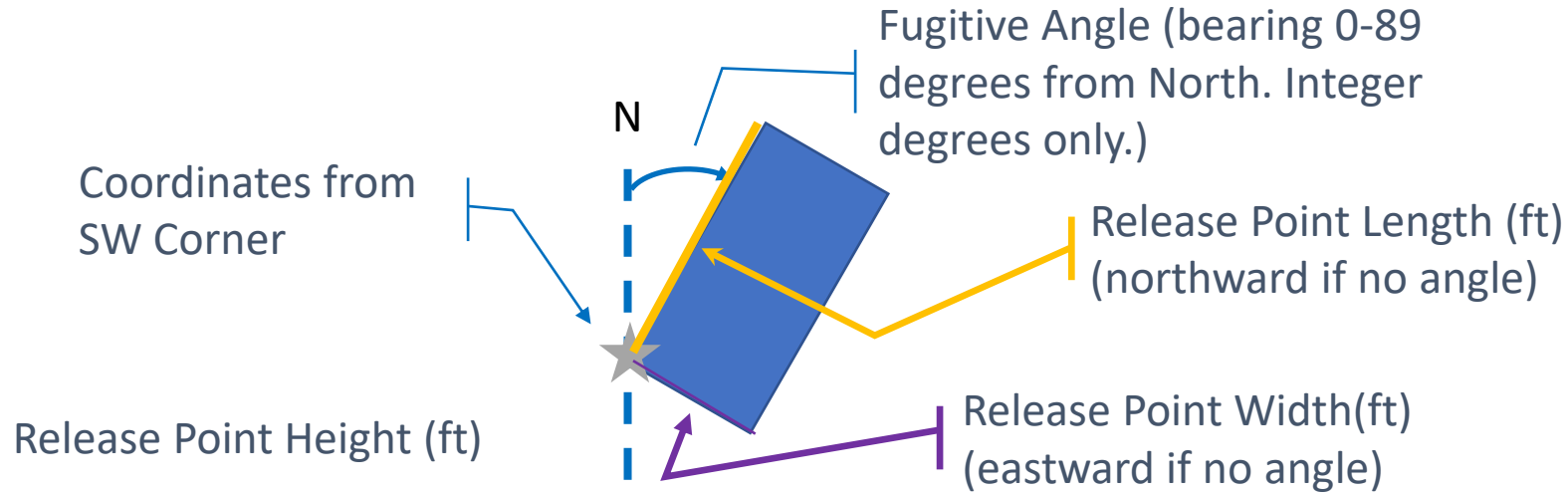
- Type 6 Downward facing vent. Typically used on silos and tanks storing non-volatile materials.



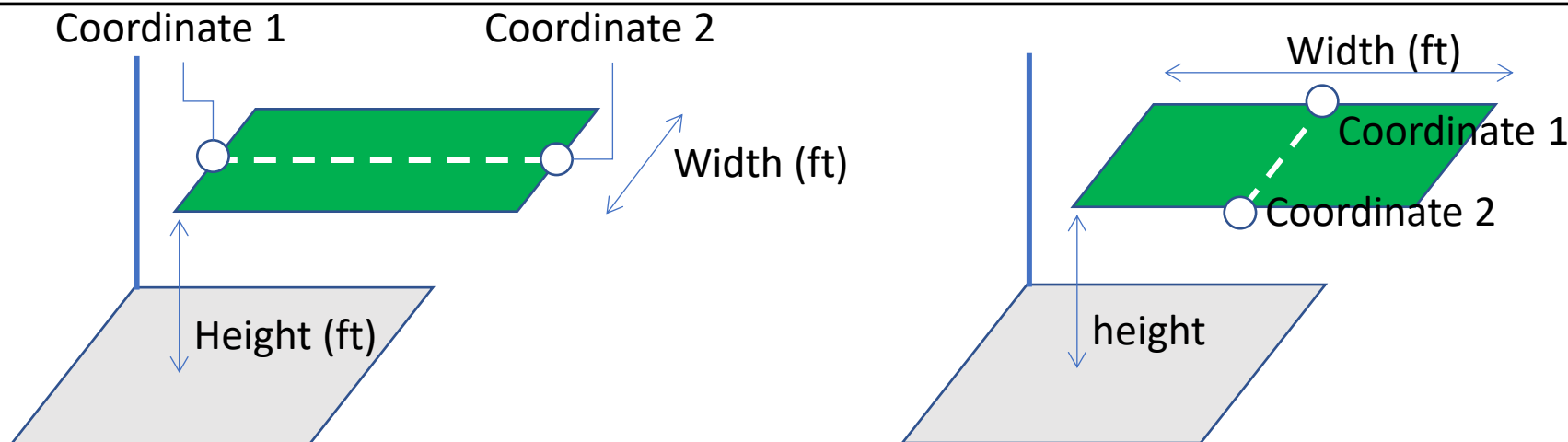
Fugitive Release Types



Fugitive Area Release Point Parameters



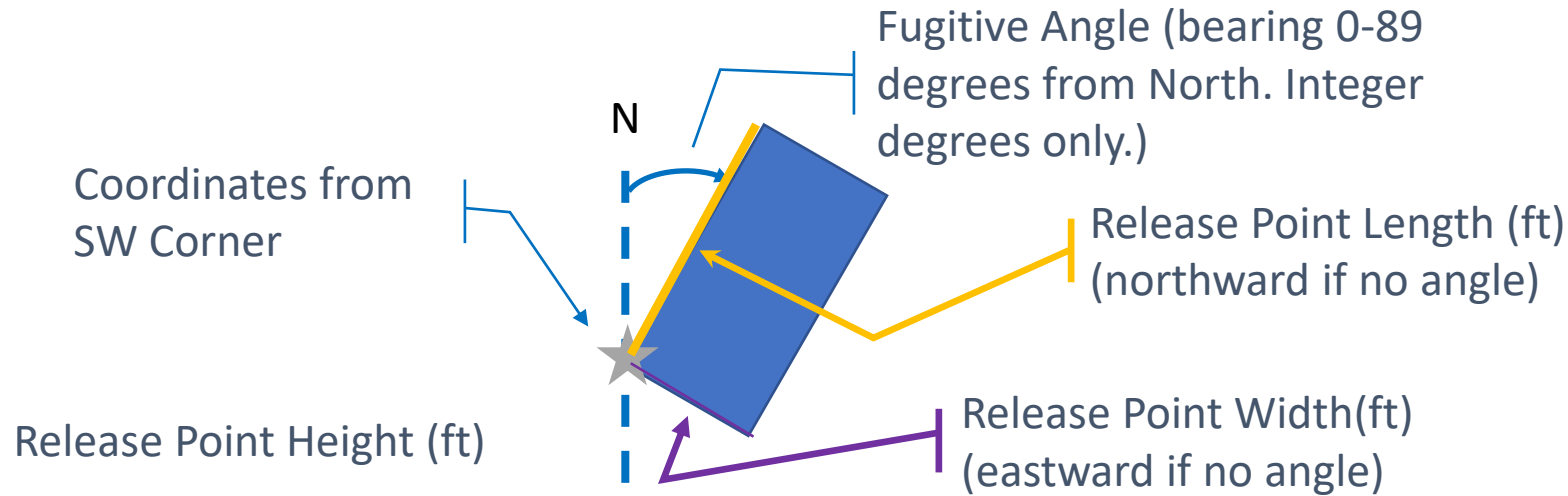
***Type 1: Fugitive Area:
SW Corner Coords***



***Type 9: 2D Fugitive
Two midpoint coord pairs***

Best practice: use for very long areas or where midpoint locations are measured.

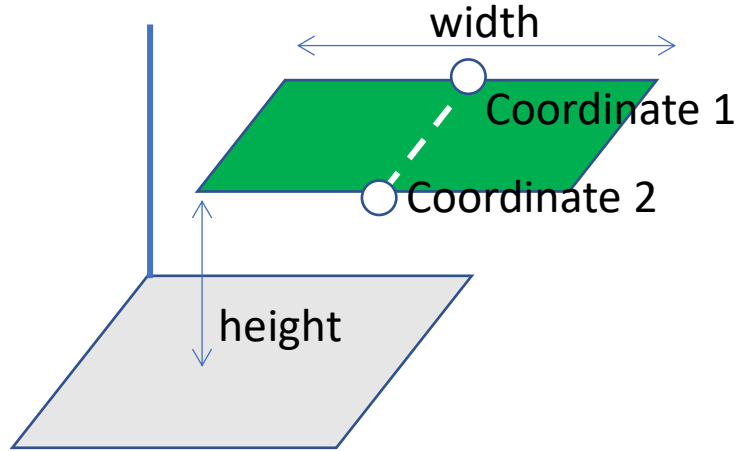
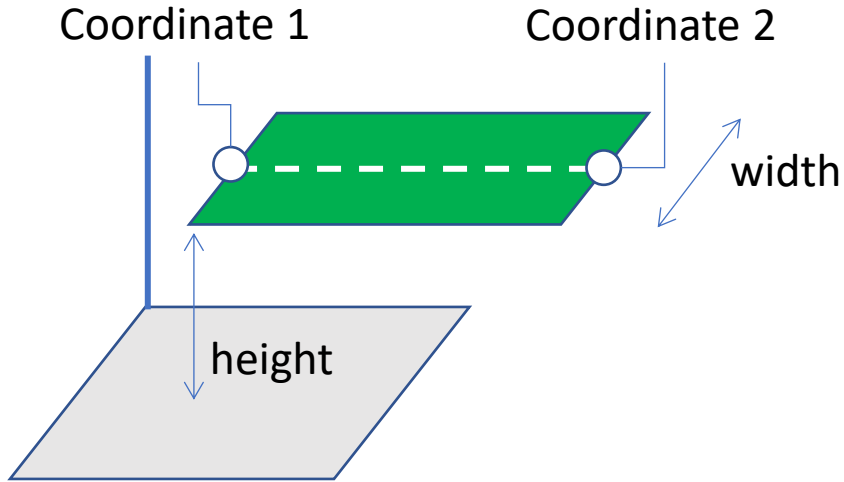
FUN FACT: This type is used to model airport runways



Type 1: Fugitive Area: SW Corner Coords

Fugitive Area: SW Corner Coords Parameters:

- Exit Gas Temperature (°F)
- Fugitive Height (FT)
- Release Point Width (FT)
- Release Point Length (FT)
- Release Point Height in FT (above ground level)
- Fugitive Angle – bearing from true North (in ***whole*** Degrees {0-89})
- Optional (*if not provided, EIS will use the facility coordinates for modeling file reports*):
 - Coordinates of the Southwest corner of fugitive area (in decimal degrees).
 - Horizontal Reference Datum



***Type 9: Fugitive 2D:
Two Midpoint Coord
Pairs***

Fugitive 2D: Two Midpoint Coord Pairs Parameters:

- Exit Gas Temperature (°F)
- Fugitive Height (FT)
- Release Point Width (FT)
- Midpoint 1 Coordinates (in decimal degrees)
- Midpoint 1 Horizontal Reference Datum
- Midpoint 2 Coordinates (in decimal degrees)
- Midpoint 2 Horizontal Reference Datum

Example fugitive area (industrial wastewater lagoon)

Same area: two ways to define.



Type 1: Fugitive Area SW Corner
Width = 288 FT
Length = 780 FT
Angle = 30 degrees



Type 9: 2D Fugitive: Two midpoint coord pairs
Width = 288 FT

Example fugitive area (open top tank)

Same area: two ways to define.

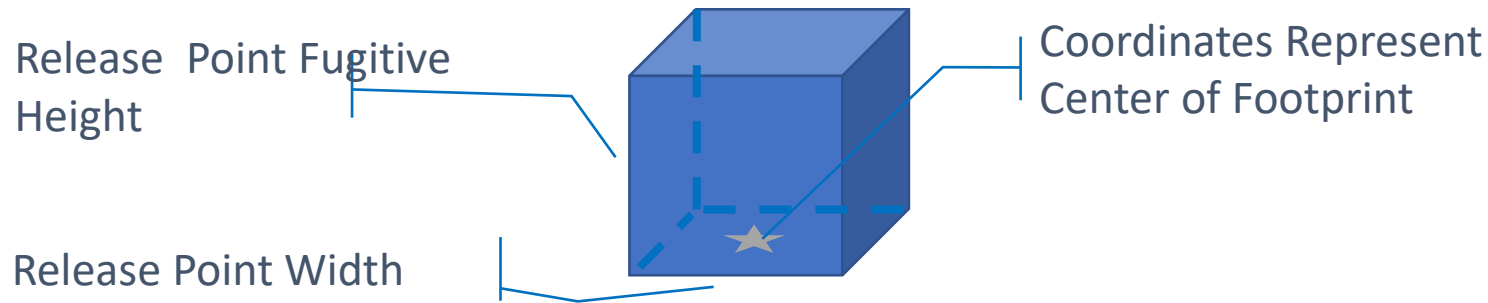


Type 1: Fugitive Area SW Corner
Width = 100 FT
Length = 100 FT
Height = 50 FT
Angle = 0 degrees



Type 9: 2D Fugitive: Two midpoint coord pairs
Width = 100 FT
Height = 50 FT

Fugitive Volume Release Point Parameters

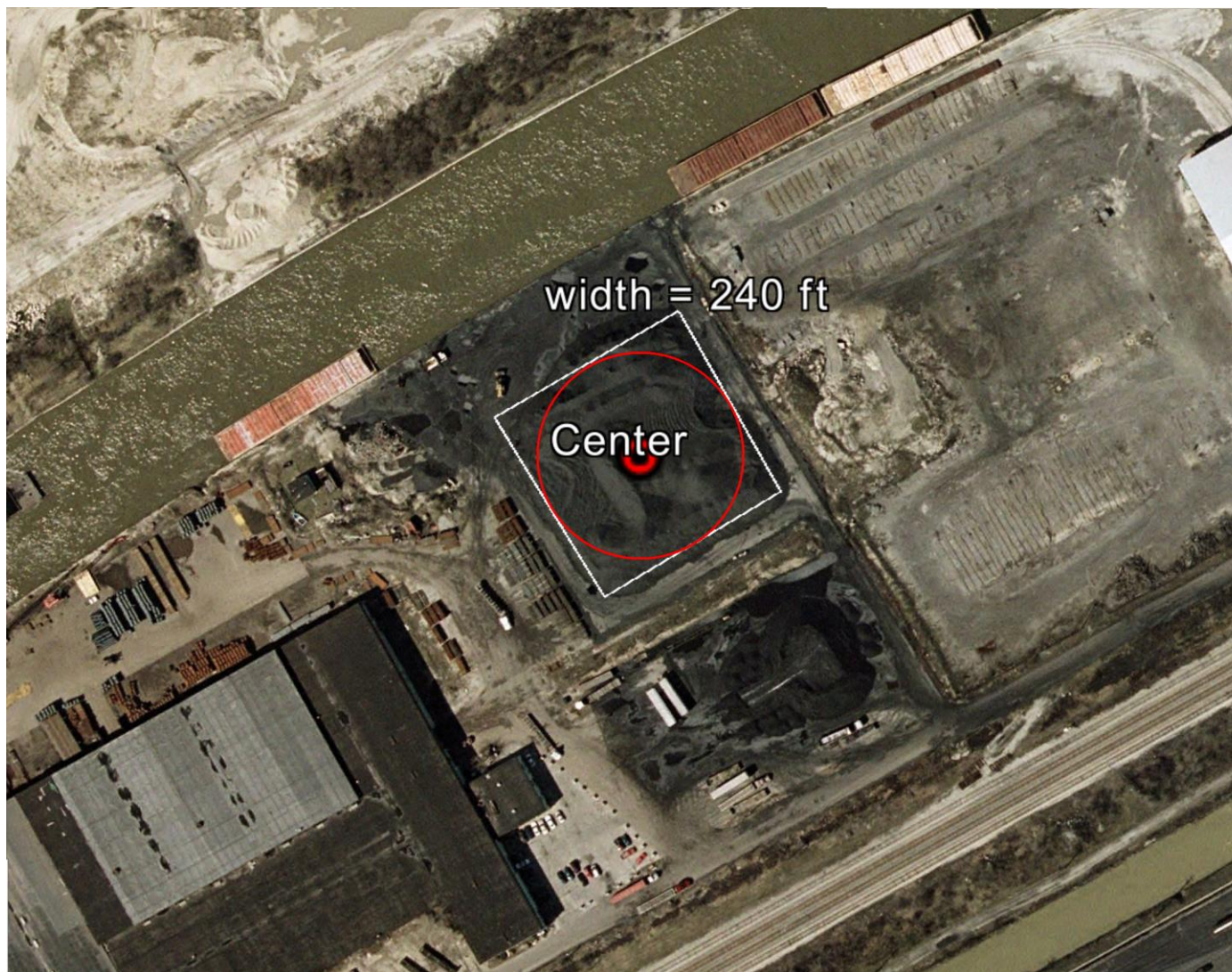


***Type 7: Fugitive 3-D:
Center of Release
footprint coords***

Fugitive 3-D: Center of Release Footprint Coords Parameters:

- Exit Gas Temperature (°F)
- Fugitive Height (FT)
- Release Point Width (FT) ← square/circular base
- ***No Release Point Length*** (if entered, length is ignored)
- ***No angle*** (if entered, angle is ignored)
- Coordinates of the *center of the fugitive footprint* (in decimal degrees)
- Horizontal Reference Datum

3D Fugitive example: Petroleum Coke Piles



Release Point Apportionment, Control Paths, Control Devices, Control Path Pollutants

- Release Point Apportionment is assigned at the Process and must include at least one Release Point. Total apportionment must equal 100%

Search eis release	Search agency relea	Search release point d	Search stack diamet	Search stack heigh	Search release point	Search release point	Search average percen	Search eis path id	Search agency pat	Search apportionment
EIS Release Point ID	Agency Release Point ID	Release Point Description	Stack Diameter (FT)	Stack Height (FT)	Release Point Width (FT)	Release Point Length (FT)	Average Percent Emissions	EIS Path ID	Agency Path ID	Apportionment is Uncontrolled
	XP1Fug	Bldg XP fugitives					50			yes
	XP1Stk	Baghouse stack	2.45	32			50		PathXP1	no

- Training session: **Reporting Control Devices for Point Sources**
- More information on how to report control device information in EIS will be provided in this training session.

An aerial photograph of a large industrial complex, likely a refinery or chemical plant. The facility is filled with various structures including tall distillation columns, storage tanks, and a network of pipes. Several smokestacks are visible, with thick white plumes of smoke or steam rising into the air. In the foreground, there are several large, circular storage tanks, some of which appear to be under construction or maintenance. The background shows a city skyline across a body of water, with a bridge visible in the distance.

3b. Point Emissions Inventory Elements

EIS User Guide Links:

<https://eis.epa.gov/userguide/ETL/CERS/PointEmissions.html>

The Point Emissions Inventory

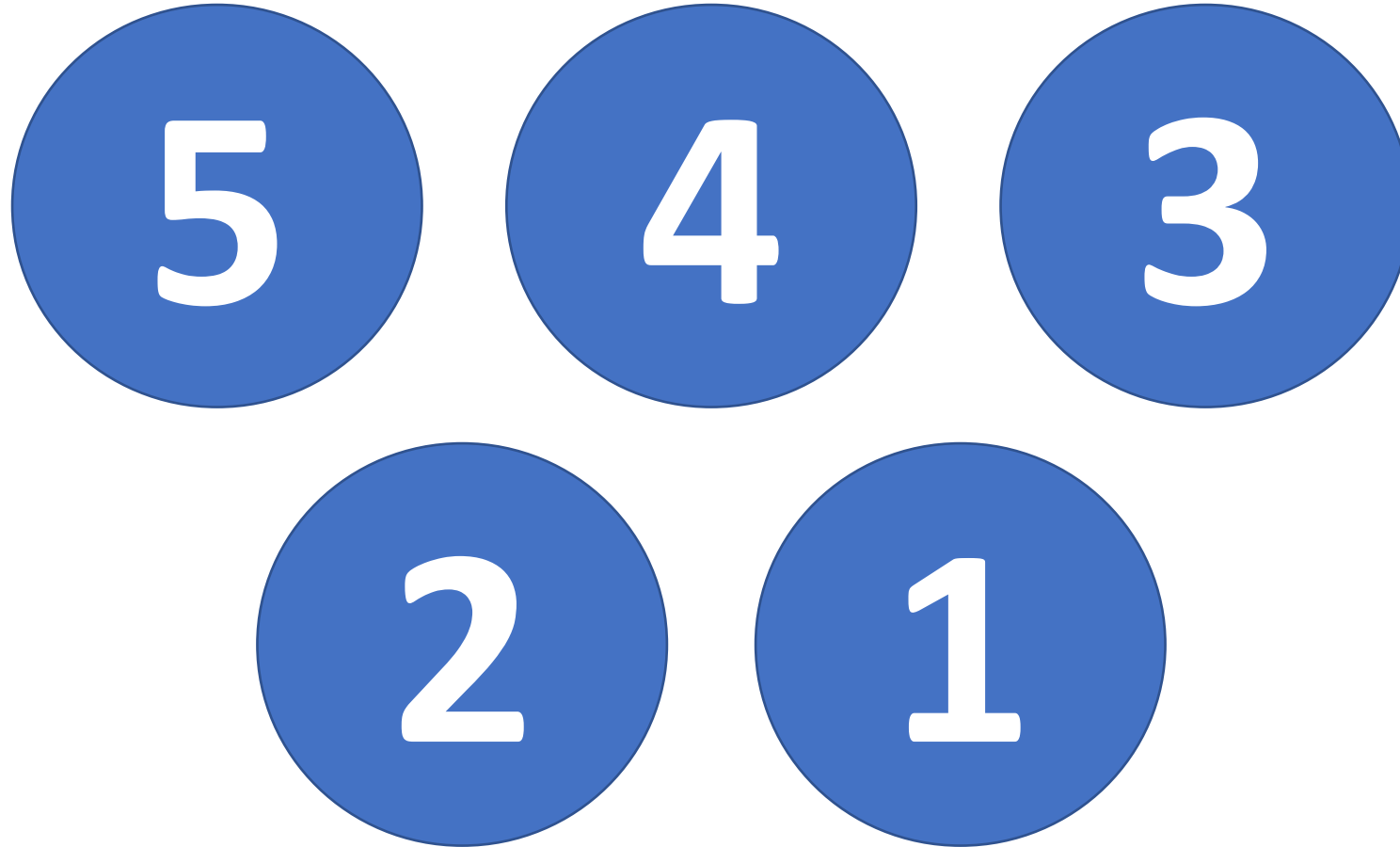
Contains emissions estimates for processes at facilities and other information related to emissions that is not static but rather is specific to an inventory year.

- Emissions estimates for Facilities, by:
 - Process
 - Pollutant
 - Inventory year/reporting period (e.g., 2023 / 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 (e.g., hours of operation)

Questions About Overview of Point Sources and Emissions?



Break timer: 5 minutes



Next up: Entering Information in EIS

4. Entering Information in EIS

EIS User Guide Link:

<https://eis.epa.gov/userguide/Gateway/ViewAddEdit/FacilityInventoryPointEmissions.html>

EIS Welcome Page

EIS Gateway

User: Lindsay Dayton
Agency: Hawaii Department of Health Clean Air Branch
Role(s): Inventory Developer Role, Authenticated Role, S/L/T User Role

VIEW/ADD/EDIT

- » Facility Inventory and Point Emissions
- » Potential Duplicate Facilities
- » Merge Processes
- » Nonpoint/ Onroad/ Nonroad Emissions
- » Event Emissions
- » CDB Activity Data
- » Inventory Selection
- » Data Tagging
- » Nonpoint Survey
- » Nonpoint Input Templates
- » Import Nonpoint Input Templates

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](#)

My Account

ACCOUNT ADMINISTRATION

ACCOUNT DATA

[» My Account](#)
[» My Agency](#)
[» Change Agency](#)
[» Logout](#)



User Roles: Authenticated Role
User Identification: xkmomber
Account Type: Identity Access Management
Account Enabled: yes
Terms Accepted: yes
Profile Accepted: yes
Last Login Time: 2025-04-09 08:01 PM

NOTIFICATION PREFERENCES

Edit Point of Contact (and Notification) Data Categories:

☐ Event ☐ Onroad ☒ Point ☐ Biogenic ☒ Nonroad ☒ Nonpoint ☒ Facility Inventory

Select Notification Only Data Categories:

☐ Event ☐ Onroad ☐ Point ☐ Biogenic ☐ Nonroad ☐ Nonpoint ☐ Facility Inventory

Facility Inventory and Point Emissions

VIEW/ADD/EDIT

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- » Potential Duplicate Facilities
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REPORTS

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- » 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

Facility Inventory and Point Emissions Search

 [Add a Facility Site](#)

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: ☐

Search for a County:

Search for Facility Source Types:

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

Select County
--- Select ---
Hawaii,Hawaii(15001)
Honolulu,Hawaii(15003)
Kalawao,Hawaii(15005)
Kauai,Hawaii(15007)
Maui,Hawaii(15009)

Select 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

Add a Facility Site

Required Fields starred in EIS Gateway:

Facility Information

- Agency Identifier
- Program System Code
- Facility Name
- NAICS (Primary)
- Facility Source Type
- Operating Status
- Operating Status (if not “OP”)
- Physical Address
- City • State • Zip Code

Geographic Coordinates

- Latitude
- Longitude
- Coordinate Tolerance (must submit support request if change needed)
- Horizontal Reference Datum

-> Then click “Save”

Add a Facility Site

▼ Facility Information

★ Agency Identifier:

★ Program System Code: -- Select --

▼ Geographic Coordinates

★ Latitude:

★ Longitude:

★ Coordinate Tolerance: .007

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

Facility Inventory and Point Emissions

VIEW/ADD/EDIT

- » Facility Inventory and Point Emissions
- » Potential Duplicate Facilities
- » Nonpoint/ Onroad/ Nonroad Emissions
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- » Software and Tools

SUPPORT

- » Administration Console

Facility Inventory and Point Emissions Search

[Add a Facility Site](#)

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: ☐

Search for a County:

Select County
--- Select ---
Hawaii,Hawaii(15001)
Honolulu,Hawaii(15003)
Kalawao,Hawaii(15005)
Kauai,Hawaii(15007)
Maui,Hawaii(15009)

Search for Facility Source Types:

Select 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

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

Facility Inventory and Point Emissions

- Results display fields:

- EIS Facility ID
- Agency ID
- Program System Code
- State • County • FIPS
- Tribal Name
- Facility Name
- Company Name
- NAICS (Primary)
- Facility Source Type
- Operating Status
- Facility lat/long coordinates
- Address • City • State • Zip Code

Search eis facility id	Search agency iden	Search program sys	Search st	Search county	Search state and c	Search tribal name	Search facility name
EIS Facility ID	Agency Identifier	Program System Code	ST	County	State and County Code	Tribal Name	Facility Name
8354011	00101	HIDOH CAB	HI	Honolulu	15003		AES Hawaii, LLC
1819611			HI	Honolulu	15003		Aloha Petroleum Ltd Barbers Point Terminal
16728911	00051	HIDOH CAB	HI	Hawaii	15001		Aloha Petroleum, Ltd. - Hilo East Terminal
2775711	00048	HIDOH CAB	HI	Hawaii	15001		Aloha Petroleum, Ltd. - Hilo West Terminal
16729011	00508	HIDOH CAB	HI	Honolulu	15003		Aloha Petroleum, Ltd. - Honolulu Terminal
17917811	00020	HIDOH CAB	HI	Kauai	15007		Aloha Petroleum, Ltd. - Nawiliwili Terminal
1819511	00075	HIDOH CAB	HI	Honolulu	15003		Ball Metal Beverage Container Corporation
11304511			HI	Kauai	15007		BARKING SANDS PMRF
1819411			HI	Honolulu	15003		Bei Hawaii - Barbers Point

★ Blue font fields are links to Facility Site Details Page ★

Facility Site Detail Page

Edit Facility Site, Delete Facility Site, and
View Emissions options on top right.

Facility Site Detail

Facility Site	Release Points	Emissions Units	Processes
▼ Facility Information			
EIS Facility ID : 2775711			
Agency Identifier : 00048 (HIDOH CAB)			
State and County FIPS : 15001 (Hawaii, Hawaii)			
Tribal Code :			
State and Country FIPS :			
Responsible Agency : Hawaii Department of Health Clean Air Branch			
Facility Name : Aloha Petroleum, Ltd. - Hilo West Terminal			
Facility Description : Gasoline Bulk Storage and Distribution Terminal			
Company Name : Aloha Petroleum, Ltd.			
NAICS (Primary) : 424710 - Petroleum Bulk Stations and Terminals			
Affiliation Type Code : Owner			
Facility Source Type : Petroleum Storage Facility			
Required Reporting Frequency: Every 3rd Year			
Facility Category : CAP Major			
Operating Status : Operating			
Operating Status Year : 2008			
Physical Address : 661 Kalanianaʻole Avenue			
Supplemental Address :			
Locality : Hilo			
State : Hawaii			
Zip Code : 96720			
Address Comment :			
EIS Comment :			

[Edit Facility Site](#)
[Delete Facility Site](#)
-- Emissions Year -- ▼

Edit Facility Site Information

- Starred fields are required fields

Edit Facility Site

▼ Facility Information

EIS Facility ID:	16729011
Agency Identifier:	00508
Agency Identifier PSC:	HIDOH CAB
State and County FIPS:	15003 - Honolulu, Hawaii
 Facility Name:	Aloha Petroleum, Ltd. - Honolulu Terminal
Facility Description:	
Company Name:	Aloha Petroleum, Ltd.
 NAICS (Primary):	424710 - Petroleum Bulk Stations and Terminals
Affiliation Type Code:	Owner
Facility Source Type:	Petroleum Storage Facility
Required Reporting Frequency:	Every 3rd Year
Facility Category:	CAP Major
 Operating Status:	Operating
Operating Status Year:	
 Physical Address:	789 N. Nimitz Highway
Supplemental Address:	
 Locality:	Honolulu
 State:	Hawaii
 Zip Code:	96817
Address Comment:	
HAP Facility Category:	
EIS Comment:	

Edit Facility Site information

- Geographic Coordinates
 - Fields with  are “locked” and cannot be edited either via Gateway edit or XML submission. EPA locks coordinates if they have been verified on a map.
 - Coordinate Tolerance (in decimal degrees) is the bounds of allowable release points.
 - Contact EPA 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:

Facility-level emissions

To view Facility-level emissions by year, select a year from the drop-down menu and click “View.

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

Facility Site Year 2020 Emissions Summary

Facility Site							
Emissions							
Show 25 entries				Search:			
Pollutant Type(s)	HAP Type	Pollutant Code	Pollutant Name	UOM	Hawaii Department of Health Clean Air Branch	2020NEI	2020EPA_HAPAug
CAP		SO2	Sulfur Dioxide	TON	0.4396	0.4396	-
CAP		NH3	Ammonia	TON	0.1334	0.1334	-
CAP		PM10-PRI	PM10 Primary (Filt + Cond)	TON	0.0273	0.0273	-
CAP		PM10-FIL	PM10 Filterable	TON	0.0224	0.0224	-
CAP		PM25-FIL	PM2.5 Filterable	TON	0.0224	0.0224	-
CAP		VOC	Volatile Organic Compounds	TON	67.8517	67.8517	-
CAP		PM-CON	PM Condensable	TON	0.0048	0.0048	-
CAP		CO	Carbon Monoxide	TON	38.4483	38.4483	-
CAP		NOX	Nitrogen Oxides	TON	42.7290	42.7290	-
CAP		PM25-PRI	PM2.5 Primary (Filt + Cond)	TON	0.0273	0.0273	-
CAP/HAP	HAP-Metal	7439921	Lead	LB	-	0.0062	0.0062
HAP	HAP-Metal	7782492	Selenium	LB	-	0.0103	0.0103
HAP	HAP-	7440000	Nickel	LB	-	0.0034	0.0034

Facility Site Detail Page

Tabs at top will jump the page to Facility, Release Points, Emissions Units, and Processes “accordion” sections

Other sections include:

- NAICS
- Geographic Coordinates
- Alternate Facility Identifiers
- Alternate Facility Names
- Facility Expected Pollutants
- Site Controls
- Site Control Paths
- Facility Audit Log
- Geographic Coordinate Audit Log

Facility Site Detail

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

Alternate Facility Identifiers

▼ Alternate Facility Identifiers							
Show 25 entries		Add Alternate Identifier					
N/A	N/A	Search alternate identifier	Search program system	Search effective date	Search end date	Search last updated	Search last updated from agency
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							
Download Results: CSV		First Previous 1 Next Last					

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

Expected Pollutants for facilities are set at the site level and based on process at the facility as well as previously submitted data. They are used in the Data Completeness Report to determine required pollutants and outliers.

▼ Facility Expected Pollutants

Show **25** entries

Search pollutant type Search pollutant code Search pollutant code description Search threshold minimum Search threshold maximum Search unit of measure Search last updated on Search last updated by

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](#)

Min/Max thresholds are often updated each year and SLTs can request changes by submitting an [EIS Support Request](#).

First Previous 1 Next Last

Release Points

Release Points																
Show		100	entries		Add Release Point											
N/A	Search eis	Search age	Search	Search descrip	Search	Seal	Search rp	Search stack	Search rp	Search rp l	Search fl	Sea	Search velo	Search	Search temp/c	
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 ☆

Emissions Units

★ Process count is also a clickable link and will open in this window ★

▼ Emissions Units

Show **25** entries

[N/A](#)

[Add Emissions Unit](#)

	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	U99999	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 -- View

Alternate Unit Identifiers

Processes

Show 25 entries

N/A

Search eis process id

Search agency process id

Search program system code

Search emissions process description

Search scc

EIS Process ID	Agency Process ID	Program System Code	Emissions Process Description	SCC
 129355314	OS0	NJDEP		399999999

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 Delete Emission Process View Emissions
Agency Process ID:	OS0 (NJDEP)	
SCC:	399999999	
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		

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	2021	Annual	Routine
2021NEI_draftV1.1	2021	Annual	Routine
New Jersey Department of Environment Protection	2020	Annual	Routine
2020NEI	2020	Annual	Routine
New Jersey Department of Environment Protection	2019	Annual	Routine
2019NEI_V3	2019	Annual	Routine
New Jersey Department of Environment Protection	2018	Annual	Routine
2018NEI_Sep2021	2018	Annual	Routine
New Jersey Department of Environment Protection	2017	Annual	Routine
2017NEI	2017	Annual	Routine

Showing 1 to 10 of 24 entries

Download Results: [CSV](#)

Process Emissions (click on “View emissions”)

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

▼ Emissions									
Pollutant Type(s) ▲	HAP Type ◆	Pollutant Code ◆	Pollutant ◆	New Jersey Department of Environment Protection 2021 Annual Routine ◆	Data Tag ◆	New Jersey Department of Environment Protection 2020 Annual Routine ◆	Data Tag ◆	New Jersey Department of Environment Protection 2019 Annual Routine ◆	Data Tag ◆
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	

Editing of emissions values is possible at the process level when the submission window is open. To edit a submitted emissions value, click on the blue text “link.” Be sure to include a comment when saving your changes!

Add/Edit Release Point Apportionment

- Assign either
 - a Release Point ID from drop down, or
 - A Site Path ID (more information on Site Path ID is provided in the controls presentation)

★ 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: 399999999

Release Point Apportionment

Agency Release Point ID: -- Select --

Average Percent Emissions:

Comment:

Site Path ID:

Apportionment is Uncontrolled:

Add Release Point to Apportionment

Show 25 entries

Search eis relea

Search agency r

Search release p

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	PT999999		
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](#)

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
EIS Process Group: 1

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

ALLOW ACCESS

ACCESS ALLOWED TO

Member Information of Allowed Agencies

Confederated Tribes of the Colville Reservation, Washington	Tribal
EPA Region 10	Local Agency
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

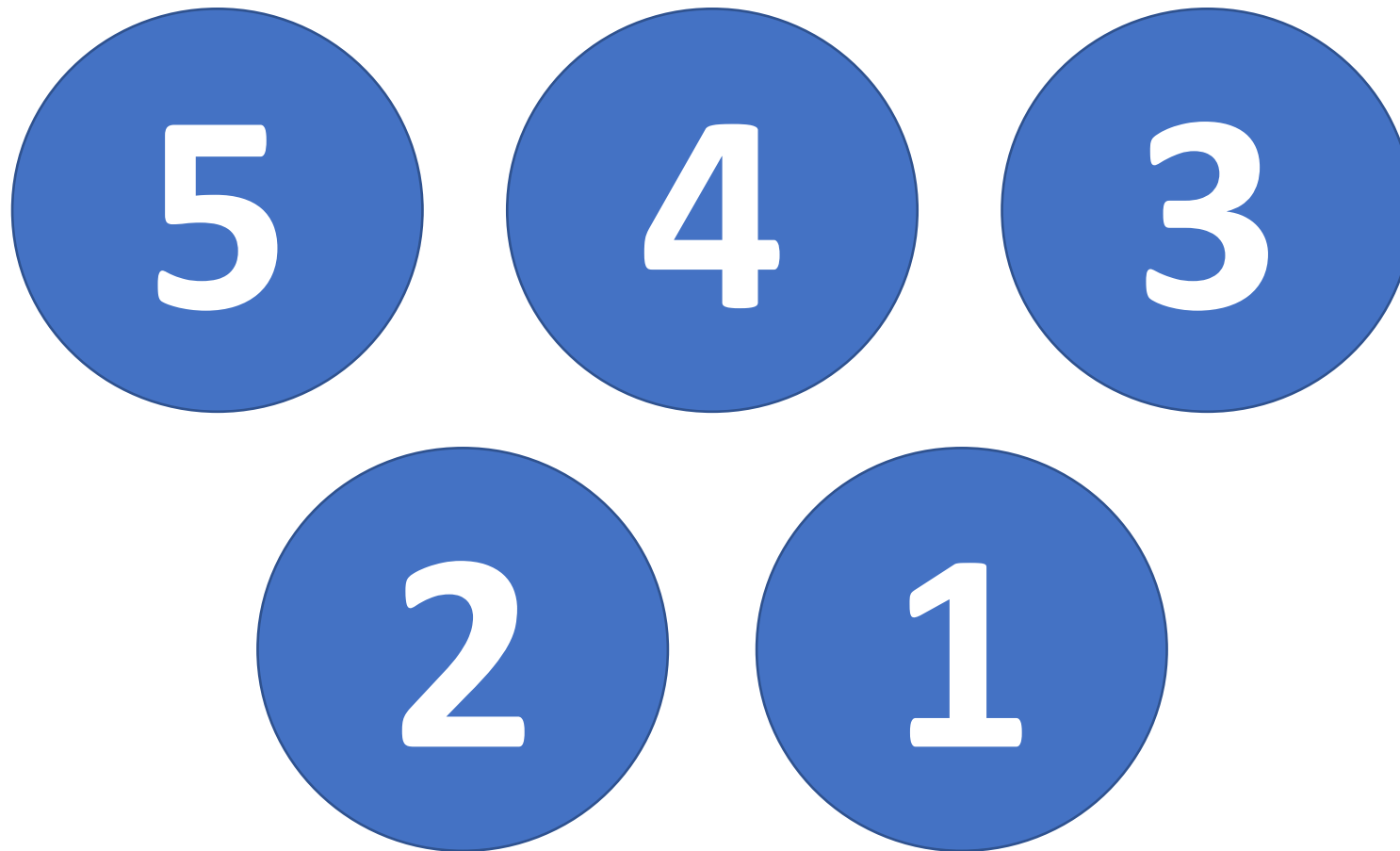
Agency Description	Agency Type
Olympic Region Clean Air Agency	Local Agency
Puget Sound Clean Air Agency	Local Agency
Southwest Clean Air Agency	Local Agency

To grant access to another agency to be able to view your agency's facilities, submit a support request in EIS!

Questions About EIS Gateway navigation and editing?



Break timer: 5 minutes



4b. Bridge Tool & XML submissions

EIS User Guide Links:

<https://eis.epa.gov/userguide/ETL/BridgeTool/BridgeTool.html>

<https://eis.epa.gov/userguide/ETL/SubmissionsOverview/submissions.html>

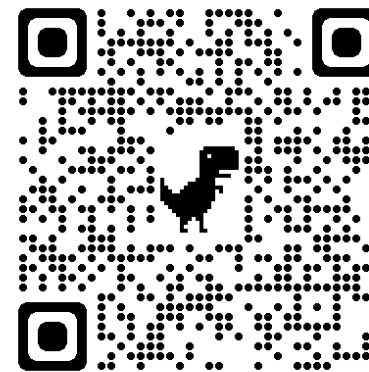
<https://eis.epa.gov/userguide/ETL/CERS/cers-schema.html>

<https://eis.epa.gov/userguide/ETL/ENSC/ExchangeNetworkServiceCenter.html>

Point Source Inventory Submission Process Outline

- EIS Account (with write privileges set to “True”)
- CDX Account
- Bridge Tool
- Facility & Point Staging Requirements Spreadsheets
- QA Checks
- Submitting in CDX
 - QA Facility Inventory
 - Production Facility Inventory
 - QA Point
 - Production Point
- Report get back
- Having issues –
 - Submit a support request in EIS
 - Reach out to EPA
 - Email the Node Help desk if not uploading on exchange server

EIS Bridge Tools Website



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

Air Emissions Inventories

[Get Data](#) ▼

[Report Data](#) ▲

[2023 NEI Documentation](#)

[CAERS](#) ▼

[EIS](#) ▲

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

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

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

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

[Other Resources](#) ▼

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 March 2024 version \(accdb\)](#)

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

 [Facility Point Bridge Tool August 2025 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 \(xlsx\)](#) (65.74 KB)

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

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 submitting their inventory data to the QA environment in EIS at any time, this does not change data in EIS
 - By end of year deadline + grace period, the SLT submits their inventory data to the production environment in EIS, reviews EIS Data Completeness Report, and makes corrections as needed.

Remember to leave enough time for corrections and re-submission as needed using EIS feedback reports. A minimum of two months is recommended, but the more the better. Start as early as possible!

Suggested S/L/T Schedule for Point Inventory Development

Date	Activity
November 1 – March 1	Update your data system to include new and changed reporting codes and QA checks to match what is in EIS.
March 1 – November 1	Run EIS Facility Configuration reports and compare to your local system.
	Develop facility inventory submission to update EIS with changes to status, new facilities, units, processes and release points.
	Submit facility inventory data to the EIS QA Environment. Check Potential Duplicates. Check number of facility, unit, process, and release point records received on the Statistics tab of feedback report against number of records submitted. Resolve errors.
June 1 – December 31	Develop emissions (point) inventory.
	Submit point inventory to EIS QA Environment.
	Review EIS feedback report to confirm number of reporting period and emission records received on the Statistics tab matches number of records submitted. Resolve errors.
July 1 – December 31	Submit point inventory to EIS Production Environment.
October 1 – December 1	Review EIS data completeness report for possible outliers, incorrect entry, potentially missing pollutants. Run QA reports suggested in NEI Plan, for example see Table 3-6 in 2023 NEI Plan .
December 1 – January 15	Address any last-minute adjustments.

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).

<https://www.epa.gov/air-emissions-inventories/report-air-emissions-data>

AutoSave Off facility_staging_requirements.xlsx • Last Modified: 12/17/2021 Search (Alt+Q)

File Home Insert Page Layout Formulas Data Review View Help Acrobat

A3

	A	B	C	D	E
1	Facility Table Requirements				
2	Table/Data Element	Required	Data Type in EIS	Definition	
3					
4	DocumentHeader			Identification information regarding the submission file	
5	Author Name	Yes	Character (20)	Your name, not your user ID	
6	Organization Name	Yes	Character (20)	The name of the organization which you are representing	
7	Document Title	Yes	Character (3)	Must be "EIS"	
8	Keywords	No	Character (100)	Words that best describe the payload. Multiple keywords are allowed for transaction categorization and searching.	
9	Comment	No	Character (400)	Additional comments for processors	
10	Data Flow Name	Yes	Character (20)	Must be "CERS_v2"	
11	Property-Submission Type	Yes	Character (20)	Either "QA" or "Production"	
12	Property-Data Category	Yes	Character (20)	Must be "FacilityInventory" for Facility Inventory submittals.	
13	Property-NCD Data File	(Yes)	Character (20)	The name of the NCD zipped file which is being attached. Not applicable to Facility Inventory submittals.	
14	UserIdentifier	Yes	Character (20)	User ID currently valid and recognized by EIS.	
15	ProgramSystemCode	Yes	Character (20)	The Program System Code for the Agency to whom the user id is a member with write privileges in EIS.	
16	EmissionsYear	Yes	Integer (4)	The 4 digit year of the submitted emissions - required even for Facility Inventory submittals.	
17	Model	No	Character (80)	The name of the model or the conversion tool used for generating the emissions data.	
18	ModelVersion	No	Character (20)	The version of the model or conversion tool.	
19	EmissionsCreationDate	No	Date (YYYY-MM-DD)	Date that the data being submitted were created, or the date when the model generating the data was	
20	SubmittalComment	No	Character (400)	Any comments regarding the file submission.	
21					
22	FacilitySite	Yes		Information on the facility site, including the facility category code, company name, NAICS code, and operating status.	
23	FacilitySiteIdentifier	(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.	
	FacilitySiteProgramSystemCode	(Yes)	Character (20)	The code that represents the information management system which has responsibility for the data in a	

READ ME Facility

Ready Accessibility: Investigate Display Settings 125%

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:

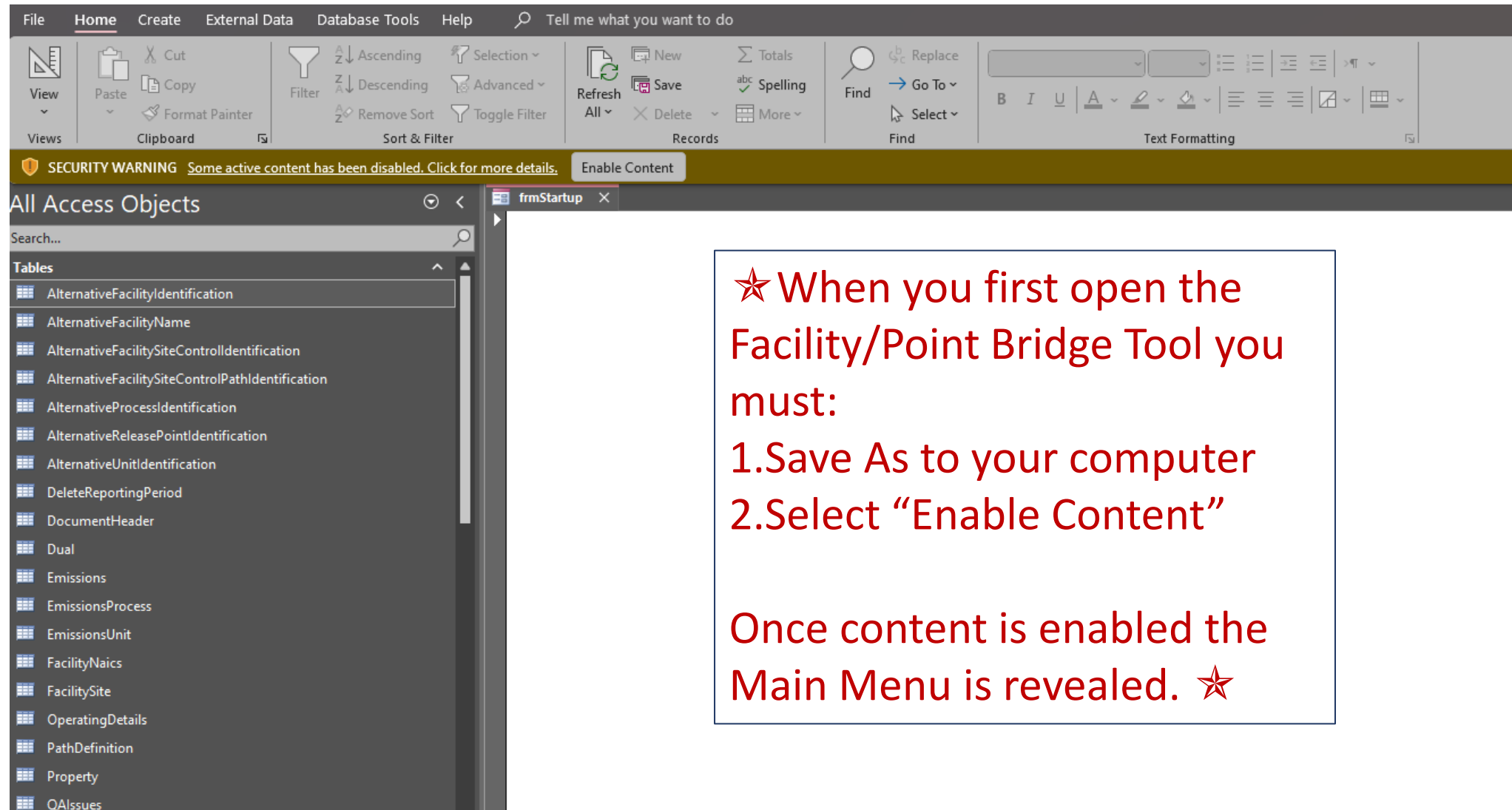
1. **Node-to-node transfer:** your SLT system server connects with the EPA server, and you export the data directly (e.g., mainframes or desktop software packages)

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



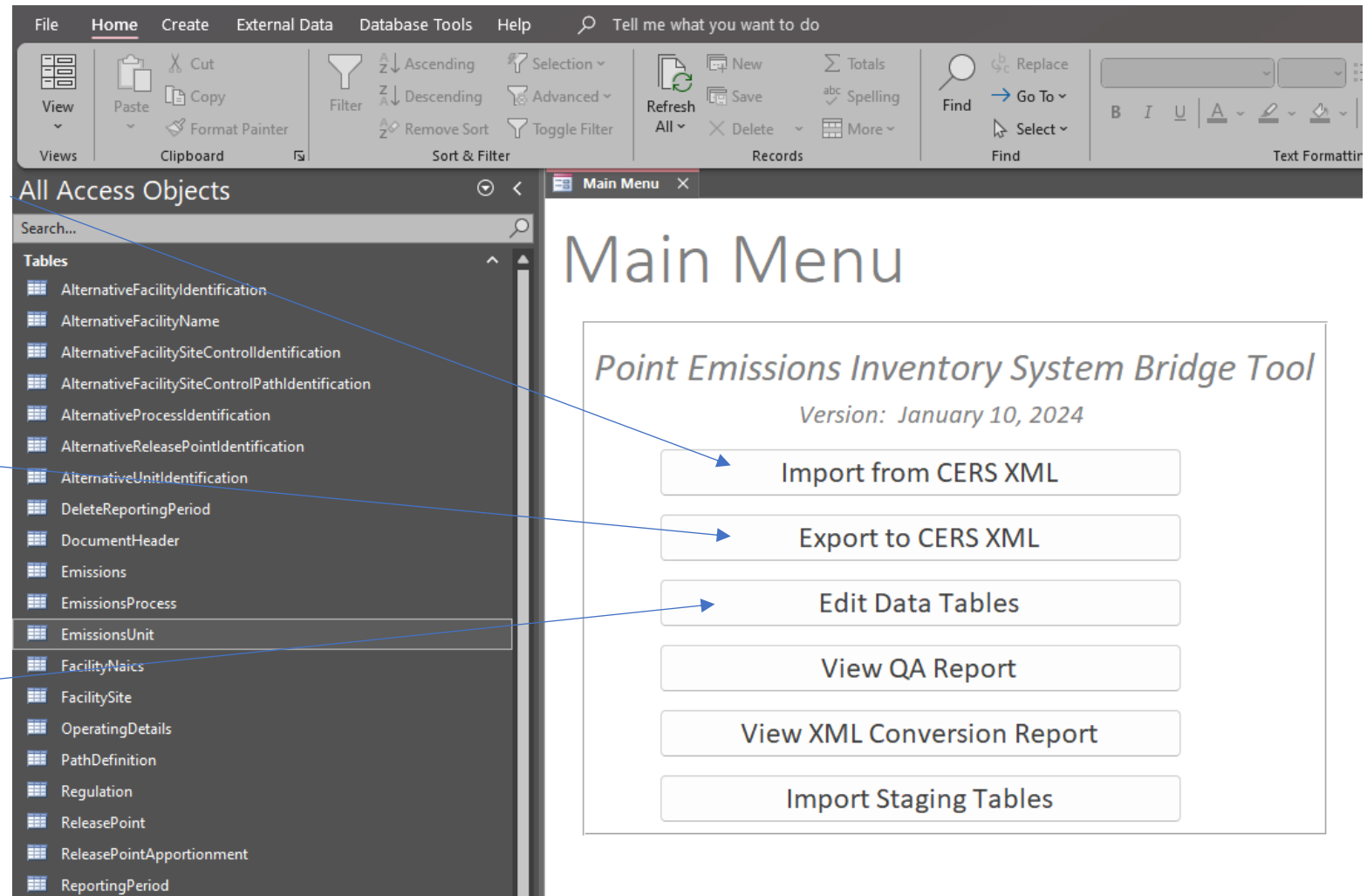
★ When you first open the Facility/Point Bridge Tool you must:

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

Once content is enabled the Main Menu is revealed. ★

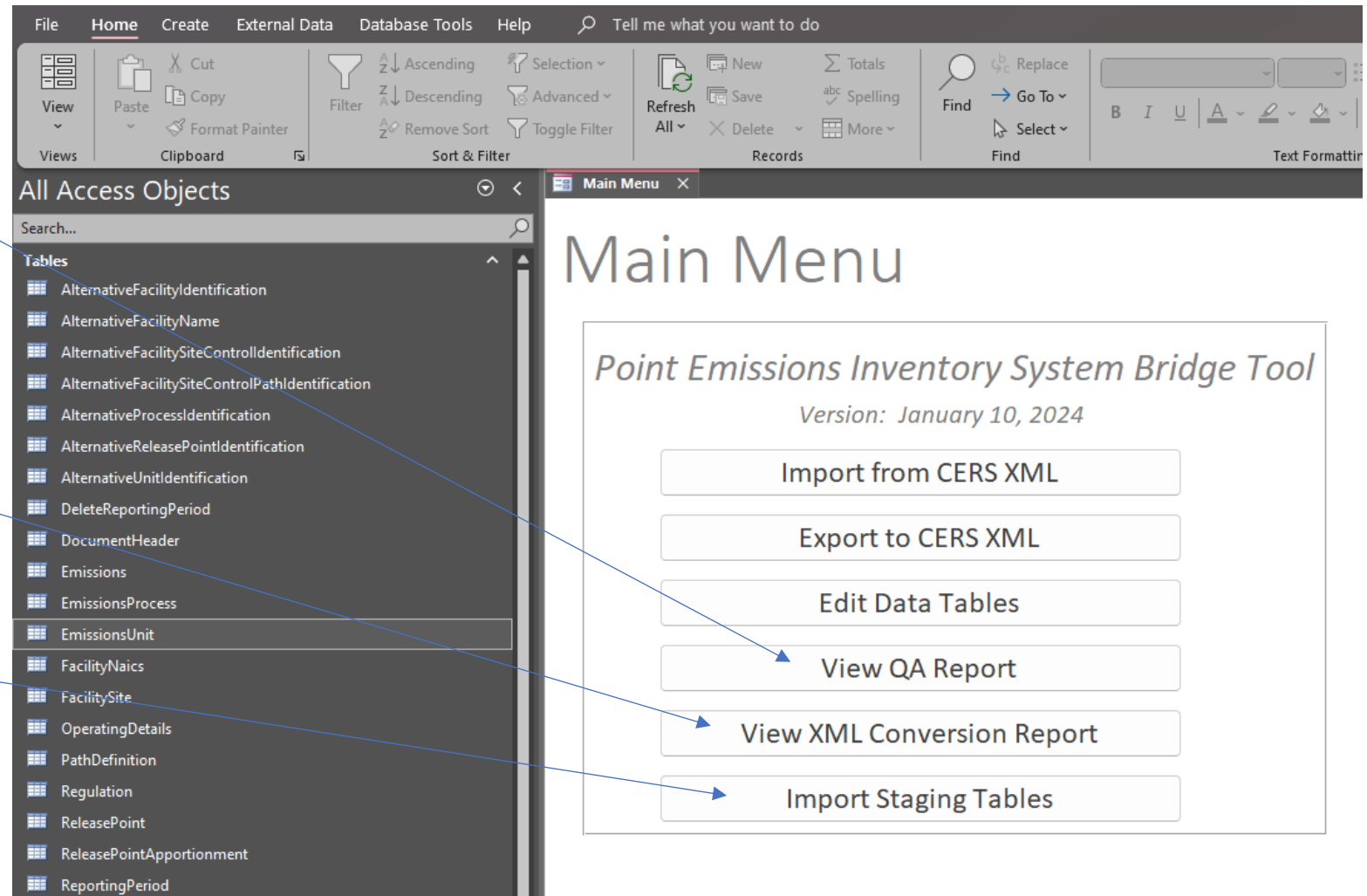
Bridge Tool Main Menu Functions

- **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.

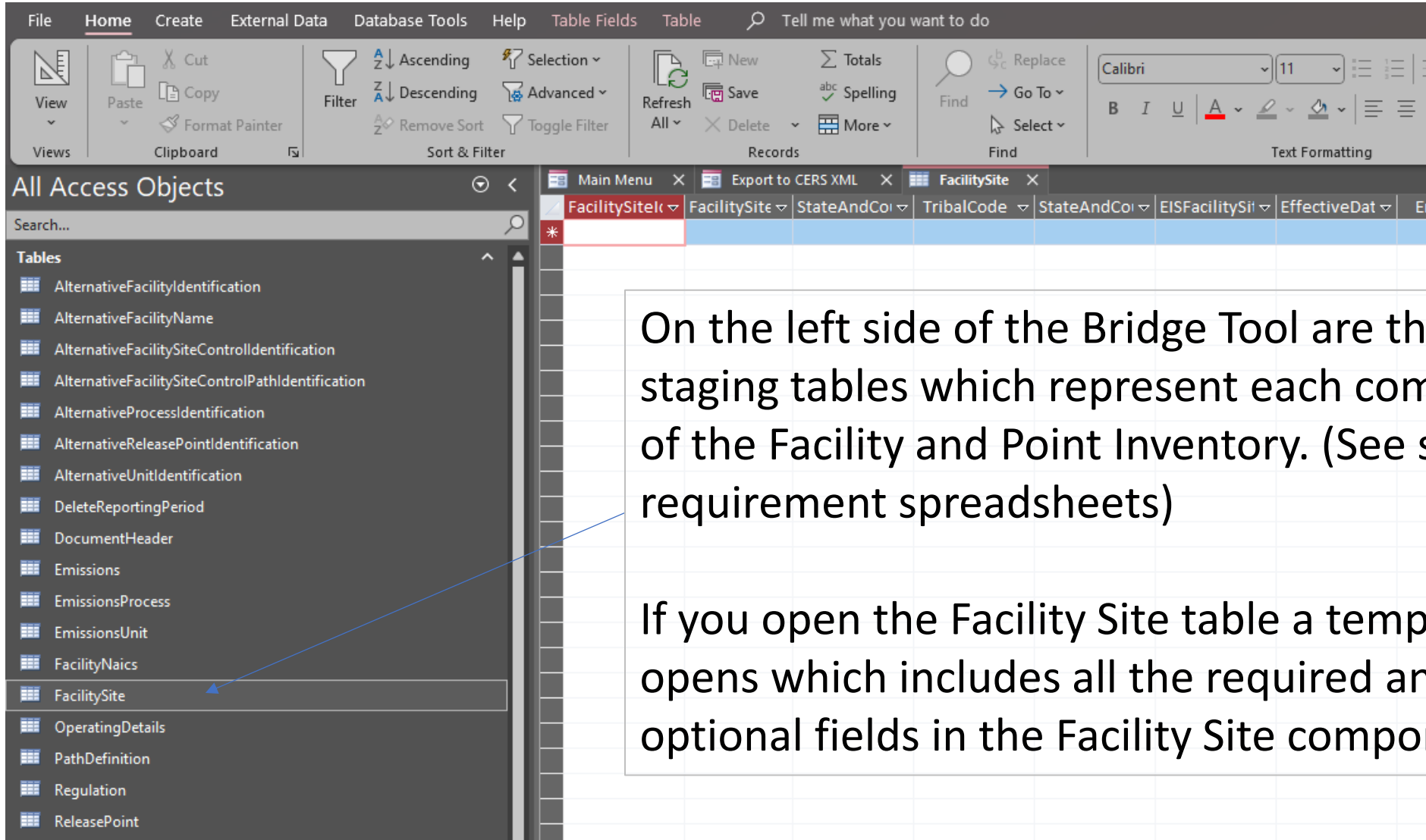


Bridge Tool Main Menu Functions (continued)

- **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.



Bridge Tool Staging Tables

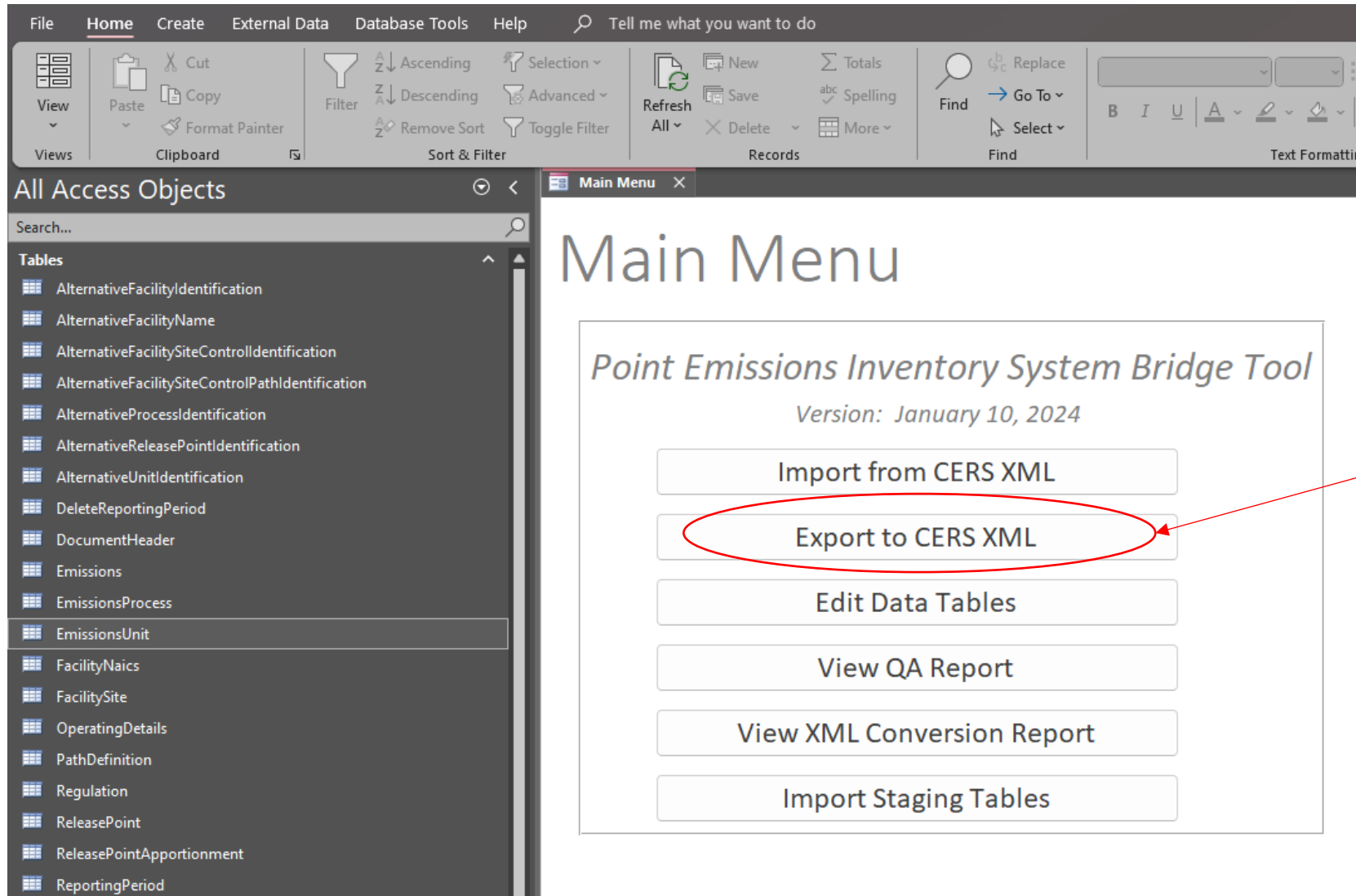


The screenshot displays the Bridge Tool interface. On the left, the 'All Access Objects' pane lists various staging tables. The 'FacilitySite' table is highlighted. On the right, a data table is shown with columns: FacilitySite, FacilitySite, StateAndCo, TribalCode, StateAndCo, EISFacilitySi, EffectiveDat, and En. The first row of data is highlighted in blue.

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 the required and optional fields in the Facility Site component.

Exporting to CERS XML

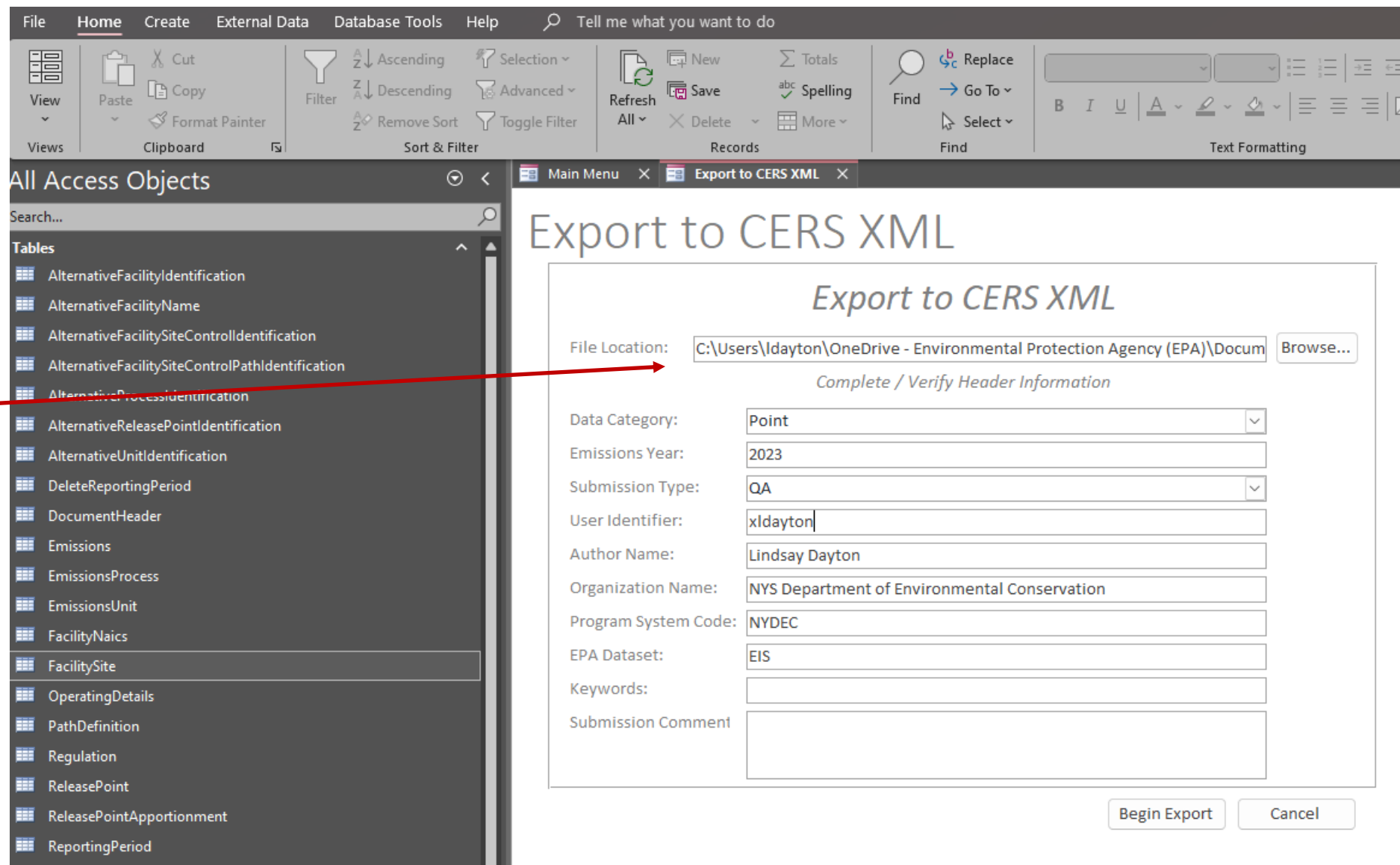


The screenshot shows the Microsoft Access application window. The ribbon at the top includes tabs for File, Home, Create, External Data, Database Tools, and Help. The 'All Access Objects' task pane on the left shows a list of tables, with 'EmissionsUnit' highlighted. The 'Main Menu' window is open, displaying the title 'Point Emissions Inventory System Bridge Tool' and the version 'January 10, 2024'. It contains six buttons: 'Import from CERS XML', 'Export to CERS XML' (which is circled in red), 'Edit Data Tables', 'View QA Report', 'View XML Conversion Report', and 'Import Staging Tables'. A red arrow points from the 'Export to CERS XML' button to the text box on the right.

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.



The screenshot shows the Bridge Tool interface with the 'Export to CERS XML' dialog box open. The 'All Access Objects' list on the left contains the following tables:

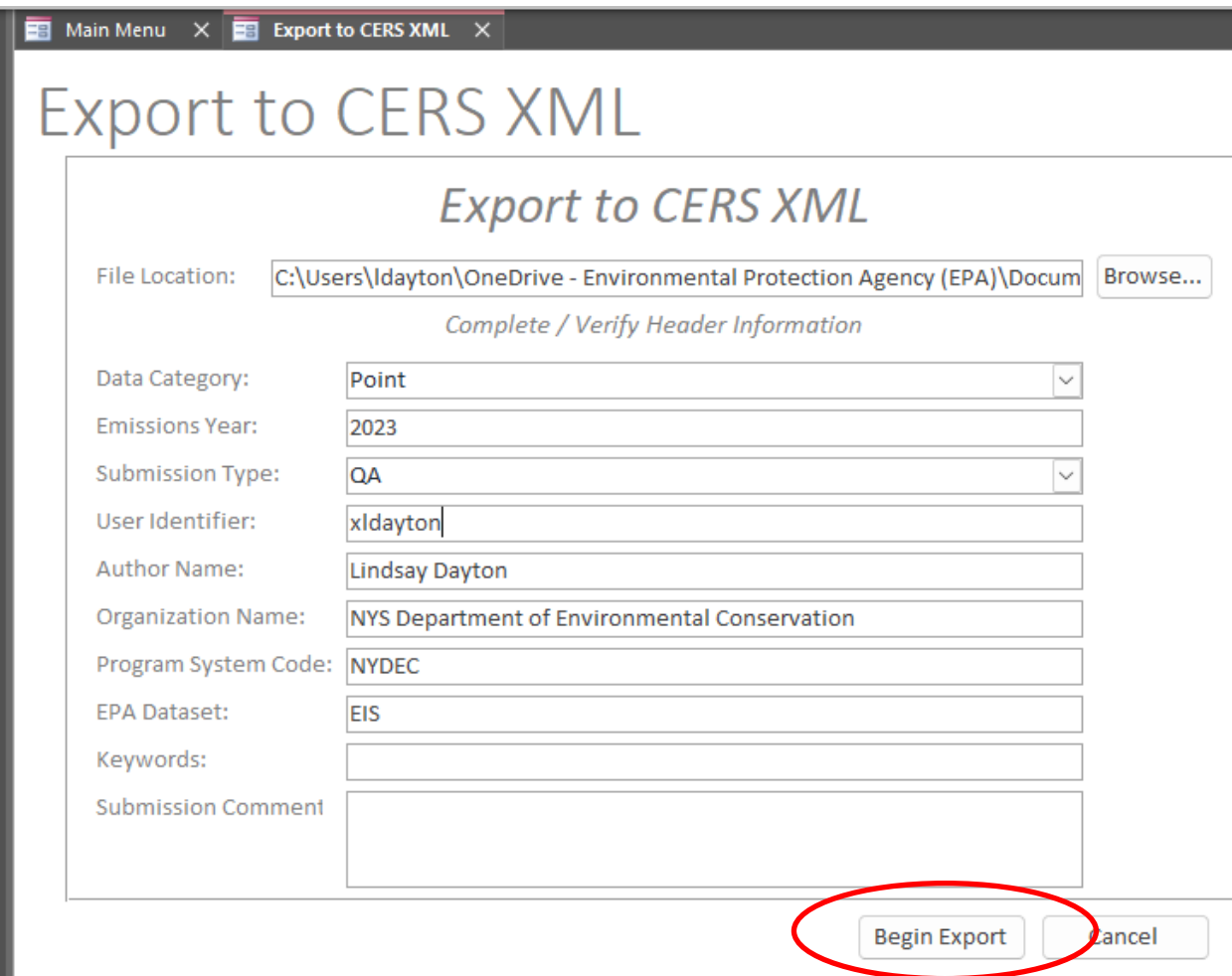
- AlternativeFacilityIdentification
- AlternativeFacilityName
- AlternativeFacilitySiteControlIdentification
- AlternativeFacilitySiteControlPathIdentification
- AlternativeProcessIdentification
- AlternativeReleasePointIdentification
- AlternativeUnitIdentification
- DeleteReportingPeriod
- DocumentHeader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

The 'Export to CERS XML' dialog box contains the following fields:

- File Location: C:\Users\ldayton\OneDrive - Environmental Protection Agency (EPA)\Docum (Browse...)
- Data Category: Point
- Emissions Year: 2023
- Submission Type: QA
- User Identifier: xldayton
- Author Name: Lindsay Dayton
- Organization Name: NYS Department of Environmental Conservation
- Program System Code: NYDEC
- EPA Dataset: EIS
- Keywords:
- Submission Comment:

Buttons at the bottom: Begin Export, Cancel.

Information to Provide for Export



Main Menu × Export to CERS XML ×

Export to CERS XML

Export to CERS XML

File Location: C:\Users\ldayton\OneDrive - Environmental Protection Agency (EPA)\Docum Browse...

Complete / Verify Header Information

Data Category: Point

Emissions Year: 2023

Submission Type: QA

User Identifier: xldayton

Author Name: Lindsay Dayton

Organization Name: NYS Department of Environmental Conservation

Program System Code: NYDEC

EPA Dataset: EIS

Keywords:

Submission Comment

Begin Export Cancel

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. QA submittal is encouraged to identify errors prior to submitting to Production.

User Identifier – Your User ID found in your EIS Gateway “Account Profile”

Author Name – Your name

Organization Name – Your agency

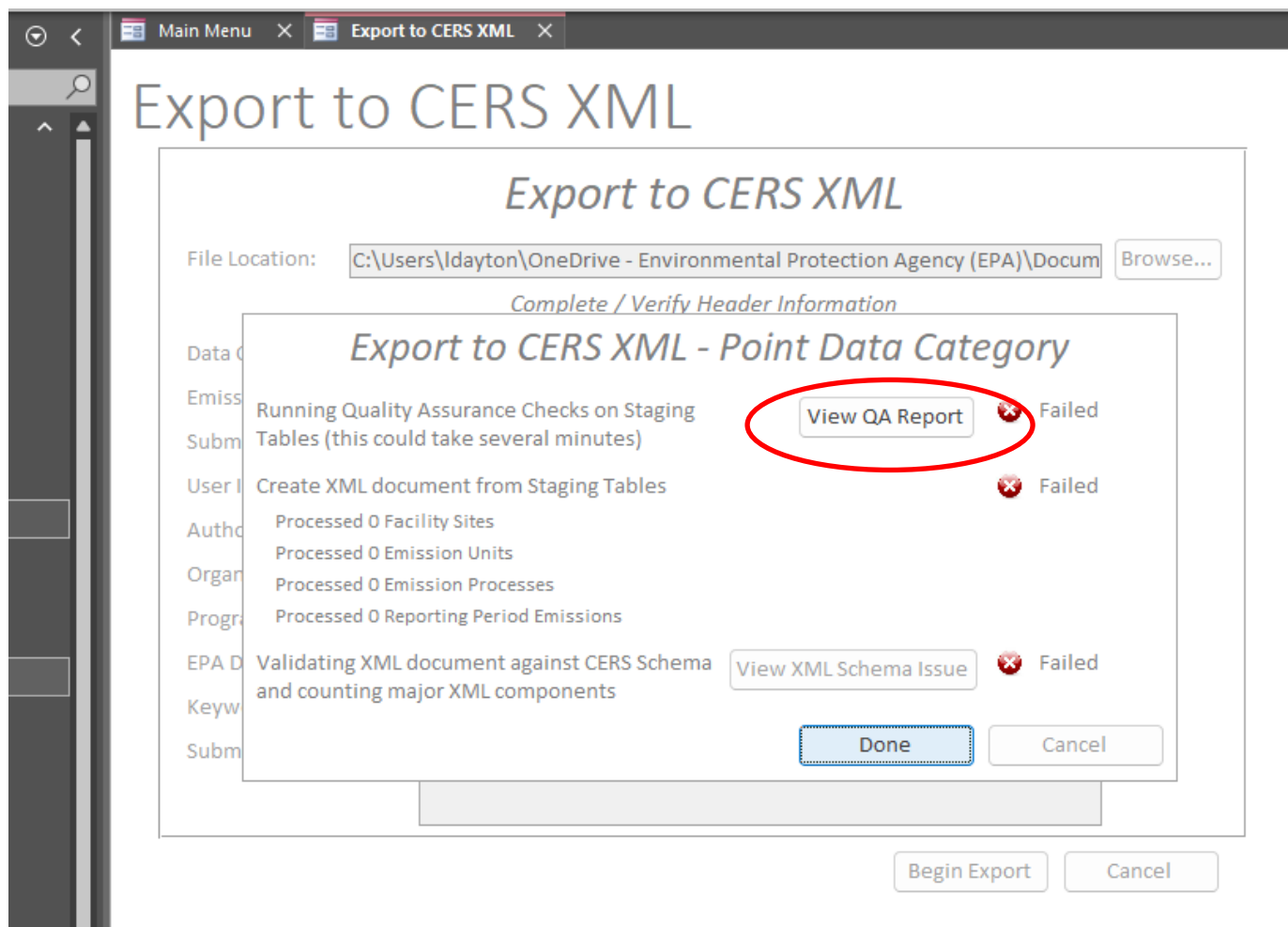
Program System Code – This is a code which has been established in EIS and represents your agency. See “My Agency” in the EIS Gateway

EPA Dataset – For EPA use only

Keywords – Optional

Submission Comments – Optional

QA Report before Export



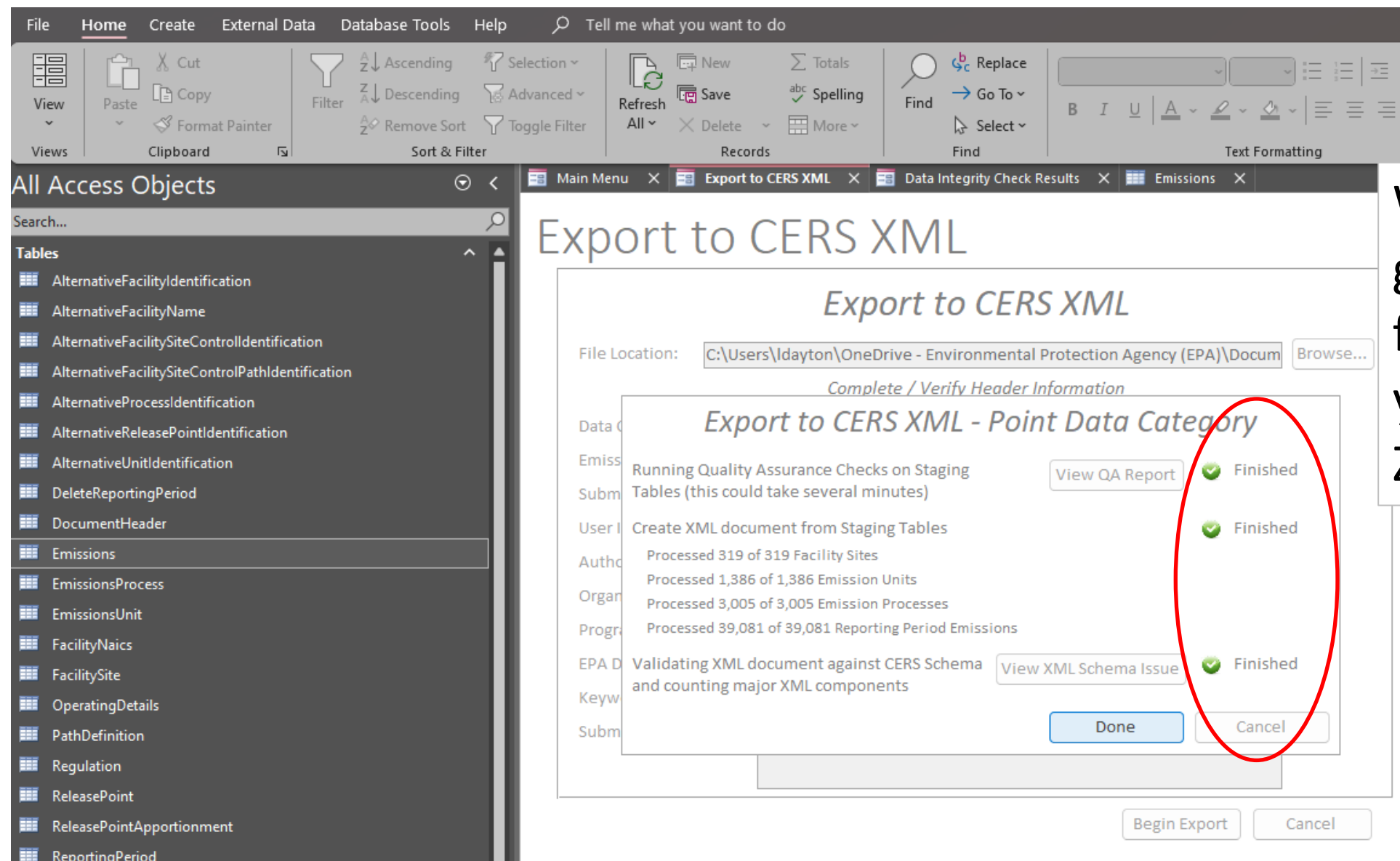
While the export is being done, the Bridge Tool does some very basic QA for duplicates or referential integrity (e.g., a Process record in the Emissions Process table but no corresponding Emissions Unit.)

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”

Cancel

Getting a Finished QA Report



The screenshot shows the EPA software interface with the 'Export to CERS XML' dialog box open. The dialog box has a title bar with 'Main Menu', 'Export to CERS XML', 'Data Integrity Check Results', and 'Emissions'. The main area of the dialog box is titled 'Export to CERS XML' and contains a 'File Location' field with the path 'C:\Users\ldayton\OneDrive - Environmental Protection Agency (EPA)\Docum'. Below this is a section titled 'Complete / Verify Header Information' and 'Export to CERS XML - Point Data Category'. This section contains three rows of status information, each with a green checkmark and the word 'Finished':

Task	Status
Running Quality Assurance Checks on Staging Tables (this could take several minutes)	Finished
Create XML document from Staging Tables	Finished
Validating XML document against CERS Schema and counting major XML components	Finished

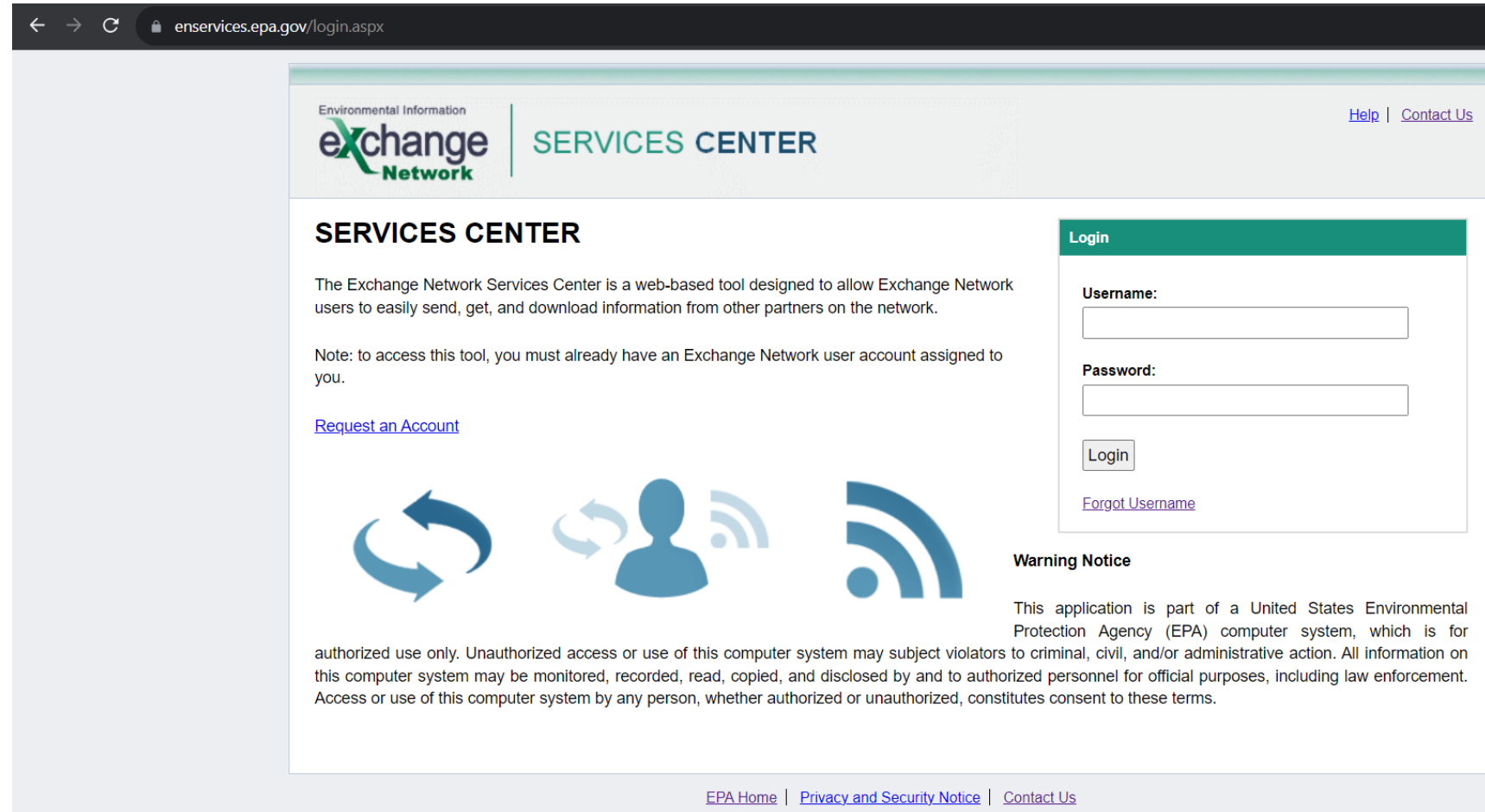
At the bottom of the dialog box are buttons for 'Begin Export' and 'Cancel'.

When you have 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 the "SERVICES CENTER" title, 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 on the right side includes fields for "Username:" and "Password:", a "Login" button, and a "Forgot Username" link. Below the form are three icons: a circular arrow, a person with a signal wave, and a Wi-Fi symbol. A "Warning Notice" section at the bottom right states that the application is part of the EPA computer system and that unauthorized access is prohibited. The footer contains links for "EPA Home", "Privacy and Security Notice", and "Contact Us".

Environmental Information
exchange
Network

SERVICES CENTER

[Help](#) | [Contact Us](#)

SERVICES CENTER

The Exchange Network Services Center is a web-based tool designed to allow Exchange Network users to easily send, get, and download information from other partners on the network.

Note: to access this tool, you must already have an Exchange Network user account assigned to you.

[Request an Account](#)

Login

Username:

Password:

[Forgot Username](#)

Warning Notice

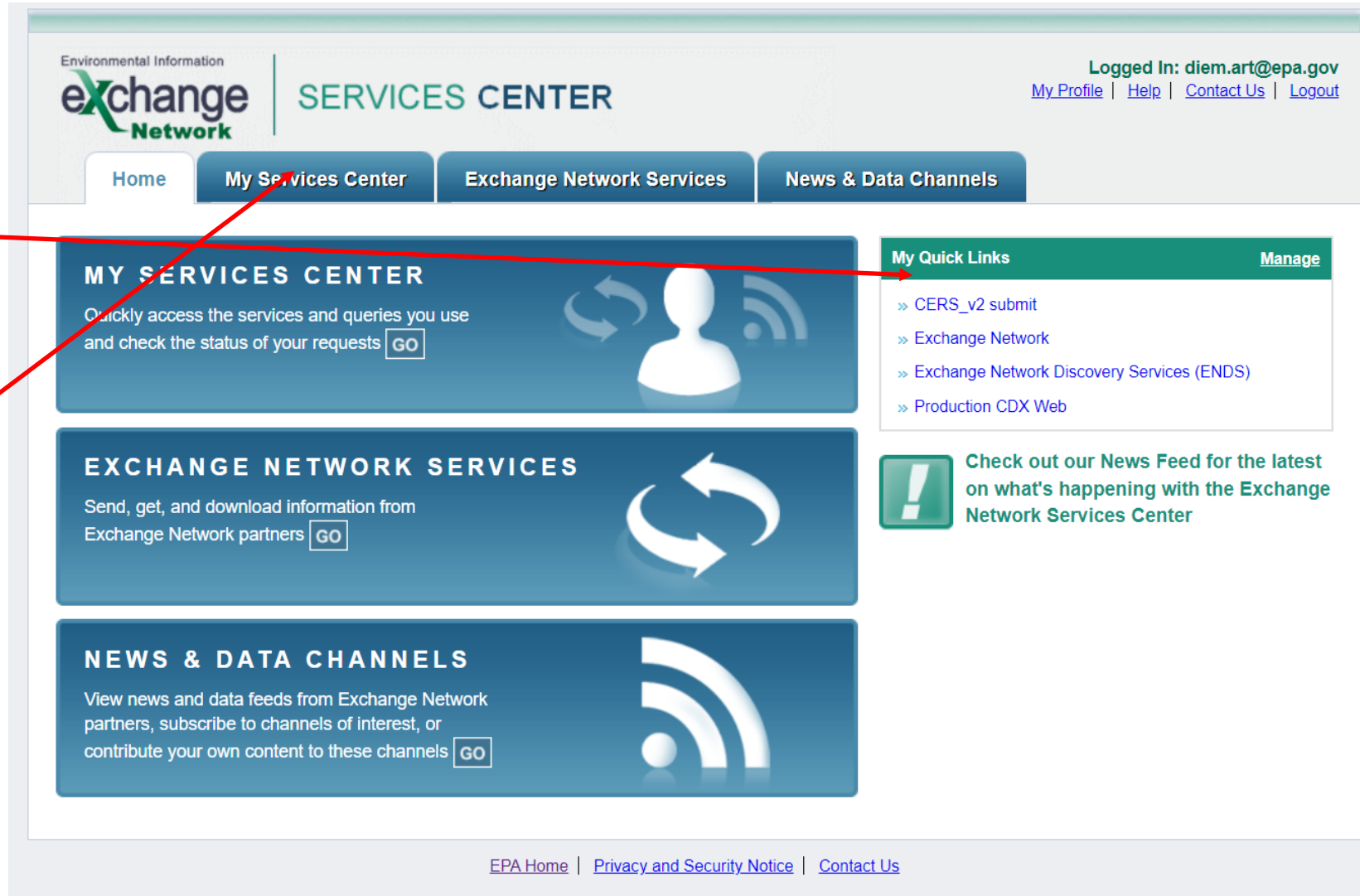
This application is part of a United States Environmental Protection Agency (EPA) computer system, which is for authorized use only. Unauthorized access or use of this computer system may subject violators to criminal, civil, and/or administrative action. All information on this computer system may be monitored, recorded, read, copied, and disclosed by and to authorized personnel for official purposes, including law enforcement. Access or use of this computer system by any person, whether authorized or unauthorized, constitutes consent to these terms.

[EPA Home](#) | [Privacy and Security Notice](#) | [Contact Us](#)

EIS Submit

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

Otherwise, click on My
Services Center Tab



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 SERVICES CENTER
Quickly access the services and queries you use and check the status of your requests [GO](#)

EXCHANGE NETWORK SERVICES
Send, get, and download information from Exchange Network partners [GO](#)

NEWS & DATA CHANNELS
View news and data feeds from Exchange Network partners, subscribe to channels of interest, or contribute your own content to these channels [GO](#)

My Quick Links [Manage](#)

- » [CERS_v2 submit](#)
- » [Exchange Network](#)
- » [Exchange Network Discovery Services \(ENDS\)](#)
- » [Production CDX Web](#)

 Check out our News Feed for the latest on what's happening with the Exchange Network Services Center

[EPA Home](#) | [Privacy and Security Notice](#) | [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

The screenshot shows the EPA Exchange Network Services Center interface. The user is logged in as **diem.art@epa.gov**. The main navigation bar includes links for Home, My Services Center, Exchange Network Services, and News & Data Channels. The 'My Services' section is active, displaying a list of services. The 'Send Info' tab is selected, and the search results for 'EIS Submit' are shown. A red circle highlights the 'Find' button, and a red arrow points to the 'EIS Submit' service name in the search results.

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](#)

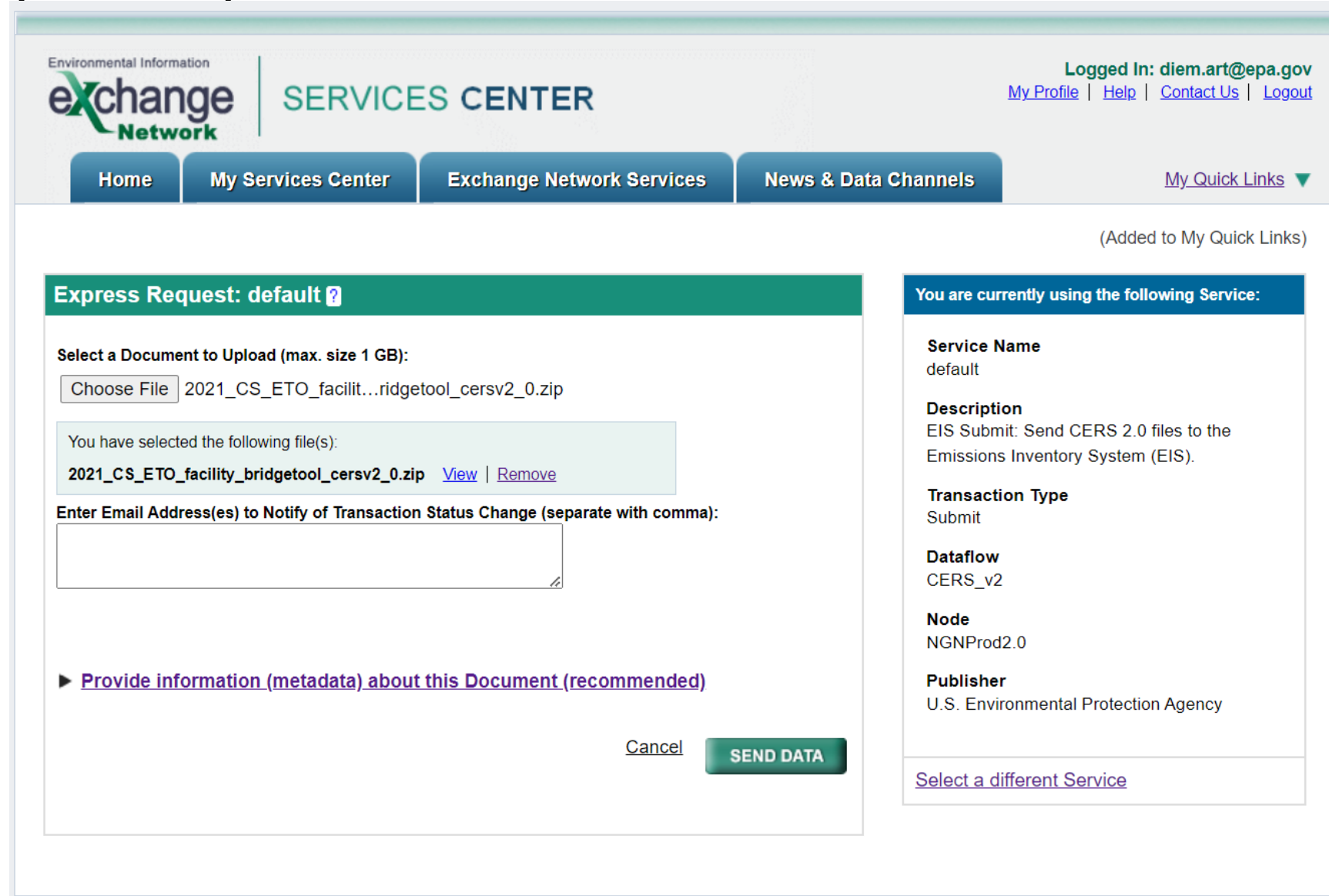
☐ All
 ☒ **Send Info**
☐ Get Info
 ☐ Download
 ☐ Execute
 ☐ My Queries

Find a Service: ☒ My Services ☐ ~~Services Directory~~

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 header with the EPA logo and the text "Environmental Information exchange Network SERVICES CENTER". On the right, it says "Logged In: diem.art@epa.gov" with links for "My Profile", "Help", "Contact Us", and "Logout". Below the header is a navigation bar with buttons for "Home", "My Services Center", "Exchange Network Services", and "News & Data Channels". A "My Quick Links" dropdown menu is also visible.

The main content area is titled "Express Request: default". It contains a section for "Select a Document to Upload (max. size 1 GB):" with a "Choose File" button and a file selection box showing "2021_CS_ETO_facilit...ridgetool_cersv2_0.zip". Below this, a message states "You have selected the following file(s):" followed by "2021_CS_ETO_facility_bridgetool_cersv2_0.zip" with "View" and "Remove" links.

There is a section for "Enter Email Address(es) to Notify of Transaction Status Change (separate with comma):" with an empty text input field.

At the bottom of the form, there is a link: "► Provide information (metadata) about this Document (recommended)".

On the right side of the form, there is a sidebar titled "You are currently using the following Service:". It lists 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

At the bottom of the sidebar, there is a link: "Select a different Service".

At the bottom of the main form, there are two buttons: "Cancel" and "SEND DATA".

Confirmation Page

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

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”

The screenshot shows the EPA Exchange Network Services Center interface. The user is logged in as diem.art@epa.gov. The main navigation bar includes links for Home, My Services Center, Exchange Network Services, and News & Data Channels. The 'My EPA Activity' section is active, displaying a table of transactions. The table has columns for Service Name, Dataflow Name, Transaction Status, Transaction Type, Date, Transaction ID, and Documents. A single transaction is listed with the status 'PROCESSING' and a transaction ID of 9e03a7d4-8821-4687-a0f9-65fab934d18a.

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

Questions About Point Inventory Submission Process?



4c. EIS QA Checks & Feedback Reports, and Data Completeness Reports

EIS User Guide Links:

<https://eis.epa.gov/userguide/ETL/CERS/cers-schema.html>

<https://eis.epa.gov/userguide/Gateway/Reports/FeedbackReports.html>

<https://eis.epa.gov/userguide/Gateway/Reports/DataCompletenessReports/PointEmissionsDataCompleteness.html>

View EIS Feedback Report

- Either click link in email if “COMPLETED” or
- Log in to EIS and use left navigation to locate Feedback Reports
- Download your report and view in Excel (ignore warning about file format and extension not matching)
- To request help from EPA with a QA Feedback report, click the “Request Assistance” link to create a support request.

CURRENT AGENCY

Agency Description: Hawaii Department of Health Clean Air Branch
 Agency Type: State
 ETL Process Group: 3

Agency Responsibilities	Agency Members	Program System Codes	Allow Access	Feedback Reports	Nonpoint Survey	Input Templates
-------------------------	----------------	----------------------	--------------	------------------	-----------------	-----------------

SUBMISSION HISTORY

Show entries

N/A	Search cdx tracking #	Search status	Search submitter	Search data category	Search type	Search inventory
CDX Tracking #		Status	Submitter	Data Category	Type	Inventory Year
	_3e309b82-a4eb-4359-8380-0102d6562a16	COMPLETED	Clayton Takamoto	Point	PRODUCTION	2023
	_fa65474c-1e4c-4929-ab2a-2a37244cf539	COMPLETED	Clayton Takamoto	Facility Inventory	PRODUCTION	2023
	_38f04e7b-97d0-4df2-ab17-9e76ad0c42d5	COMPLETED	Clayton Takamoto	Facility Inventory	PRODUCTION	2023
	_303a331d-04f5-46dc-b824-b33bd302293f	PURGED	Clayton Takamoto	Point	QA	2023
	_ed1b5662-499d-43f2-a8b0-2dd341d62e78	PURGED	Clayton Takamoto	Facility Inventory	QA	2023

Inventory	QA	2023	2025/01/16 04:42:14 PM
Inventory	QA	2023	2025/01/16 02:35:14 PM
Inventory	QA	2023	2025/01/16 02:17:15 PM Request Assistance
Inventory	QA	2023	2025/01/15 10:23:14 PM Request Assistance
Inventory	QA	2023	2025/01/15 09:52:20 PM

The 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 Emissions submission*
 - *If release point coordinates are correct but result in Critical Error 595 (outside of tolerance of locked facility coordinates), please submit a support request in EIS for assistance.*
- Check and resolve any potential duplicate facilities (use support requests!)
- ★ 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

Feedback Report – Correcting Errors



The EIS User Guide, Reporting Code Tables, and Facility/Point Staging Requirements files are a great resource for understanding critical errors and how to correct them.



The EIS User Guide provides the Schema and critical checks that apply.



Reporting Code Tables list active codes and can be used as a reference for what EIS will accept.



The Facility and Point Staging Requirements files lay out required and conditionally required fields for submissions.

Show 10 entries

 Search check ID Search check name Search check type Search error level Search check description Search error message Search resolution message Search data categories Search component

Check ID	Check Name	Check Type	Error Level	Check Description	Error Message	Resolution Message	Data Categories	Component
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](#)

EIS Reporting Code Tables

REFERENCE DATA

» Reporting Code Tables

» Augmentation Profile
Information

» QA Checks

» Inventory Cycle Management

» Software and Tools

Reporting Code Tables

Show **10** 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

First Previous 1 2 3 4 5 6 7 Next Last

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Pollutant Codes

Status:

- All,
- Active,
- Retired

Pollutant Code																
Description: The code for the pollutant which is controlled by the control measure.																
Show 10 entries																
Search pollutant Search description Search pollutant Search hap Search pollutant category Search last inventory Search map to Search standard Search default Search pollutant synonym Search EPA COMPTOX Substance ID Search SRS Internal Tracking Number Search carcinogenic Search chronic Search chronic noncancer Search chronic noncancer target organ Search pollutant comment Search last updated																
Pollutant Code	Description	Pollutant Type	HAP Type	Pollutant Category	Last Inventory Year	Map To	Standard Unit of Measure	Default Fac. Max Ann. Emission	Pollutant Synonym	EPA COMPTOX Substance ID	SRS Internal Tracking Number	Carcinogenic Inhalation Unit Risk (IUR) (per µg/m3)	Chronic Noncancer Inhalation Reference Concentration (RfC) (mg/m3)	Chronic Noncancer Target Organ	Pollutant Comment	Last Updated Date
100027	4-Nitrophenol	HAP	HAP-VOC	4-Nitrophenol			LB	100	p-Nitrophenol	DTXSID0021834	19117					2025-06-27
1002671	Diethylene Glycol Ethyl Methyl Ether	HAP	HAP-VOC	Glycol Ethers			LB				524671930					2025-03-03
10028156	Ozone	Other		Ozone			TON				166678					2025-03-03
100414	Ethyl Benzene	HAP	HAP-VOC	Ethylbenzene			LB	5000	Ethylbenzene		19406					2025-03-03
100425	Styrene	HAP	HAP-VOC	Styrene			LB	100000			19414					2025-03-03
10043660	Iodine 131	HAP		Radionuclides (Including Radon)			LB		Iodine-131		650515					2025-03-03
100447	Benzyl Chloride	HAP	HAP-VOC	Benzyl Chloride			LB	1000			19430					2025-03-03
10049044	Chlorine Dioxide	Other		Chlorine Dioxide			LB				167296				nonHAP air toxic (IRIS RfC = 2E-4 mg/m3)	2025-03-03
101144	4,4'-Methylenebis(2-Chloroaniline)	HAP	HAP-VOC	4,4'-Methylenebis(2-Chloroaniline)			LB	100	4,4'-Methylenebis(2-chloroaniline)		19943					2025-03-03
10137969	Ethyleneglycol Mono-2-Methylpentyl Ether	HAP	HAP-VOC	Glycol Ethers			LB		Ethylene glycol mono-2-methylpentyl ether		524672003					2025-03-03
Showing 1 to 10 of 749 entries (filtered from 872 total entries)																
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First Previous 1 2 3 4 5 ... 75 Next Last																

Recent updates to EIS Pollutant Code Table

- New Fields:
 - *Pollutant Synonym* {currently populated 85 active pollutants}
 - *EPA COMPTOX Substance ID* { currently populated with live links for 728 active pollutant}
 - *SRS Internal Tracking Number* {currently populated with live links for 728 active pollutants}
 - Chronic Health Benchmarks (in most recent edition of [HEM](#))
 - *Carcinogenic Inhalation Unit Risk (IUR)* (per $\mu\text{g}/\text{m}^3$)
 - *Chronic Noncancer Inhalation Reference Concentration (RfC)* (mg/m³)
 - *Chronic Noncancer Target Organ*
 - *Pollutant Comment* {currently populated for 36 active pollutants and 2 pollutants having a last inventory year of 2005}

Recent updates to EIS Pollutant Code Table

- New (voluntary) pollutants (since October 2024):
 - 25 HAP pollutants: PCBs (23), PAH (1), 2,4-D (1)
 - 73 PFAS & PFAS related pollutants (either on the [TRI Chemical List](#) or a targeted analyte in [test method OTM-45](#) or [OTM-50](#))
- Updated other fields for 33 existing pollutants:
 - Updated *Default Fac. Max Ann. Emission* threshold for 23 active pollutants:
 - 21 HAP pollutants (18 dioxins/furans, 2 glycol ethers, mercury)
 - Pollutant Code 7783064 (Hydrogen Sulfide) from 10,000 LB to 15,000 LB
 - Pollutant Code 143372547 (PFAS) from no threshold to 500 LB
 - Updated *Pollutant Category Name* for 5 PM Species from (EC/OC to PM Species)
 - Updated *Pollutant Type* (from HAP to Other) for 2 retired pollutants (Butyl Cellosolve and Methyl Ethyl Ketone)
 - Updated the *Pollutant Code* for 2,4-D triisopropanolammonium salt. The Chemical Abstract Service updated the CAS Number from 32341-80-3 to 18584-79-7. For the retired pollutant, we updated the Last Inventory year with 2018 and updated the Map To field with the new pollutant code.
 - Separated combined PCB-156/157 into separate compounds (PCB-156 and PCB-157)
 - Added a hyphen in the *Pollutant Name* for 2,3',4,4',5-Pentachlorobiphenyl (PCB-118)
- Updated the field name *Default Fac. Max Ann. Emission* (was *Default Max*)

Pollutant Code Highlights – Chromium Compounds

Show entries

Status: **All**

Search pollutant code Search description Search pollutant type Search hap type chromium Search last inventory Search standard unit of measure Search default maximum Search last updated

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 CrO_3
 - 52/118 mass of CrH_2O_4
- Report either:
 - Chromium (VI) (18540299) and Chromium III (16065831) or
 - Chromium (7440473) (EIS will split into hexavalent and trivalent via Chromium Speciation Profiles)

Horizontal Reference Datum Code

Horizontal Reference Datum Code

Description: The code that represents the reference datum used in determining latitude and longitude coordinates. See www.epa.gov/oei/ for more information on the proper usage of this code set.

Filter By:

Show entries

Horizontal Reference Datum Code	Description	Last Updated Date	Last Inventory Year
001	North American Datum of 1927	2025-06-17	2023
002	North American Datum of 1983	2008-10-02	
003	World Geodetic System of 1984	2025-01-28	

Showing 1 to 3 of 3 entries

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NAD 1927 is retired

Horizontal Reference Datum Code is a required field when submitting coordinates.

Tools to convert NAD27 to NAD83 or WGS84:

- ArcGIS
- NGS Coordinate Conversion and Transformation Tool (NCAT)
 - <https://geodesy.noaa.gov/NCAT/>
 - Includes webservice
- Geolocate (e.g., ArcGIS, Google Earth) and provide a new set of coordinates

Source Classification Codes

Source Classification Code List

Name: Source Classification Code - EIS

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

Show **10** entries

Data category: **Point** Status: **All**

Search data category Search code Search scc level one Search scc level two Search scc level three Search scc level four Search map to Search last inventory Search option group Search

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)

First Previous 1 2 3 4 5 ... 942 Next Last

For information and helpful search features on SCCs visit <https://sor-scc-api.epa.gov/sccwebservices/sccsearch/>

Release Point Types

Code Table List View

Name: Release Point Type Code

Description: Code that identifies the type of release point.

Filter By: Active ▾ Filter

Show 25 ▾ entries

Search release point type code	Search description	Search release point category	Search caer release point type	Search last updated date
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

Control Codes

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

Search control measure code	Search description	Search pollutant type(s)	Search last updated date
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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[3](#)
[4](#)
[5](#)
[...](#)
[13](#)
[Next](#)
[Last](#)

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Unit Types

Code Table List View

Name: Unit Type Code

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

Show **10** entries

Search unit type code	Search description	Search unit group	Search epa note	Search last updated date
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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Emission Calculation Method Codes

Code Table List View

Name: Emission Calculation Method Code

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

Show **10** entries

Search emission calculation method code Search description Search notes Search last updated date

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

Showing 1 to 10 of 23 entries

First Previous 1 2 3 Next Last

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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

Download Results: CSV

First Previous 1 Next Last

Potential duplicate facilities resemble a facility already existing. EIS looks at facility name, address, NAICs, and latitude/longitude coordinates to determine if a record should be flagged.

The record is not accepted into EIS until the issue is resolved!!

You will need to make a request (see next slide) to:

- Add as new facility,
- Merge with an existing facility, or
- Delete from facility inventory.

Potential Duplicate Facility Pair Details

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)
<i>i</i> State and County FIPS Code	37027 (Caldwell, North Carolina)	37027 (Caldwell, North Carolina)
Tribal Code		
State and Country FIPS		
<i>i</i> Facility Name	Thomasville Furniture Industries Inc - Lenoir Plt	Thomasville Furniture Industries Inc - Lenoir Plt
Facility Description	Automotive Parts	Wood Furniture
Company Name	Na	Na
<i>i</i> 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
<i>i</i> Zip Code	28645	28645
EIS Comment		
<i>i</i> Latitude	35.88299	35.93339
<i>i</i> 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](#)

To resolve the potential duplicate, choose from one of these options to create a support request notifying EPA of how to handle the facility.

EPA will review the request and accept or reach out for more information.

Point Emissions Data Completeness Reports

Point Emissions

Data Completeness Report

The number of CAPs reported
in your submission(s)

▼ Agency

Agency Description: Hawaii Department of Health Clean Air Branch

Inventory Year: 2023

Data Last Updated 2025-08-19 03:00:00 AM
(Updated Every 24 hours):

Show 10 entries

Search eis fac Search facility name Search state Search agency Search required Search required Search reported Search reported Search outlier Search required Search req'd capsmi Search expected Search exp'd hapsm N/A Search operating Search operating Search primary Search facility source

EIS Facility ID	Facility Name	State and County Code	Agency ID	Required Reporting Frequency	Required?	Reported CAPs	Reported HAPs	Outlier Count	Required CAPs	Req'd CAPs Missing/Outlier	Expected HAPs	Exp'd HAPs Missing/Outlier	View Emissions	Operating Status	Operating Status Year	Primary NAICS Code	Facility Source Type
1819511	Ball Metal Beverage Container Corporation	15003	00075	Every 3rd Year	Yes	11	3	1	1	0	1	1		OP	2008	332431	
8354011	AES Hawaii, LLC	15003	00101	Every 3rd Year	No	0	0	0	0	0	0	0		PS	2023	221112	Electricity Generation via Combustion
7320911	HECO - Waiau Power Plant	15003	00502	Every Year	Yes	11	0	0	7	0	0	0		OP	2009	221112	Electricity Generation via Combustion
7429511	HECO - Kahe Power Plant	15003	00501	Every Year	Yes	11	0	0	9	0	1	1		OP	2009	221112	Electricity Generation via Combustion
7429411	Conoco Honolulu Terminal	15003	00506	Not Required	No	0	0	0	0	0	0	0		PS	2006	424710	Petroleum Storage Facility
7429311	Honolulu Terminal Marine (IES Downstream, LLC)	15003	00052	Every 3rd Year	Yes	1	0	0	1	0	0	0		OP	2008	424710	Petroleum Storage Facility
7429211	HELCO - Puna Power Plant	15001	00021	Every 3rd Year	Yes	11	0	0	3	0	0	0		OP	2008	221112	Electricity Generation via Combustion
7429111	HELCO - Kanoelehua Power Plant/ HILL	15001	00014	Every 3rd Year	Yes	11	0	0	3	0	0	0		OP	2009	221112	Electricity Generation via Combustion
7429011	MECO - Maalaea Generating Station	15009	00500	Every Year	Yes	11	0	0	6	0	0	0		OP	2009	221112	Electricity Generation via Combustion
3979711	Peppeko Power Plant	15001	00022	Not Required	No	0	0	0	0	0	0	0		TS	2011	221112	Electricity Generation via Combustion

Showing 1 to 10 of 45 entries

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Point Emissions Data Completeness Reports

Point Emissions Data Completeness

Data Completeness Report » Point Emissions Data Completeness

▼ Agency

Agency Description: Hawaii Department of Health Clean Air Branch

Inventory Year: 2023

Data Last Updated 2025-08-19 03:00:00 AM
(Updated Every 24 hours):

Show 10 entries

Search eis fac Search facility name Search state Search agency Search required Search required Search reported Search reported Search outlier Search required Search req'd capsmi Search expected Search exp'd hapsm N/A Search operati Search operati Search prima Search facility sourc

EIS Facility ID	Facility Name	State and County Code	Agency ID	Required Reporting Frequency	Required?	Reported CAPs	Reported HAPs	Outlier Count	Required CAPs	Req'd CAPs Missing/Outlier	Expected HAPs	Exp'd HAPs Missing/Outlier	View Emissions	Operating Status	Operating Status Year	Primary NAICS Code	Facility Source Type
1819511	Ball Metal Beverage Container Corporation	15003	00075	Every 3rd Year	Yes	11	3	1	1	0	1	1		OP	2008	332431	
8354011	AES Hawaii, LLC	15003	00101	Every 3rd Year	No	0	0	0	0	0	0	0		PS	2023	221112	Electricity Generation via Combustion
7320911	HECO - Waiau Power Plant	15003	00502	Every Year	Yes	11	0	0	7	0	0	0		OP	2009	221112	Electricity Generation via Combustion
7429511	HECO - Kahe Power Plant	15003	00501	Every Year	Yes	11	0	0	9	0	1	1		OP	2009	221112	Electricity Generation via Combustion
7429411	Conoco Honolulu Terminal	15003	00506	Not Required	No	0	0	0	0	0	0	0		PS	2006	424710	Petroleum Storage Facility
7429311	Honolulu Terminal Marine (IES Downstream, LLC)	15003	00052	Every 3rd Year	Yes	1	0	0	1	0	0	0		OP	2008	424710	Petroleum Storage Facility
7429211	HELCO - Puna Power Plant	15001	00021	Every 3rd Year	Yes	11	0	0	3	0	0	0		OP	2008	221112	Electricity Generation via Combustion
7429111	HELCO - Kanoelehua Power Plant/ HILL	15001	00014	Every 3rd Year	Yes	11	0	0	3	0	0	0		OP	2009	221112	Electricity Generation via Combustion
7429011	MECO - Maalaea Generating Station	15009	00500	Every Year	Yes	11	0	0	6	0	0	0		OP	2009	221112	Electricity Generation via Combustion
3979711	Pepee Power Plant	15001	00022	Not Required	No	0	0	0	0	0	0	0		TS	2011	221112	Electricity Generation via Combustion

Showing 1 to 10 of 45 entries

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First Previous 1 2 3 4 5 Next Last

The number of HAPs reported in your submission(s)

Point Emissions Data Completeness Reports

The number of outliers for the facility's submitted pollutants (based on Facility Expected Pollutants and/or National Min/Max Thresholds)

Point Emissions Data Completeness Detail Report

Data Completeness Report » Point Emissions Data Completeness Summary

▼ Agency

Agency Description: Hawaii Department of Health

Inventory Year: 2023

Data Last Updated 2025-08-19 03:00:00 AM
(Updated Every 24 hours):

Show 10 entries

Search eis fac Search facility name Search state Search agency Search required Search required Search reported Search reported Search outlier Search required Search required Search expected Search expected N/A Search operating Search operating Search primary Search facility source

EIS Facility ID	Facility Name	State and County Code	Agency ID	Required Reporting Frequency	Required?	Reported CAPs	Reported HAPs	Outlier Count	Required CAPs	Req'd CAPs Missing/Outlier	Expected HAPs	Exp'd HAPs Missing/Outlier	View Emissions	Operating Status	Operating Status Year	Primary NAICS Code	Facility Source Type
1819511	Ball Metal Beverage Container Corporation	15003	00075	Every 3rd Year	Yes	11	3	1	1	0	1	1		OP	2008	332431	
8354011	AES Hawaii, LLC	15003	00101	Every 3rd Year	No	0	0	0	0	0	0	0		PS	2023	221112	Electricity Generation via Combustion
7320911	HECO - Waiau Power Plant	15003	00502	Every Year	Yes	11	0	0	7	0	0	0		OP	2009	221112	Electricity Generation via Combustion
7429511	HECO - Kahe Power Plant	15003	00501	Every Year	Yes	11	0	0	9	0	1	1		OP	2009	221112	Electricity Generation via Combustion
7429411	Conoco Honolulu Terminal	15003	00506	Not Required	No	0	0	0	0	0	0	0		PS	2006	424710	Petroleum Storage Facility
7429311	Honolulu Terminal Marine (IES Downstream, LLC)	15003	00052	Every 3rd Year	Yes	1	0	0	1	0	0	0		OP	2008	424710	Petroleum Storage Facility
7429211	HELCO - Puna Power Plant	15001	00021	Every 3rd Year	Yes	11	0	0	3	0	0	0		OP	2008	221112	Electricity Generation via Combustion
7429111	HELCO - Kanoolehua Power Plant/ HILL	15001	00014	Every 3rd Year	Yes	11	0	0	3	0	0	0		OP	2009	221112	Electricity Generation via Combustion
7429011	MECO - Maalaea Generating Station	15009	00500	Every Year	Yes	11	0	0	6	0	0	0		OP	2009	221112	Electricity Generation via Combustion
3979711	Pepee Power Plant	15001	00022	Not Required	No	0	0	0	0	0	0	0		TS	2011	221112	Electricity Generation via Combustion

Showing 1 to 10 of 45 entries

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Point Emissions Data Completeness Reports

Point Emissions Data Completeness Detail Report

[Data Completeness Report](#) » [Point Emissions Data Completeness Summary Report](#)

▼ Agency

Agency Description: Hawaii Department of Health Clean Air Branch

Inventory Year: 2023 ▼

Data Last Updated 2025-08-19 03:00:00 AM
(Updated Every 24 hours):

Show 10 ▼ entries

[Search eis fac](#) [Search facility name](#) [Search state](#) [Search agency](#) [Search required](#) [Search required](#) [Search reports](#) [Search reports](#) [Search outliers](#) [Search required](#) [Search req'd capm](#) [Search expected](#) [Search exp'd hapsm](#) [N/A](#) [Search operati](#) [Search operati](#) [Search prima](#) [Search facility sourc](#)

EIS Facility ID ▼	Facility Name ▼	State and County Code ▼	Agency ID ▼	Required Reporting Frequency ▼	Required? ▼	Reported CAPs ▼	Reported HAPs ▼	Outlier Count ▼	Required CAPs ▼	Req'd CAPs Missing/Outlier ▼	Expected HAPs ▼	Exp'd HAPs Missing/Outlier ▼	View Emissions	Operating Status ▼	Operating Status Year ▼	Primary NAICS Code ▼	Facility Source Type ▼
1819511	Ball Metal Beverage Container Corporation	15003	00075	Every 3rd Year	Yes	11	3	1	1	0	1	1		OP	2008	332431	
8354011	AES Hawaii, LLC	15003	00101	Every 3rd Year	No	0	0	0	0	0	0	0		PS	2023	221112	Electricity Generation via Combustion
7320911	HECO - Waiau Power Plant	15003	00502	Every Year	Yes	11	0	0	7	0	0	0		OP	2009	221112	Electricity Generation via Combustion
7429511	HECO - Kahe Power Plant	15003	00501	Every Year	Yes	11	0	0	9	0	1	1		OP	2009	221112	Electricity Generation via Combustion
7429411	Conoco Honolulu Terminal	15003	00506	Not Required	No	0	0	0	0	0	0	0		PS	2006	424710	Petroleum Storage Facility
7429311	Honolulu Terminal Marine (IES Downstream, LLC)	15003	00052	Every 3rd Year	Yes	1	0	0	1	0	0	0		OP	2008	424710	Petroleum Storage Facility
7429211	HELCO - Puna Power Plant	15001	00021	Every 3rd Year	Yes	11	0	0	3	0	0	0		OP	2008	221112	Electricity Generation via Combustion
7429111	HELCO - Kanoelehua Power Plant/ HILL	15001	00014	Every 3rd Year	Yes	11	0	0	3	0	0	0		OP	2009	221112	Electricity Generation via Combustion
7429011	MECO - Maalaea Generating Station	15009	00500	Every Year	Yes	11	0	0	6	0	0	0		OP	2009	221112	Electricity Generation via Combustion
3979711	Pepee Power Plant	15001	00022	Not Required	No	0	0	0	0	0	0	0		TS	2011	221112	Electricity Generation via Combustion

Showing 1 to 10 of 45 entries

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First Previous 1 2 3 4 5 Next Last

Striving for 0 in all outlier columns, for all facilities!

Point Emissions Data Completeness Reports

Point Emissions Data Completeness Detail Report

[Data Completeness Report](#) » [Point Emissions Data Completeness Summary Report](#)

▼ Agency

Agency D
Inve

Clicking on the Facility ID link
opens the Facility Site Details Page

Clicking on the image of a blue
graph with a magnifying glass
opens up a pop-up window to
view Facility Emissions

Data Last Updated 2025-08-19 03:00:00 AM
(Updated Every 24 hours):

Show 10 entries

[Search eis fac](#) [Search facility name](#) [Search state](#) [Search agency](#) [Search required](#) [Search required](#) [Search reports](#) [Search reports](#) [Search outline](#) [Search required](#) [Search req'd caps](#) [Search reports](#) [Search exp'd haps](#) [N/A](#) [Search operati](#) [Search operati](#) [Search prima](#) [Search facility sourc](#)

EIS Facility ID	Facility Name	State and County Code	Agency ID	Required Reporting Frequency	Required?	Reported CAPs	Reported HAPs	Outlier Count	Required CAPs	Req'd CAPs Missing/Outlier	Expected HAPs	Exp'd HAPs Missing/Outlier	View Emissions	Operating Status	Operating Status Year	Primary NAICS Code	Facility Source Type
1819511	Ball Metal Beverage Container Corporation	15003	00075	Every 3rd Year	Yes	11	3	1	1	0	1	1		OP	2008	332431	
8354011	AES Hawaii, LLC	15003	00101	Every 3rd Year	No	0	0	0	0	0	0	0		PS	2023	221112	Electricity Generation via Combustion
7320911	HECO - Waiau Power Plant	15003	00502	Every Year	Yes	11	0	0	7	0	0	0		OP	2009	221112	Electricity Generation via Combustion
7429511	HECO - Kahe Power Plant	15003	00501	Every Year	Yes	11	0	0	9	0	1	1		OP	2009	221112	Electricity Generation via Combustion
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3979711	Pepee Power Plant	15001	00022	Not Required	No	0	0	0	0	0	0	0		TS	2011	221112	Electricity Generation via Combustion

Showing 1 to 10 of 45 entries

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Point Emissions Data Completeness Reports

Point Emissions Data Co

Data Completeness Report » Point E

Agency

Agency Inv

Show 10 entries

EIS Facility ID

Facility Name

1819511	Ball Metal Beverage Container Corporation
8354011	AES Hawaii, LLC
7320911	HECO - Waiau Power Plant
7429511	HECO - Kahe Power Plant
7429411	Conoco Honolulu Terminal
7429311	Honolulu Terminal Marine (IES Downstream, LLC)
7429211	HELCO - Puna Power Plant
7429111	HELCO - Kanoolehua Power Plant/ HILL
7429011	MECO - Maalaea Generating Station
3979711	Pepee Power Plant

Showing 1 to 10 of 45 entries

Download Results: CSV

Facility Emissions

Company Name: Ball Metal Beverage Container Corporation

EIS Facility ID: 1819511

Agency ID: 00075

Submitted emissions

Search pollutant

Search pollutant

Search pollutant cod

Search expected p

Search outlier?

Search emissions

Search units

Search min exp

Search max exp

Search default

Pollutant Type	Pollutant Code	Pollutant Code Description	Expected Pollutant?	Outlier?	Emissions	Units	Min Expected	Max Expected	Default Max Value
HAP	112254	2-(Hexyloxy)Ethanol	Yes	Yes	302.8	LB	862.0	3446.0	1000.0
CAP	VOC	Volatile Organic Compounds	Yes	No	24.47253	TON	14.0	57.0	200.0
CAP	NOX	Nitrogen Oxides	No	No	0.7751655	TON			1000.0
CAP	CO	Carbon Monoxide	No	No	0.651589	TON			1000.0
CAP	PM25-PRI	PM2.5 Primary (Filt + Cond)	No	No	0.05892399	TON			500.0
CAP	PM10-PRI	PM10 Primary (Filt + Cond)	No	No	0.05892399	TON			500.0
CAP	PM-CON	PM Condensable	No	No	0.04419289	TON			500.0
CAP	PM25-FIL	PM2.5 Filterable	No	No	0.014730974	TON			500.0
CAP	PM10-FIL	PM10 Filterable	No	No	0.014730974	TON			500.0
CAP	SO2	Sulfur Dioxide	No	No	0.004651886	TON			1000.0
CAP	NH3	Ammonia	No	No	0.003799039	TON			50.0
HAP	50000	Formaldehyde	No	No	1480.4	LB			50000.0
CAP	7439921	Lead	No	No	0.01435947	LB			500.0
HAP	112345	Diethylene Glycol Monobutyl Ether	No	No	0.0	LB			2000.0

Showing 14 entries

Download Results: CSV

Updated 2025-08-19 03:00:00 AM (hours):

Primary NAICS Code

Facility Source Type

332431	
221112	Electricity Generation via Combustion
221112	Electricity Generation via Combustion
221112	Electricity Generation via Combustion
424710	Petroleum Storage Facility
424710	Petroleum Storage Facility
221112	Electricity Generation via Combustion
221112	Electricity Generation via Combustion
221112	Electricity Generation via Combustion
221112	Electricity Generation via Combustion

1

2

3

4

5

Next

Last

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

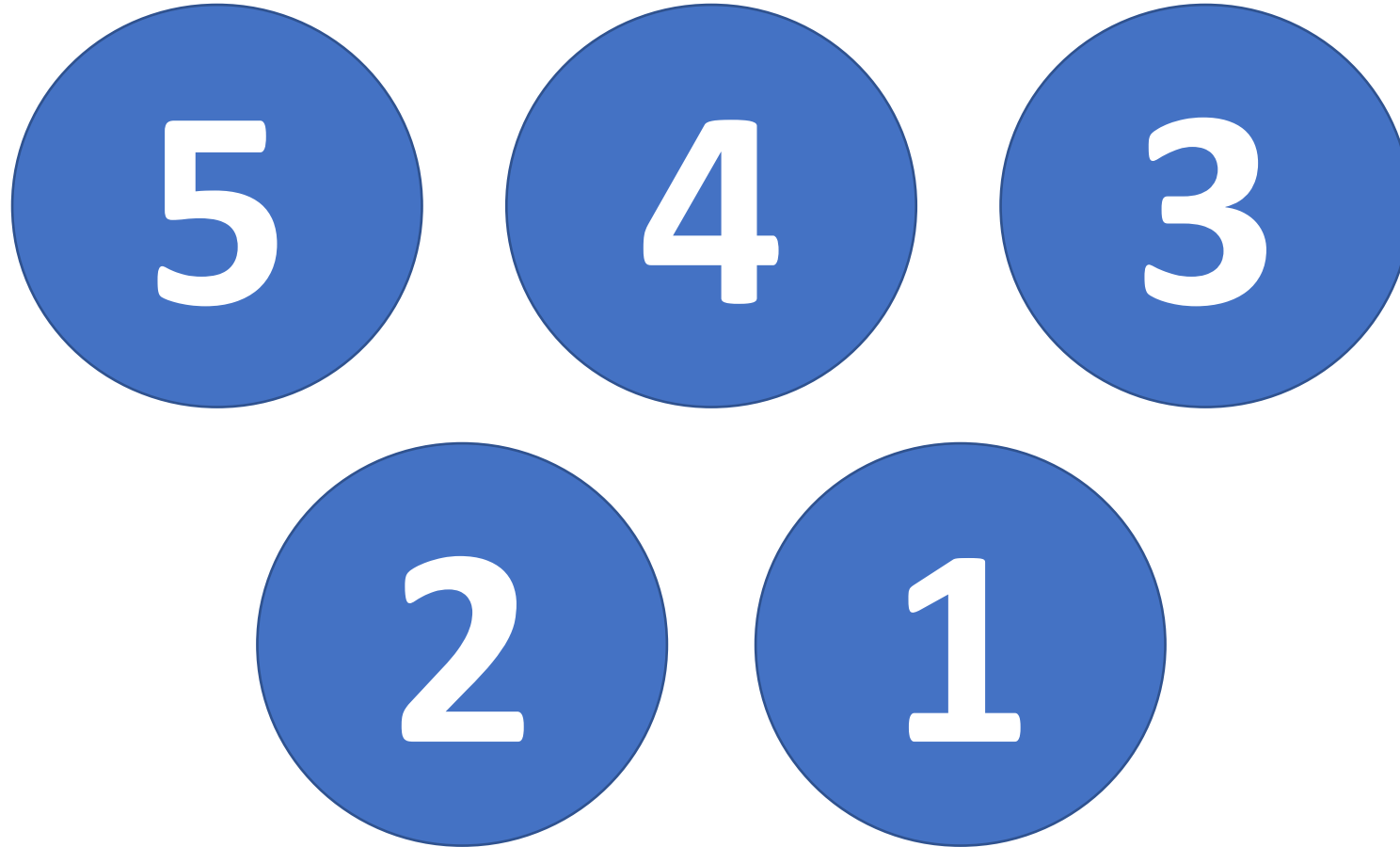
 **Support Category:**

 **Support Request Message:**

Questions About Submission QA and Reports?



Break timer: 5 minutes



Next up: Getting Point Source Information from EIS

5. Getting information from EIS (EIS Reports)

EIS User Guide Link:

<https://eis.epa.gov/userguide/Gateway/Reports/request-reports.html>

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

EIS Reports Available for Point Sources

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

Choosing a subset of facilities in Report Request

- Create a list of EIS Facility IDs and save to CSV file
 - Remember to follow the provided Example File Format
 - 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.

Choose File

No file selected.

Clear

Example File Format:

	A	B
1	EIS Facility ID	
2	504011	
3		

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

Emissions Summary By Facility

- Yellow required:
 - Emissions Dataset(s)
 - At least one pollutant
- Remember:
 - logical “or”s within each section
 - Logical “and”s between each section

Emissions Summaries by Facility

Report Criteria

Data Set	» A Data Set is required. One EPA dataset plus one or more SLT Datasets can be selected.
Pollutants	» At least one pollutant is required.
Geography	» All geographic regions included.
Facility Source Types	» All Facility Source Types included.
Regulation	» All Regulation Included
Sector	» All Sectors Included
SCC	» All SCC Included
Reporting Periods	» Annual
Tagged Data Handling	» Not Tagged and Tagged included
Emissions Operating Type	» Routine
Columns Selected	» State » FIPS State Code » Tribal Name » FIPS Code » County » EIS Facility ID » Program System Code » Agency » Emissions Dataset » Period » Emissions Operating Type » Pollutant Code » Pollutant Desc » Total Emissions » Emissions UOM » D
* Required Columns	» National Maximum

► Data Set

► Pollutants

► Geographic Locations (States, Tribes, Counties, and EPA Regions)

► Facility Source Types

► NAICS

► Sectors

► Source Classifications

► Reporting Periods

► Tagged Data Handling

► Emissions Operating Type

► EIS Facility Identifiers

► Columns

Request Report Clear

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

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

Request Report Clear

★ 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

- For Columns, yellow is required and 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.

Report Downloads

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

REPORTS

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

Reports Available for Download

Show **10** entries

N/A Search report type Search time requested Search time generated Search first name diem N/A

	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	

6. Best Practices

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.

Facility Inventory Submission

Update your Facility inventory *prior* to submitting your Emissions (point) inventory

- First submit Facility Inventory to QA environment
- Check your feedback report and address any EIS critical & protected errors, then re-submit until you get a clear feedback report
- Submit Facility Inventory to Production environment, and check feedback report
- Only then should you do your Point (Emissions) QA and then Production submissions.
- 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 Inventory FAQs

- What do I do if a facility's coordinates are locked and I want to change them? *Submit a support request in EIS!*
- What do I do if the facility coordinate tolerance is too tight and is preventing me from entering a valid release point location? *Submit a support request in EIS!*
- “Duplicate facilities” - don't have to create a new facility if the agency ID changes. *See slides [126](#) and [127](#) on duplicate facilities; and slides [148](#) and [150](#) on assigning a new Agency Facility ID*
- A facility undergoes ownership change. How do I assign the new Agency Facility ID under the existing EIS Facility ID. *See slides [148](#) and [150](#)*

Assigning new Agency IDs – Gateway edit

In the EIS Gateway:

1. Find the facility/unit/process/release point that you want to change the ID
2. Open the “Alternate Identifiers” 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.

Assigning new Agency IDs – XML submission

In XML submission:

1. In the Facility Inventory XML, you always must provide an Identifier element for each part of the

EmissionsUnit	Yes	
FacilitySiteIdentifier	(Yes)	Character (20)
FacilitySiteProgramSystemCode	(Yes)	Character (20)
StateAndCountyFIPSCode	(Yes)	Character (5)
TribalCode	(Yes)	Character (3)
StateAndCountryFIPSCode	(Yes)	Character (5)
UnitIdentifier	(Yes)	Character (20)
UnitProgramSystemCode	(Yes)	Character (20)
EffectiveDate	No	Date (YYYY-MM-DD)
EndDate	No	Date (YYYY-MM-DD)
EISFacilitySiteIdentifier	No	Character (20)
EISEmissionsUnitIdentifier	No	Character (20)
UnitDescription	No	Character (100)
UnitTypeCode	Yes	Character (20)
UnitDesignCapacity	(Yes)	Float (3)

2.

AlternativeUnitIdentification	No	
FacilitySiteIdentifier	(Yes)	Character (20)
FacilitySiteProgramSystemCode	(Yes)	Character (20)
StateAndCountyFIPSCode	(Yes)	Character (5)
TribalCode	(Yes)	Character (3)
StateAndCountryFIPSCode	(Yes)	Character (5)
UnitIdentifier	(Yes)	Character (20)
UnitProgramSystemCode	(Yes)	Character (20)
EISFacilitySiteIdentifier	No	Character (20)
EISEmissionsUnitIdentifier	No	Character (20)
AlternativeUnitIdentifier	(Yes)	Character (80)
AlternativeUnitProgramSystemCode	(Yes)	Character (20)
EffectiveDate	No	Date (YYYY-MM-DD)
EndDate	No	Date (YYYY-MM-DD)

Best Practices: Identifiers & Descriptions

- Uniqueness
 - Agency Facility IDs must be unique within a County & Program System Code
 - Emissions Unit IDs, Control IDs, Control Path IDs, Release Point IDs, must be unique to a Facility
 - Process IDs must be unique to an Emissions Unit
- Facility Names *should* be unique, especially if there are several owned by the same company.
- Populate description fields for facility components (Unit, Process, Release Point, etc.), especially if Agency IDs do not have common characters for related components.

Operating Status Code & Operating Status Code Year

- Operating Status Codes for components: Facility, Emission Unit, Process, Release Point, Control:
 - OP = Operating
 - PS = Permanently Shutdown
 - TS = Temporarily Shutdown
 - **(Facility Only)** ONRE = Operating but State/Local/Tribe Not Reporting Emissions (e.g. facility no longer is required to submit air emissions to Agency, but still submits air release information to the EPA Toxics Release Inventory)
 - **(Facility Only)** ONP = Operating but State/Local/Tribe Reporting Emissions in the Nonpoint Category
- You only need to update the Operating Status Code if the status has changed
- Operating Status Code Year is *required* for any Operating Status other than OP
- Operating Status Code Year is *not required* for “Operating” Operating Status Code
- Facility Operating Status “ONRE” and “ONP” have the same result in the Data Completeness Reports and do not include these facilities for an inventory year on or after the provided Operating Status Code Year.
- Important note regarding Operating Status Code Year for shutdowns:
 - If a Facility/Unit/Process/ReleasePoint/etc. shuts down on June 30, 2024, then the Operating Status Code Year should be **2025**, in other words:
 - The facility did operate in 2024 (January – June)
 - 2025 is the first full calendar year for which the facility was shutdown and no emissions are expected to be reported.
 - As of January 1, 2025, it was shutdown.

Facility Inventory - Unusual Facility Situations

- Remote facilities without a “street address”?
 - Include nearest town, county of location, and descriptive information for address text. Can be PLSS location, coordinates, or any other location information available
- Facilities having multiple locations
 - Avoid if possible! If unavoidable, submit support request in EIS and EPA will help set up
- Portable facilities
 - Use “XX777” for the FIPS code. One example is a portable asphalt concrete batch plants used for major road construction.

Emissions Unit/Process Best Practices

- Unit Description should be compatible/consistent with Unit Type
- Complete information on design capacity, etc.
- Multiple Units of similar type:
 - Report as separate units (especially if emissions are calculated separately and separate release points) rather than one combined Unit in EIS.
 - Multiple small units of similar type (e.g. multiple small engines using same fuels with same emission rates) – OK to submit as a single unit.
- Report all pollutants associated with the unit/process:
 - Do not create separate units or processes to report different pollutants (e.g. one unit/process to report VOC emissions, another process to report HAP emissions)

Use Unit Types as a guide for Emissions Units and Processes

✓ Do assign separate Emissions Units for diverse equipment

- BldgA-U1 **Bldg A NatGas Boiler**
Unit Type **100 (Boiler)**
 - BldgA-U1-P1 Boiler 1.5 MMBTU/hr Model # HB-NG1500
SCC 10300603 ExComb Comm/Inst NatGas <10MillionBTU/hr
- BldgA-U2 **Bldg A Line 1**
Unit Type **450 (Spray Booth or Coating Line)**
 - BldgA-U2-P1 Spray Primer Booth 1
SCC 40200101 Evap SurfCoatOps SurfCoatApplctnGenerl SeeSCCLev4
 - BldgA-U2-P2 Coating Line 1
SCC 40202501 Evap SurfCoatOps MiscMetalParts CoatngOp
 - BldgA-U2-P3 Line 1 Solvent Cleanup of Spray Guns and Equipment
SCC 40202505 Evap SurfCoatOps MiscMetalParts EqCleanup
- BldgA-U3 **Bldg A Line 2**
Unit Type **450 (Spray Booth or Coating Line)**
 - BldgA-U3-P1 Spray Primer Booth 2
SCC 40200101 Evap SurfCoatOps SurfCoatApplctnGenerl SeeSCCLev4
 - BldgA-U3-P2 Coating Line 2
SCC 40202501 Evap SurfCoatOps MiscMetalParts CoatngOp
 - BldgA-U3-P3 Line 2 Solvent Cleanup of Spray Guns and Equipment
SCC 40202505 Evap SurfCoatOps MiscMetalParts EqCleanup
- BldgA-U4 **Bldg A Drying Oven**
Unit Type **260 Indirect-fired Dryer**
 - BldgA-U4-P1 Drying Oven
SCC 40200801 Evap SurfCoatOps CoatingOvenGeneral General
- Bldg A-U5 **Bldg A Solvent Tank**
Unit Type **400 (Storage Tank)**
 - BldgA-U5-P1 Working/Standing Losses
SCC 40201706 Evap SurfCoatOps CanCoating SolventStor

Release Point Best Practices

- Diameter/Velocity/Flow – Report Diameter (or rectangular stack length and width) and either Velocity or Flow, whichever is more certain.
 - You can report both Velocity and Flow – However, that can lead to Critical Errors related to *QA Check 192* if reported Flow and EIS calculated Flow (from cross sectional area and Velocity) are not within 5% of each other.
 - Also, *QA Check 191* will result in critical error if reporting only Flow yields a calculated velocity > 1500 feet per second.
 - Flow in EIS is used to compute velocity and is in Actual Volume per minute or second (not standard volume per time, not dry standard volume per time, not volume corrected to certain %O₂ or %CO₂)

Release Point Apportionment can be tricky

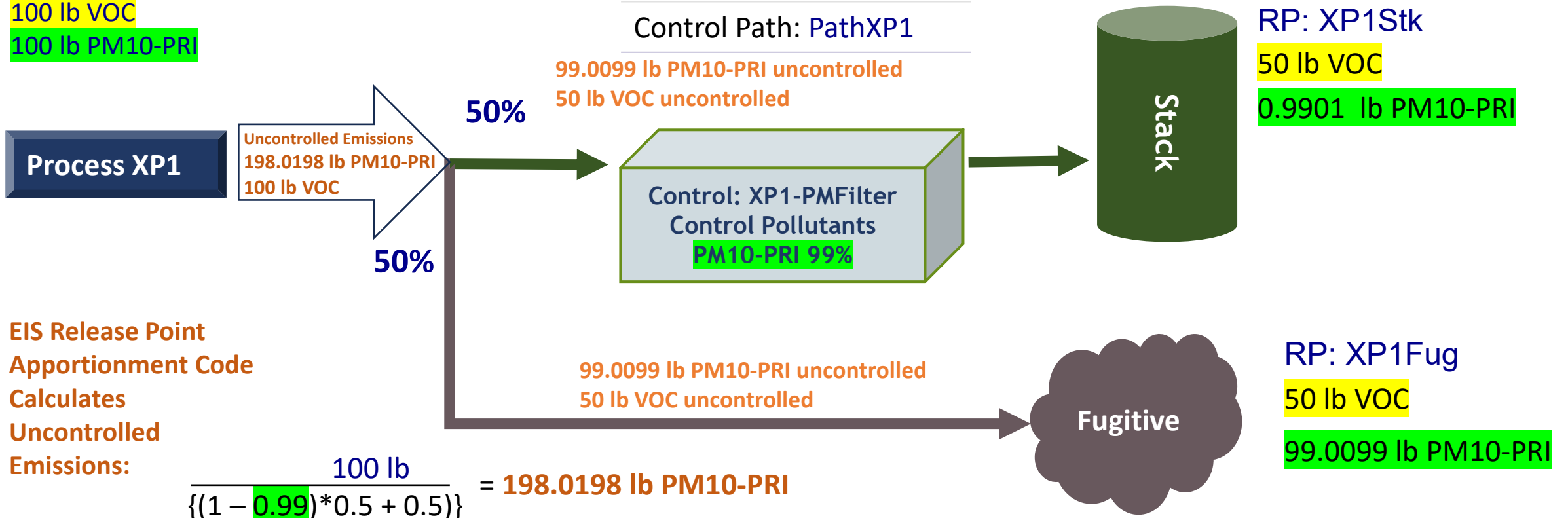
- Staging requirements for AveragePercentEmissions (see slide 84)
 - Data Type = Decimal (5,2)
 - That means “xxx.x” so smallest increment is tenths of a percent
- QA Check 106 - Average Percent Emissions Range
 - Must be greater than or equal to 1.0, and less than or equal to 100.0.
- QA Check 108 - 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 Data Type requirements shown above)
 - ✓ A = 33.4% B = 33.3% C = 33.3%

Release Point Apportionment: *Average Percent Emissions* are percent of uncontrolled emissions routed from the Process

Search eis release	Search agency relea	Search release point d	Search stack diamet	Search stack height	Search release point	Search release point	Search average percen	Search eis path id	Search agency pat	Search apportionment
EIS Release Point ID	Agency Release Point ID	Release Point Description	Stack Diameter (FT)	Stack Height (FT)	Release Point Width (FT)	Release Point Length (FT)	Average Percent Emissions	EIS Path ID	Agency Path ID	Apportionment is Uncontrolled
	XP1Fug	Bldg XP fugitives					50			yes
	XP1Stk	Baghouse stack	2.45	32			50		PathXP1	no

Report Process XP1 Emissions
(post-controlled emissions)

100 lb VOC
100 lb PM10-PRI



Point Emissions Best Practices

- You may use LB, TON or metric UOMs to submit emissions
 - EIS reports show standard unit of measure as specified in Pollutant Code Table. Generally, LB for HAPs and TON for CAPs.
 - EIS will convert the values to TON and LB for reporting purposes. EIS will always display the unit of measure “as reported” under the individual process on the Gateway.
- 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.

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.

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. If using a retired code, look for a “map-to” code in the [SCC search tool](#) to find a new, active code.
- Is there an SCC you think should exist but doesn't? Ask us!
NEI_help@epa.gov

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, EPA can use the information on the controls to generate uncontrolled emissions if needed.

Data Tagging

Data tagging is when EPA tags out certain emissions values to prevent them from being included in a NEI selection.

- Why does EPA tag out data? Examples:
 - Duplicated process at a facility or reported emissions for a process that shutdown
 - Error in specific pollutant that should not have been reported
 - Business rules for gap-filling (e.g. zero emissions for a HAP that would prevent TRI emissions from being selected)
 - To allow in values from a lower dataset in the selection hierarchy

General Things to Know...

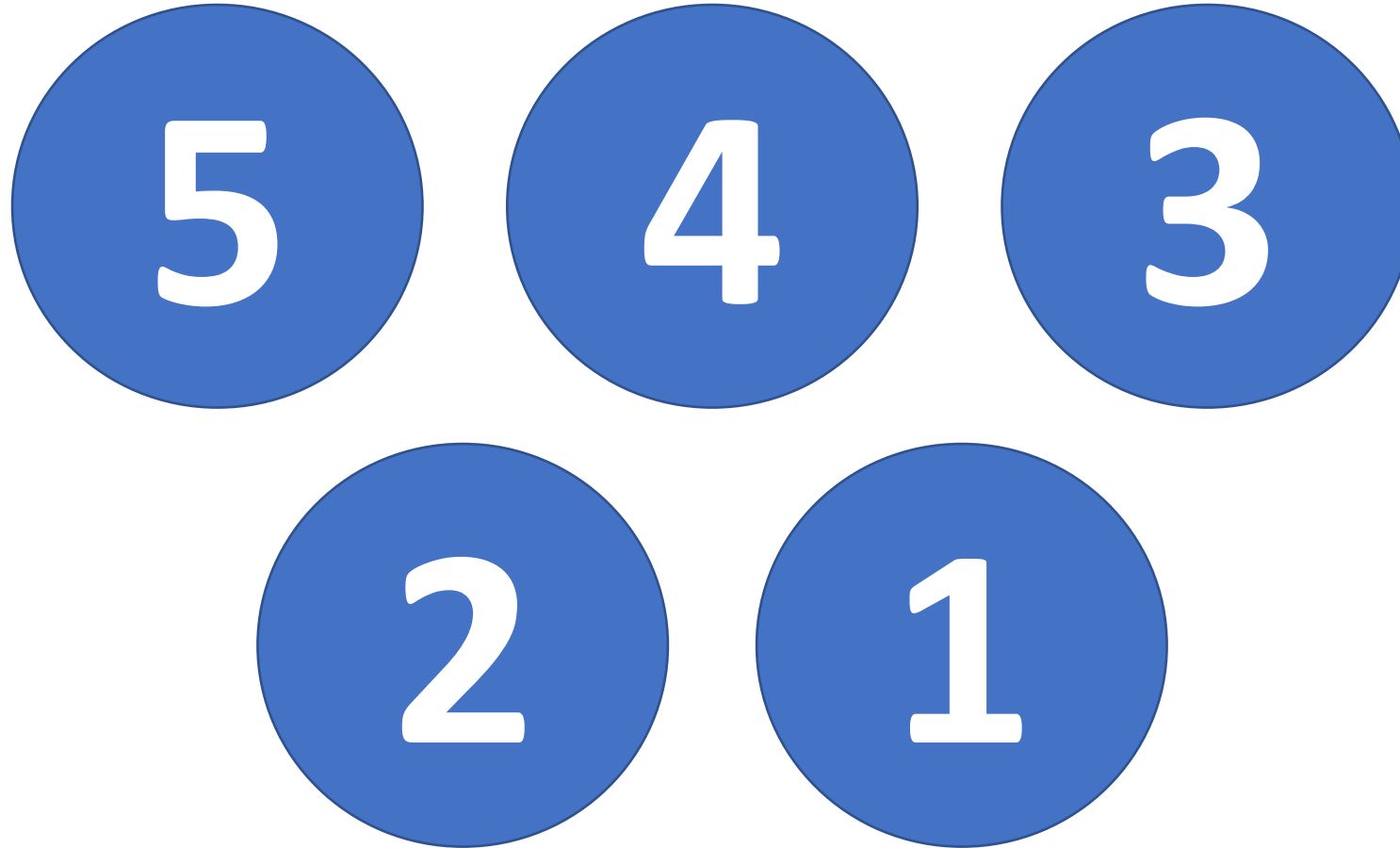
- EPA will not adjust or change your data. You will be contacted if there are questions. However, EPA may tag out suspect data for exclusion from the NEI. - [Data Tagging](#)
- EPA does augment SLT data. These data, such as TRI, PM Aug, or other values are viewable in EIS.

Additional Resources

- [National Emissions Inventory Trainings](#)
- [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



Break timer: 5 minutes



Next up: Reporting Control Devices for Point Sources