



# EIS And NEI Training

This training is intended for state, local or tribal inventory developers and will focus on EIS How To's and will increase the inventory developer's working knowledge of how to submit emissions to the Emissions Inventory System (EIS).

Speakers: Chris Chapman, Lindsay Dayton, and Alex Love (EPA)



# Schedule and Topics

8:00AM – 8:05AM	Welcome!	9:20AM – 9:55AM	Submitting Data <ul style="list-style-type: none"> <li>○ Bridge Tool</li> <li>○ ENSC</li> <li>○ QA vs Production</li> <li>○ Confirmation of successful submission</li> <li>○ Common Issues</li> </ul>
8:05AM – 8:10AM	What is EIS?	9:55AM – 10:15AM	QA of Submitted Data <ul style="list-style-type: none"> <li>○ Feedback Reports</li> <li>○ Data Completeness Reports</li> <li>○ Nonpoint Iterative QA Reports</li> </ul>
8:10AM – 8:20AM	How to request access <ul style="list-style-type: none"> <li>○ Login.gov</li> <li>○ ENSC (submitting data)</li> </ul>	10:15AM – 10:30AM	Creating the final NEI <ul style="list-style-type: none"> <li>○ Augmentation and Speciation</li> <li>○ Selections</li> <li>○ Dataset names</li> </ul>
8:20AM – 8:35AM	User Guide and Helpful Resources	10:30AM – 10:45AM	BREAK
8:35AM – 9:05AM	Viewing information <ul style="list-style-type: none"> <li>○ Account Data (profile, agency info, NP survey)</li> <li>○ View/add/edit</li> <li>○ Reports</li> <li>○ Reference Data</li> <li>○ Support</li> </ul>	10:45AM – 12:00PM	Speciation Training with Karl Seltzer (EPA)
9:05AM – 9:20AM	BREAK		

# What is EIS (Emissions Inventory System)



- Provides access to emissions data for registered state and local users
- Goals
  - Add, view and edit facility inventory information for their agency;
  - Extract data by running reports;
  - Access reporting codes
  - Request support from the EPA through a central message center.
- Components:
  - Gateway – web interface ([eis.epa.gov](http://eis.epa.gov))
  - Bridge Tool – Microsoft Access tool be used to generate XML files
  - Exchange Network – web client to submit xml files



# What is EIS (continued...)



- NEI (National Emissions Inventory)
  - Release every three years, NEI is a comprehensive and detailed estimate of air emissions of criteria pollutants, criteria precursors, and hazardous air pollutants from air emissions sources.
  - [National Emissions Inventory \(NEI\) | US EPA](#)
- EIS (Emissions Inventory System)
  - Information System used to build the NEI
  - The link above includes links to more information about the Gateway, Bridge Tool and a link to our comprehensive users' guide.





# Requesting Access



<https://www.epa.gov/air-emissions-inventories/emissions-inventory-system-eis-users-manual-and-how-tos>



- Environmental Topics
- Laws & Regulations
- Report a Violation
- About EPA

## Air Emissions Inventories

[CONTACT US](#)

[Air Emissions Inventory Home](#)

[Data and Documentation](#)

[Reports and Summaries](#)

[Air Pollutants Emissions Trends Data](#)

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

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

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

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

[Training](#)

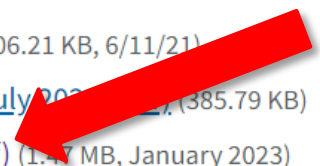
# Emissions Inventory System (EIS) User's Manual and How To's

The following sections of the EIS User's Manual are available to assist you in using the Emissions Inventory System.

We are beginning the process of having these types of documents housed in the Emissions Inventory System, in the [User Guide](#).

For more information on the Bridge Tool in the user guide, click here: [Bridge Tool in User Guide](#).

- [Changes to the Consolidated Emissions Reporting Schema \(CERS\) for the 2020 National Emissions Inventory \(pdf\)](#), (1.75 MB)
- [EIS Bridge Tool & New CERS Elements \(pdf\)](#), (406.21 KB, 6/11/21)
- [Q&A for EIS CERS Schema Changes Training July 2022 \(pdf\)](#), (385.79 KB)
- [How Do I Request Access to EIS Gateway? \(pdf\)](#), (1.47 MB, January 2023)



# How-to guide



## How Do I Request Access to the EIS Gateway?

### Introduction

To provide increased security for the Agency's external facing applications and to provide users a single point of access to multiple government systems, the Emissions Inventory System is now using the EPA Gateway. The EPA Gateway is an external facing portal for customer access to agency applications. Users will enter the Gateway and select their login method. Depending on their authenticated identity level (as determined by Login.gov), the Gateway will determine which applications the user will have access to. Web Application Access (WAA) is then used to request access to the Emissions Inventory System (EIS) community.

This section of the EIS Users Manual identifies the two types of users who will request access to the EIS Gateway; users outside of the EPA and EPA users. For each user type, the steps necessary to gain access to EIS are provided.

- Users outside of EPA who have never registered at the EPA Portal (Login.gov) should start on [page 2](#).
- Users outside of the EPA who have registered at the EPA Portal (Login.gov) but who are not members of the Emissions Inventory System community should begin with the instructions on [page 14](#).
- EPA users should follow the steps beginning on [page 22](#).



# The access request process



Login.gov

<https://secure.login.gov/>

1. Create an account



Web Application Access

<https://waa.epa.gov/>

2. Request Access to the EIS community (then wait for approval)



EIS Gateway

<https://eis.epa.gov/eis-system-web/welcome.html>

3. Request access in the EIS Gateway (then wait for approval)



Final Approval!

4. Receive final approval, accept the terms of the Gateway.

5. (Optional) If you plan to submit emissions for your agency, request a NAAS account to access the Environmental Information Exchange Network Services Center (ENSC)

# Environmental Information Exchange Network Services Center ENSC access



To request a new NAAS account, please email the Node Help Desk at [nodehelpdesk@epacdx.net](mailto:nodehelpdesk@epacdx.net) with the following information:

The email  
address you  
wish to use to  
access ENSC

Your First and  
Last Name

Your agency  
organization

The policy(s) for  
which you need  
access. \*

Once you have registered for a new NAAS account, you will be provided (via email) a temporary password along with instructions as how to reset the password when you log in for the first time.

\*Please specify the "**CERS\_v2 data flow**" as the policy to make submissions to EIS.



# User Guide and Helpful Resources

# EIS User Guide

<https://eis.epa.gov/userguide/index.html>



**SUPPORT**

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

The screenshot shows a web browser window with the URL [eis.epa.gov/userguide/index.html](https://eis.epa.gov/userguide/index.html). The page content includes a main heading "Welcome to EIS Users' Guide" and a sub-heading "User Support Documentation for navigating the Emissions Inventory System, Bridge Tool and ETL Submissions." Below this are two buttons: "EIS Gateway" and "ETL and Bridge Tools". The page is divided into two columns: "EIS Gateway" and "ETL and Bridge Tools", each with a list of links.

## Welcome to EIS Users' Guide

User Support Documentation for navigating the Emissions Inventory System, Bridge Tool and ETL Submissions.

[EIS Gateway](#) → [ETL and Bridge Tools](#) →

### EIS Gateway

Here you will find detail instructions and documentation through various parts of the Gateway.

- View / Add / Edit
- Reports
- Reference Data
- Support
- Account Data

### ETL and Bridge Tools

This section provides detail documentation and visual illustrations within ETL and its core data elements; Detail guide for Bridge Tools.

- About CDX
- Submissions Overview
- CERS
- Bridge Tools
- Exchange Network Service Center



# Helpful Resources

<https://www.epa.gov/air-emissions-inventories/emissions-inventory-system-eis-users-manual-and-how-tos>



← → ↻ [epa.gov/air-emissions-inventories/emissions-inventory-system-eis-users-manual-and-how-tos](https://www.epa.gov/air-emissions-inventories/emissions-inventory-system-eis-users-manual-and-how-tos) 🔖 ⚙️ 🏠 👤

Air Pollutants Emissions Trends Data

Air Emissions Reporting Requirement (AERR)

Emissions Inventory System (EIS) Gateway

**EIS User's Manual and How To's**

Emissions Inventory System (EIS) Bridge Tools

Training

Conference

Emissions Development Tools

Emissions Inventory Guidance

Emissions Inventory Listservs

Points of Contact

Frequent Questions

The following sections of the EIS User's Manual are available to assist you in using the Emissions Inventory System.

We are beginning the process of having these types of documents housed in the Emissions Inventory System, in the [User Guide](#).

For more information on the Bridge Tool in the user guide, click here: [Bridge Tool in User Guide](#).

- [Changes to the Consolidated Emissions Reporting Schema \(CERS\) for the 2020 National Emissions Inventory \(pdf\)](#) (1.75 MB)
- [EIS Bridge Tool & New CERS Elements \(pdf\)](#) (406.21 KB, 6/11/21)
- [Q&A for EIS CERS Schema Changes Training July 2020 \(pdf\)](#) (385.79 KB)
- [How Do I Request Access to EIS Gateway? \(pdf\)](#) (1.47 MB, January 2023)
- [How Do I Update My Password? ↗](#)
- [How Do I Submit, View and Reply to Support Requests? \(pdf\)](#) (248.1 KB)
- [How Do I View a List of Facilities? \(pdf\)](#) (1.32 MB)
- [How Do I Download My Facility Inventory Data? \(pdf\)](#) (767.16 KB)
- [How Can I Tell How Different the NEI Selection is from the Data I submitted? \(pdf\)](#) (73.85 KB)
- [How Do I Submit to EIS Using the Web Client? \(pdf\)](#) (1.14 MB, 2/3/22)
- [What Checks are Run Against My EIS CERS XML File? \(pdf\)](#) (20.82 KB)
- [How Do I Retrieve My Quality Assurance Feedback? \(pdf\)](#) (222.93 KB)
- [How Do I Log On To the Network Exchange Services Center? \(pdf\)](#) (774.81 KB, 6/9/21)

# Trainings on Website

<https://www.epa.gov/air-emissions-inventories/air-emissions-inventory-training>



← → ↻ [epa.gov/air-emissions-inventories/air-emissions-inventory-training](https://www.epa.gov/air-emissions-inventories/air-emissions-inventory-training)

- Data and Documentation
- Reports and Summaries
- Air Pollutants Emissions Trends Data
- Air Emissions Reporting Requirement (AERR)
- Emissions Inventory System (EIS) Gateway
- EIS User's Manual and How To's
- Emissions Inventory System (EIS) Bridge Tools
- Training**
- Conference
- Emissions Development Tools
- Emissions Inventory Guidance

## Emissions Inventory Training Updates

Most online training on the National Emissions Inventory can be found on the AirKnowledge website at <https://airknowledge.gov/EMIS-SI.html>.

The same information is located on <https://epaapti.csod.com> , and this parallel website is a Learning Management System (LMS) and keeps track of your record of learning. State, local government, and tribal air agency staff must register at <https://epaapti.csod.com> to gain access to the LMS.

**Currently Posted:**

- [Purposes and Types of Emissions Inventories](#)
- [What is an Emissions Inventory?](#)
- [National Emission Inventory](#)
- Nonpoint Sources
  - [Data Completeness](#)
  - [Nonpoint Survey](#)
  - [EPA Wagon Wheel Tool](#)
  - [Expected Pollutants](#)
  - [Oil and Gas 101](#)
  - [Oil and Gas Estimation Tool](#)

# Trainings on SharePoint

<https://usepa.sharepoint.com/sites/NEI/SitePages/Trainings.aspx>



SharePoint

General NEI [See all](#) EIS [See all](#)

+ New [Send to](#)

### Nonroad [See all](#)

Title	Modified
OnroadandNonroadRiseCourseAug2021.zip	August 19, 2021
Rail Methods Webinar	June 29, 2021
CMV Webinar	June 29, 2021

### Point [See all](#)

Title	Modified
Bridge Tool Training	October 19, 2021

### Events - Fires [See all](#)

Title	Modified
Bluesky Pipeline Fires Training	January 19, 2022
Fires Bluesky Pipeline MP4 Training Jeff Vukovich	September 17, 2021

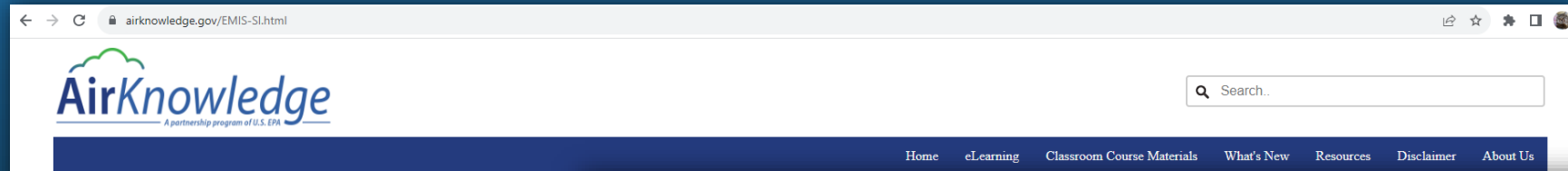
### Speciate [See all](#)

Title	Modified
2019 EI Conference- Speciate	June 29, 2021

Bridge Tool Training	October 19, 2021	OnroadandNonroadRiseCourseAug2021.zip	August 19, 2021
Wagon Wheel 1 and 2 web version - Storyline output.zip	September 1, 2021		

# Trainings in AirKnowledge

<https://airknowledge.gov/EMIS-SI.html>



**AND MANY  
MORE TO COME!**

## 19. DEVELOP DATA FOR NONPOINT SOURCES (ADVANCED)

Data Completeness

Nonpoint Survey

A Wagon Wheel Tool

Expected Pollutants

Oil and Gas 101

Oil and Gas Estimation Tool

## 20. DEVELOP DATA FOR POINT SOURCES (ADVANCED)

*Not Yet Available*

## 21. DEVELOP DATA FOR MOBILE SOURCES (ADVANCED)

Onroad and Nonroad Sources in the NEI

## 22. DEVELOP DATA FOR EVENTS SOURCES (ADVANCED)

*Not Yet Available*



# Viewing Information in the EIS Gateway

# Gateway Navigation

This is the list of option  
you should see

### VIEW/ADD/EDIT

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

### REPORTS

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

### REFERENCE DATA

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

### SUPPORT

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

### ACCOUNT DATA

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

## Emissions Inventory System

Welcome To EIS

### CURRENT ANNOUNCEMENTS

There are no current announcements

[View All Announcements](#)





# Viewing Information in the EIS Gateway – View/Add/Edit



# Facility Search



## Facility Inventory and Point Emissions

[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 State:

- Select ---
- Alabama
- Alaska
- Arizona
- Arkansas
- California
- Colorado
- Connecticut

[Get Counties](#)

Search for a County:

- ▲
- ▼

Search for a Tribe:

- Select ---
- Alabama-Coushatta Tribes of Texas
- Arapahoe Tribe of the Wind River Reservation, Wyoming
- Assiniboine and Sioux Tribes of the Fort Peck Indian Reservation, Montana
- Big Valley Band of Pomo Indians of the Big Valley Rancheria, California
- Blackfeet Tribe of the Blackfeet Indian Reservation of Montana
- Blue Lake Rancheria
- Cabazon Band of Cahulla Mission Indians of the Cabazon Reservation, California

Search for a Country:

- Select ---
- The Canadian province of Alberta
- The Canadian province of British Columbia
- The Canadian province of Manitoba
- The Canadian province of New Brunswick
- The Canadian province of Newfoundland and Labrador
- The Canadian province of Northwest Territories
- The Canadian province of Nova Scotia

Search for Facility Source Types:

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

Operating Status(es):

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

# Results



Search  Clear

Show  entries

Search eis facility id | Search agency iden | Search program sys | Search st | Search county | Search state and c | Search tribal name | Search facility name | Search company name | Search naics (prima | Search facility source type | Search operating sta | Search site latitude

EIS Facility ID	Agency Identifier	Program System Code	ST	County	State and County Code	Tribal Name	Facility Name	Company Name	NAICS (Primary)	Facility Source Type	Operating Status	Site Latitude
<a href="#">0624011</a>	3706300221	NCDAQ	NC	Durham	37063		Argos Cement, LLC - Durham Terminal	Argos USA Corporation	32731		ONRE	35.98305
<a href="#">352111</a>	3706300211	NCDAQ	NC	Durham	37063		Argos Ready Mix - Hwy 55 Plant (No 17)	Southern Equipment Co., Inc. (dba Argos Ready Mix Carolinas, LLC)	327320	Concrete Batch Plant	ONRE	35.930116
<a href="#">352311</a>	3706300023	NCDAQ	NC	Durham	37063		Argos Ready Mix - Plum St Plant (No. 14)	Southern Equipment Co., Inc. (dba Argos Ready Mix Carolinas, LLC)	32732	Concrete Batch Plant	ONRE	35.9823
<a href="#">052111</a>	3706300308	NCDAQ	NC	Durham	37063		AW North Carolina, Inc.	AW North Carolina, Inc.	33635		ONRE	36.09005
<a href="#">5609911</a>	3706300010	NCDAQ	NC	Durham	37063		Becton Dickinson Technologies	Becton, Dickinson, and Company	54191		ONRE	35.89245
<a href="#">8031611</a>	3706300379	NCDAQ	NC	Durham	37063		Biogen - RTP Drug Products Facility	Biogen	325412		ONRE	35.87633
<a href="#">8030611</a>	3706300381	NCDAQ	NC	Durham	37063		bioMerieux	bioMerieux	325413		ONRE	36.098736
<a href="#">052611</a>	3706300086	NCDAQ	NC	Durham	37063		Brenntag Mid-South, Inc.	Brenntag Mid-South, Inc	42469		ONRE	35.97995
<a href="#">051811</a>	3706300274	NCDAQ	NC	Durham	37063		Brown Water Treatment Plant	City of Durham	22132	Wastewater Treatment Facility	ONRE	36.09085
<a href="#">051711</a>	3706300270	NCDAQ	NC	Durham	37063		Carolina Sunrock LLC - Muirhead Distribution Center	Carolina Sunrock LLC	32732	Hot Mix Asphalt Plant	ONRE	36.01645
<a href="#">051411</a>	3706300217	NCDAQ	NC	Durham	37063		Chandler Concrete Co Inc	Na	32732	Concrete Batch Plant	ONRE	35.974483
<a href="#">6603611</a>	3706300356	NCDAQ	NC	Durham	37063		Chandler Concrete Company		32732	Concrete Batch Plant	ONRE	35.9602
<a href="#">7025511</a>	3706300296	NCDAQ	NC	Durham	37063		City of Durham Sanitary Landfill	City of Durham	562212		ONRE	36.028838
<a href="#">052511</a>	3706300258	NCDAQ	NC	Durham	37063		CORMETECH, Inc.	Cormetech Inc	327120	Brick, Structural Clay, or Clay Ceramics Plant	ONRE	36.094016
<a href="#">3457611</a>	3706300239	NCDAQ	NC	Durham	37063		Corning Incorporated	Corning Incorporated	339113		OP	36.095466
<a href="#">052311</a>	3706300299	NCDAQ	NC	Durham	37063		Cree Inc - Silicon Dr	Cree Inc	334413		ONRE	35.900233
<a href="#">5053011</a>	3706300366	NCDAQ	NC	Durham	37063		Cree RTP	Cree Inc	334413		ONRE	35.916383
<a href="#">050911</a>	3706300143	NCDAQ	NC	Durham	37063		Duke Regional Hospital	Duke University Health System	62211	Institutional (school, hospital, prison, etc.)	ONRE	36.0372
<a href="#">051011</a>	3706300144	NCDAQ	NC	Durham	37063		Duke University	Duke University	61131	Institutional (school, hospital, prison, etc.)	OP	36.005283
<a href="#">2518311</a>			NC	Durham	37063		DUKE UNIVERSITY NORTH		48811	Airport	OP	36.0065
<a href="#">8310011</a>			NC	Durham	37063		EAST DURHAM		488210	Rail Yard	OP	35.967951
<a href="#">051911</a>	3706300289	NCDAQ	NC	Durham	37063		Eisai Inc.	Na	325412	Pharmaceutical Manufacturing	PS	35.872583
<a href="#">351011</a>	3706300342	NCDAQ	NC	Durham	37063		Eno Pump Station ** Inactive **		22132		PS	36.075
<a href="#">351611</a>	3706300295	NCDAQ	NC	Durham	37063		Federal Medical Center	Federal Medical Center	62211	Institutional (school, hospital, prison, etc.)	ONRE	36.13785
<a href="#">051211</a>	3706300167	NCDAQ	NC	Durham	37063		Firstmark Aerospace Corporation	Na	335999		PS	35.99555

# Facility Site



## Facility Site

[Facility Site](#) [Release Points](#) [Emissions Units](#) [Processes](#)

### ▼ Facility Information

EIS Facility ID : 8050911  
Agency Identifier : 3706300143 (NCDAQ)  
State and County FIPS : 37063 (Durham, North Carolina)  
Tribal Code :  
State and Country FIPS :  
Responsible Agency : North Carolina Department of Environmental Quality  
Facility Name : Duke Regional Hospital  
Facility Description : Hospital  
Company Name : Duke University Health System  
NAICS (Primary) : 62211 - General Medical and Surgical Hospitals  
Affiliation Type Code : Owner  
Facility Source Type : Institutional (school, hospital, prison, etc.)  
Required Reporting Frequency : Not Required  
Facility Category : Synthetic non-Major  
Operating Status : Operating but State/Local/Tribe Not Reporting Emissions  
Operating Status Year : 2018  
Physical Address : 3643 North Roxboro Road  
Supplemental Address :  
Locality : Durham  
State : North Carolina  
Zip Code : 27704  
Address Comment :  
EIS Comment :  
HAP Facility Category :  
Permit Status :  
Permit Status Year :  
Last updated from: Jonathan Miller  
Last updated by agency: EIS  
Last updated on: 2021-08-26 11:28 AM

[Edit Facility Site](#)  
[Delete Facility Site](#)  
[Merge into Facility](#)  
[Protect State and County FIPS](#)  
[Protect Facility Site Name](#)  
[Protect NAICS \(Primary\)](#)  
[Protect Address](#)  
[Protect Locality](#)  
[Protect Zip Code](#)  
-- Emissions Year --

### ▶ 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

# Release Points



## Facility Site

Facility Site | Release Points | Emissions Units | Processes

- ▶ Facility Information
- ▶ NAICS
- ▶ Geographic Coordinates
- ▶ Alternate Facility Identifiers
- ▶ Alternate Facility Names
- ▶ Facility Expected Pollutants

### Release Points

Show 25 entries

Add Release Point

EIS RP ID	Agency RP ID	PSC ID	Description	Status	Type	RP Height (FT)	Stack Diameter (FT)	RP Width (FT)	RP Length (FT)	Flow	Flow UOM	Velocity	Velocity UOM	Temp/Deg F
5409912	S-8	NCDQAQ	ERP for boilers	Operating	Vertical	47	2.2			61.6	ACFS	15.5	FPS	667
5410012	S-9	NCDQAQ	ERP for boilers	Operating	Vertical	47	2.2			61.6	ACFS	15.5	FPS	667
5410212	S-14	NCDQAQ	ERP for boilers	Operating	Vertical	40	2.3			66.9	ACFS	15.7	FPS	709
5410312	S-13	NCDQAQ	ERP for boilers	Operating	Vertical	40	2.3			66.9	ACFS	15.7	FPS	709
5410512	S-11	NCDQAQ	ERP for boilers	Operating	Vertical	47	2.2			61.6	ACFS	15.5	FPS	667
127652012	B1	NCDQAQ	ERP for boilers	Operating	Vertical	47	2.25			3697.75	ACFM	15.5	FPS	667
127652112	B2	NCDQAQ	ERP for boilers	Operating	Vertical	47	2.25			3697.75	ACFM	15.5	FPS	667
127652212	B3	NCDQAQ	ERP for boilers	Permanently Shutdown	Vertical	47	2.25			3697.75	ACFM	15.5	FPS	667
127652312	B4	NCDQAQ	ERP for boilers	Operating	Vertical	40	2.33			4016.54	ACFM	15.7	FPS	709
127652412	B5	NCDQAQ	ERP for boilers	Operating	Vertical	40	2.33			4016.54	ACFM	15.7	FPS	709
5410412	S-16	NCDQAQ	ERP for emergency diesel generators	Operating	Vertical	8	2			15.7	ACFS	5	FPS	585
5410112	S-18	NCDQAQ	ERP for ethylene oxide gas sterilizers	Operating	Vertical	10	1			9.4	ACFS	12	FPS	70
127652712	G5	NCDQAQ	ERP for ethylene oxide gas sterilizers	Operating	Vertical	20	0.25			60.06	ACFM	17	FPS	131
127652812	G6	NCDQAQ	ERP for G6 emergency diesel generator	Operating	Vertical	25	4.2			23691.06	ACFM	28.5	FPS	860
5410612	S-20	NCDQAQ	Fugitive release from gas sterilizer	Operating	Fugitive Area: SW Corner Coords	10	0							72
127652512	EP1	NCDQAQ	generators	Operating	Vertical	8	2			3789.91	ACFM	20	FPS	585

Showing 1 to 16 of 16 entries

First Previous 14 Next Last

Download Results: [CSV](#)

- ▶ Emissions Units
- ▶ Processes
- ▶ Site Controls
- ▶ Site Control Paths
- ▶ Facility Audit Log
- ▶ Geographic Coordinate Audit Log

# Potential Duplicate Facilities



## Potential Duplicate Facilities

Add Selected Delete Selected

Show 10 entries

Agency Identifier	ST	County	Facility Name	Company Name	NAICS (Primary)	Zip Code	Latitude	Longitude	Merge Requested
<input type="checkbox"/> 117312(NEDEQ)	NE	Cass	<a href="#">Hawkins RexCon Batch Plant 2</a>		327320	68105	40.9542	-95.9167	no
<input type="checkbox"/> 115539(NEDEQ)	NE	Sarpy	<a href="#">Hawkins RexCon PugMill Batch</a>		327320	68105	41.1258	-95.9186	no

Showing 1 to 2 of 2 entries

First Previous 1 Next Last

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# Nonpoint / Onroad/ Nonroad Emissions Search (1/3)



## Nonpoint / Onroad / Nonroad Emissions Search

### Search Criteria

- States** » CA
- Counties** » 06037
- Tribes** » No tribes selected
- Data Categories** » No data categories selected
- Sectors** » No sectors selected
- Source Classifications** » No source classifications selected

Show  entries

Source Classification	Emissions Type Code	FIPS State and County	Tribal Name	Census Tract	Shape Identifier
<a href="#">2101006000</a>		06037			
<a href="#">2102001000</a>		06037			
<a href="#">2102002000</a>		06037			
<a href="#">2102004000</a>		06037			
<a href="#">2102004001</a>		06037			
<a href="#">2102004002</a>		06037			
<a href="#">2102005000</a>		06037			
<a href="#">2102006000</a>		06037			
<a href="#">2102006002</a>		06037			
<a href="#">2102007000</a>		06037			

Showing 1 to 10 of 2,413 entries (filtered from 5,648,872 total entries)

[First](#) [Previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) ... [242](#) [Next](#) [Last](#)

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# Nonpoint / Onroad/ Nonroad Emissions Search (2/3)



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

Show **10** entries

DataSet	Inventory Year	Reporting Period Type	Emissions Operating Type Code	Start Date	End Date
2020NEI_DraftV3	2020	Annual			
California Air Resources Board	2020	Annual			
2020NEI_DraftV2	2020	Annual			
2020NEI	2020	Annual			
California Air Resources Board	2017	Annual			
California Air Resources Board	2014	Annual			
2014EPA_NonPt_PM-Aug	2014	Annual			
2017EPA_NONPOINT	2017	Annual			
2011EPA_PM-Augmentation	2011	Annual			
2017EPA_HAPAug_Jan21	2017	Annual			

Showing 1 to 10 of 48 entries

[First](#)
[Previous](#)
[1](#)
[2](#)
[3](#)
[4](#)
[5](#)
[Next](#)
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▼ **Emissions**

[Add Emissions](#)

Pollutant Type(s)	HAP Type	Pollutant Code	Pollutant	2020NEI_DraftV3   2020   Annual	Data Tag
CAP		PM25-FIL	PM2.5 Filterable	0.128738 TON	
CAP		PM10-FIL	PM10 Filterable	0.128738 TON	
CAP		PM-CON	PM Condensable	0.193107 TON	
CAP		VOC	Volatile Organic Compounds	252.891 TON	
CAP		NOX	Nitrogen Oxides	10.6400 TON	



# Nonpoint / Onroad/ Nonroad Emissions Search (3/3)



## Emissions Detail

[Nonpoint / Onroad / Nonroad Emissions Search](#) » [Process Emissions](#)

▶ Location

▶ Emissions Process

▶ Reporting Period

▼ Emissions

**Pollutant:** PM2.5 Filterable

**Total emissions:** 0.128738

**Emissions Unit of Measure:** TON

**Emission Calculation method:** 5 - USEPA Speciation Profile

**Emission factor:**

**Emission Factor UoM (Numerator):**

**Emission Factor UoM (Denominator):**

**Emission factor text:**

**Comment:** Value derived by arithmetic based on other available compounds

**Last updated from:** Data Migration

**Last updated by agency:** EIS

**Last updated on:** 2023-01-13 09:55 PM

**Data Tag:**

**Data Tag Comment:**

[Add Emissions](#)

[Edit Emissions](#)

[Delete Emissions](#)

Save Undo

# CDB activity



CDB Data

[EPA Default](#) [Agency](#)

**AGENCY CDB DATA SETS**

Inventory Year:

[Agency](#) [Submitted](#) [Data Category](#) [File Size \(KB\)](#)

EIS [View Submissions](#)

Download Results: [CSV](#)

First page shows data sets you have access to

Second page shows the CDB files that have been submitted

CDB Submission History

**Agency Description:** North Carolina Department of Environmental Quality

<a href="#">CDX Tracking #</a>	<a href="#">Status</a>	<a href="#">Submitter</a>	<a href="#">Type</a>	<a href="#">Submitted</a>	
<a href="#">_e6fef12d-74f8-4557-982e-5d3a61083908</a>	Completed	Todd Pasley	PRODUCTION	2022/01/28 04:43:24 PM	<a href="#">Download Report</a>
<a href="#">_3e095e27-6894-499a-a477-995e7b058438</a>	Completed	Todd Pasley	PRODUCTION	2019/02/13 05:21:06 PM	<a href="#">Download Report</a>

Download Results: [CSV](#)

# Nonpoint Survey



## Agency Organization Detail

### CURRENT AGENCY

Agency Description: EIS  
Agency Type: System  
ETL Process Group: 4  
Survey Status: ● Survey Complete

[Agency Responsibilities](#) | [Agency Members](#) | [Program System Codes](#) | [Allow Access](#) | [Feedback Reports](#) | [Nonpoint Survey](#)

## 2020 NONPOINT SURVEY

Inventory Year:

The purpose of this Nonpoint Survey is to prevent EPA double-counting emissions in sectors where SLTs and EPA report emissions for different SCCs (nonpoint or **point**) but similar processes.

- **"Accept All EPA Emissions Estimates"** EPA estimates will be used. This option is intended if you do not plan to submit **emissions** for any nonpoint sector. Note, acceptable SLT **activity inputs** provided prior to the NEI Plan timelines will be included as "EPA Estimates".

Clicking **"Go To Survey"** brings you to page 2, where you can accept EPA estimates for a whole category or part of a category ("Edit SCCs"). If you do not accept EPA estimates for every SCC in the category then you must select "Edit SCCs", and you will be brought to page 3 where there are 3 options for each SCC in the EPA tool/category:

- **"Yes - Supplement my data with EPA estimates"**
- **"No - Do Not Supplement My Data"**. You also have the option to select one of these 4 optional comments:
  1. No - I do not have this Source
  2. No - This source is included in my Point Source contributions
  3. No - My agency uses different SCCs
  4. No - My inventory is complete. It does not need to be supplemented.
- **"Yes - Supplement Only for Missing Pollutants at my reported Counties or Tribe"**. Use this option when you have accounted for all locations (e.g., counties) in your organization and only wish to supplement missing (expected) pollutants for locations where you have submitted estimates for at least one pollutant.

You are encouraged to "Save" often. Clicking "Submit" officially commits answers and saves all selections.



# Viewing Information in the EIS Gateway – Reports

# Report Request Process – Step 1

Decide which report you want.



## Request Reports

### ▶ Emissions Summary Reports

#### ▼ Facility Emissions Summary Reports

Emissions data aggregated to various levels of detail in a flat file CSV format. Can filter by pollutant, geographic area, Facility Source Type, NAICS, regulations, sector or Source Classification Codes. Request run every 10 minutes.

<a href="#">Emissions Summaries by Facility</a>	Point emissions data at facility level. Both EIS and S/L/T Agency identifiers are provided.
<a href="#">Emissions Summaries by Emissions Unit</a>	Point emissions data at unit level. Both EIS and S/L/T Agency identifiers are provided.
<a href="#">Emissions Summaries by Emissions Process</a>	Point emissions data at process level. Both EIS and S/L/T Agency identifiers are provided.
<a href="#">Emissions Summaries by Release Point</a>	Point emissions data at release point level. Both EIS and S/L/T Agency identifiers are provided.
<a href="#">SPPD RTR Modeling File Data Retrieval</a>	Data formatted in the RTR Model format

#### ▼ Facility Configuration Reports

Facility Inventory data elements at various levels of detail in a flat file CSV format. Can filter by a variety of criteria depending on level of detail requested. Requests run every 10 minutes.

<a href="#">Facility Configuration: Facility</a>	Report providing details of facilities, across all Agencies, filterable by geography, NAICs, Facility Source Type, or Operating Status.
<a href="#">Facility Configuration: Process and Unit</a>	Report providing details of processes and units, across all Agencies, filterable by geography, NAICs, Facility Source Type, or Operating Status.
<a href="#">Facility Configuration: Regulation</a>	Report providing details of regulations of the facilities, across all Agencies, filterable by geography, NAICs, Facility Source Type, Operating Status, or Regulatory Code.

# Report Request Process – Step 2

Enter criteria and click



## Facility Configuration: Facility

### Report Criteria

- Geography** » All of North Carolina » Durham, North Carolina
- Facility Source Types** » All Facility Source Types included.
- Facility Operating Status** » All Facility Operating Status Included
- Columns Selected** » State » FIPS State Code » Tribal Name » FIPS Code » County » **EIS Facility ID** » Program System Code » Agency Facility ID » Company Name » Site Name
- \* Required Columns** » Facility Source Type Code » Facility Status Year

### ▼ Geographic Locations (States, Tribes, Counties, and EPA Regions)

Show  entries

Type	Code	Geographic Description
County	37063	Durham, North Carolina

Showing 1 to 1 of 1 entries (filtered from 3,505 total entries)

### ▶ Facility Source Types

# Report Request Process – Step 3

Hit report request



NEI Team Meeting... ENSC Prod **eis.epa.gov says** https://usepa-my

Are you sure you want to save this report request?

OK Cancel

### Report Criteria

**Geography**

**Facility Source Types**

**Facility Operating Status** » All Facility Operating Status Included

**Columns Selected** » State » FIPS State Code » Tribal Name » FIPS Code » County » **EIS Facility ID** » Program System

\* Required Columns » Facility Source Type Code » Facility Status Year

▼ **Geographic Locations (States, Tribes, Counties, and EPA Regions)**

Show  entries

Search type Search code Durham

Type	Code	Geographic Description
County	37063	Durham, North Carolina

Showing 1 to 1 of 1 entries (filtered from 3,505 total entries)

► Facility Source Types

► NAICS

► Facility Operating Status

► EIS Facility Identifiers

► Columns

Request Report



# Report Request Process – Step 4

Wait for report to complete



Reports Available for Download

Show **10** entries

Report Type	Time Requested	Time Generated	First Name	Last Name
Facility Configuration: Facility	2023-09-28 08:40 PM		Chris	Chapman
Emissions Summaries by Emissions Process	2023-09-28 02:24 PM	2023-09-28 03:00 PM	Jing	Wang
Emissions Summaries by Emissions Process	2023-09-28 02:13 PM	2023-09-28 02:14 PM	Jing	Wang
Facility Configuration: Facility	2023-09-28 01:36 PM	2023-09-28 01:45 PM	Steven	Potter
Emissions Summaries by Emissions Process	2023-09-28 01:30 PM	2023-09-28 01:38 PM	Angelique	Luedeker

Going from left to right

Magnifying glass shows criteria,

Hourglass means pending, paper with green down arrow is used to download

Star means publish, red x means cancel

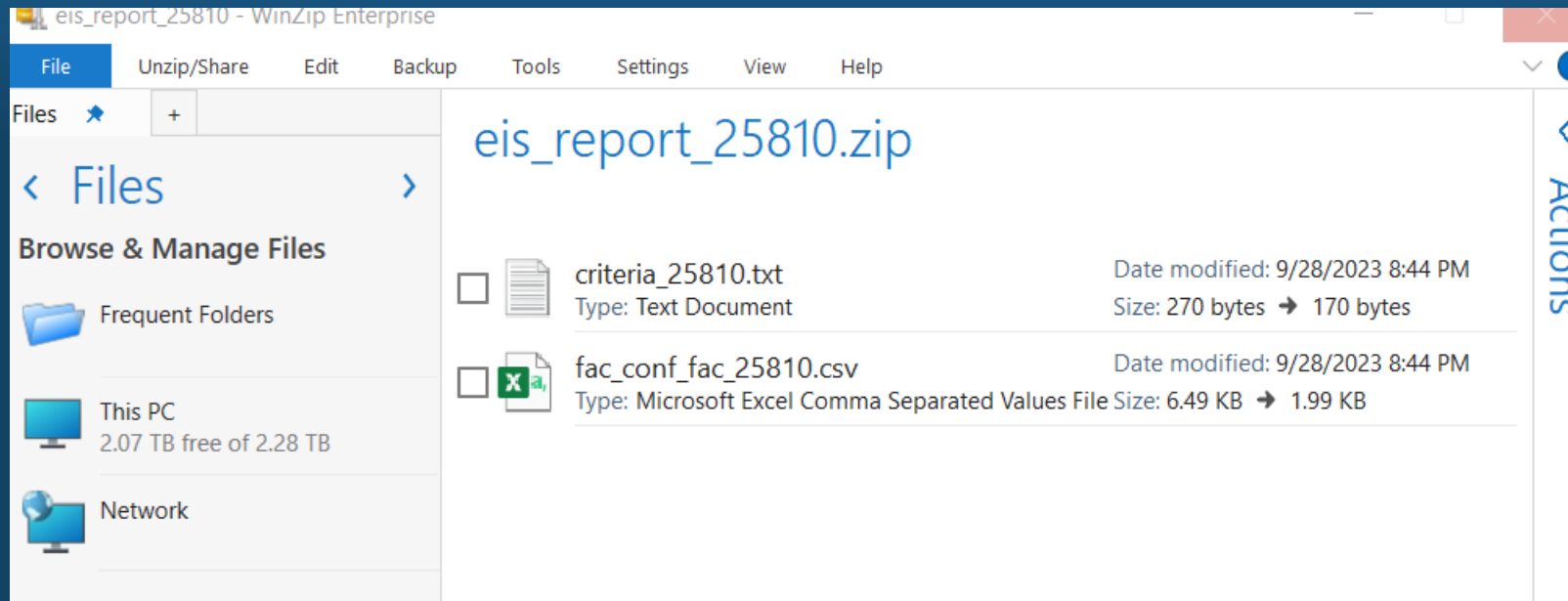
You will be emailed once report is complete.

Only one report can run at a time. Background job checks every ten minutes for report.

# Report Request Process - Step 5



Download the report



Click the paper button (second from left and you'll see a zip file)

# Types of Reports – Emissions Summary



Request Reports

▼ Emissions Summary Reports

Emissions data aggregated to various levels of detail in a flat file CSV format.

<a href="#">National By Data Category</a>	Point, Nonpoint, Onroad, Nonroad or Event emissions data at National geographic level.
<a href="#">National By Sector</a>	Point, Nonpoint, Onroad, Nonroad or Event emissions data at National geographic level.
<a href="#">National by Sector - Data Category</a>	Point, Nonpoint, Onroad, Nonroad or Event emissions data at National geographic level.
<a href="#">National By Source Classification</a>	Point, Nonpoint, Onroad, Nonroad or Event emissions data at National geographic level.
<a href="#">Regional By Data Category</a>	Point, Nonpoint, Onroad, Nonroad or Event emissions data at Regional geographic level.
<a href="#">Regional By Sector</a>	Point, Nonpoint, Onroad, Nonroad or Event emissions data at Regional geographic level.
<a href="#">Regional by Sector - Data Category</a>	Point, Nonpoint, Onroad, Nonroad or Event emissions data at Regional geographic level.
<a href="#">Regional By Source Classification</a>	Point, Nonpoint, Onroad, Nonroad or Event emissions data at Regional geographic level.
<a href="#">State/Tribe By Data Category</a>	Point, Nonpoint, Onroad, Nonroad or Event emissions data at County geographic level.
<a href="#">State/Tribe By Sector</a>	Point, Nonpoint, Onroad, Nonroad or Event emissions data at State/Tribe geographic level.
<a href="#">State/Tribe by Sector - Data Category</a>	Point, Nonpoint, Onroad, Nonroad or Event emissions data at State/Tribe geographic level.
<a href="#">State/Tribe By Source Classification</a>	Point, Nonpoint, Onroad, Nonroad or Event emissions data at State/Tribe geographic level.
<a href="#">County By Data Category</a>	Point, Nonpoint, Onroad, Nonroad or Event emissions data at County geographic level.
<a href="#">County By Sector</a>	Point, Nonpoint, Onroad, Nonroad or Event emissions data at County geographic level.
<a href="#">County by Sector - Data Category</a>	Point, Nonpoint, Onroad, Nonroad or Event emissions data at County geographic level.
<a href="#">County By Source Classification</a>	Point, Nonpoint, Onroad, Nonroad or Event emissions data at County geographic level.
<a href="#">Area Emissions Process</a>	Area emissions data at process level.



# Types of Reports – Facility Emissions Summary

## Request Reports

### ▶ Emissions Summary Reports

#### ▼ Facility Emissions Summary Reports

Emissions data aggregated to various levels of detail in a flat file CSV format. Can filter by pollutant, geographic area, Facility Source Type, NAICS, regulations, sector or Source Classification Codes. Request run every 10 minutes.

<a href="#"><u>Emissions Summaries by Facility</u></a>	Point emissions data at facility level. Both EIS and S/L/T Agency identifiers are provided.
<a href="#"><u>Emissions Summaries by Emissions Unit</u></a>	Point emissions data at unit level. Both EIS and S/L/T Agency identifiers are provided.
<a href="#"><u>Emissions Summaries by Emissions Process</u></a>	Point emissions data at process level. Both EIS and S/L/T Agency identifiers are provided.
<a href="#"><u>Emissions Summaries by Release Point</u></a>	Point emissions data at release point level. Both EIS and S/L/T Agency identifiers are provided.
<a href="#"><u>SPPD RTR Modeling File Data Retrieval</u></a>	Data formatted in the RTR Model format



# Types of Reports – Facility Configuration Reports

## Facility Configuration Reports

Facility Inventory data elements at various levels of detail in a flat file CSV format. Can filter by a variety of criteria depending on level of detail requested. Requests run every 10 minutes.

<a href="#"><u>Facility Configuration: Facility</u></a>	Report providing details of facilities, across all Agencies, filterable by geography, NAICs, Facility Source Type, or Operating Status.
<a href="#"><u>Facility Configuration: Process and Unit</u></a>	Report providing details of processes and units, across all Agencies, filterable by geography, NAICs, Facility Source Type, or Operating Status.
<a href="#"><u>Facility Configuration: Regulation</u></a>	Report providing details of regulations of the facilities, across all Agencies, filterable by geography, NAICs, Facility Source Type, Operating Status, or Regulatory Code.
<a href="#"><u>Facility Configuration: Release Point</u></a>	Report providing details of release points of the facilities, across all Agencies, filterable by geography, NAICs, Facility Source Type, Operating Status, or Release Point Status.
<a href="#"><u>Facility Configuration: Alternate Identifiers</u></a>	Report providing details of all alternate system identifiers that exist for all identifiable components, across all Agencies, filterable by identifier type, EIS Facility Identifier, geography, NAICs, Facility Source Type, Facility Operating Status.
<a href="#"><u>Facility Configuration: Site Controls</u></a>	Report providing details of emissions control devices that exist at a facility, across all Agencies, filterable by EIS Facility Identifier, geography, NAICs, Facility Source Type, Facility Operating Status.
<a href="#"><u>Facility Configuration: Control Associations</u></a>	Report providing details of where emissions control devices exist at a facility and the association they have to units, processes, and release points within the sites, across all Agencies, filterable by EIS Facility Identifier, geography, NAICs, Facility Source Type, Facility Operating Status.
<a href="#"><u>Facility Configuration: Control Path Definitions</u></a>	Report providing details of path information along with definitions for the control paths for the facilities. Filterable by geography, NAICs, Facility Source Type, and/or Operating Status.
<a href="#"><u>Facility Configuration: Facility Expected Pollutants</u></a>	Report providing details of facility expected pollutants of the facilities, across all Agencies, filterable by geography, NAICs, Facility Source Type, Operating Status, or Pollutant Code.
<a href="#"><u>Facility Configuration: Control Path Pollutants</u></a>	Report providing details of path information along with pollutants for the control paths for the facilities. Filterable by geography, NAICs, Facility Source Type, Operating Status, and/or Pollutants.
<a href="#"><u>Facility Configuration: Control Path Definitions &amp; Pollutants</u></a>	Report providing details of path information along with definitions and pollutants for the control paths for the facilities. Filterable by geography, NAICs, Facility Source Type, Operating Status, and/or Pollutants.

# Types of Reports – Event, Inventory Development and Smoke Flat File Reports



## ▼ Event Reports

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<a href="#">Event Daily Summary Report</a>	Request a report on event data that summarizes emissions at the county and SCC level by day.
--	--

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## ▼ Inventory Development Reports

Inventory development reports in a flat file CSV format. Requests run every 10 minutes.

---

<a href="#">Point Data Tagging Report</a>	All tagged emissions that match the specified filter criteria are included.
<a href="#">Nonpoint, Onroad, Nonroad, Event Data Tagging Report</a>	All Nonpoint, Onroad, Nonroad, or Event tagged emissions that match the specified filter criteria are included.
<a href="#">Nonpoint Survey Summary</a>	Report that displays Non-Point Survey summary information.
<a href="#">Nonpoint Survey Detail</a>	Report that displays Non-Point Survey detail information.
<a href="#">Area Tag Preparation Report</a>	Generates a csv file that may be imported into the Data Tagging utility for Nonpoint, Onroad, Nonroad data, and Event data.
<a href="#">Augmentation Profile Verification Report</a>	Report that displays information about verification routines performed against the augmentation profiles.

---

## ▼ Smoke Flat File

Facility Inventory and emissions data elements at various levels of detail in a SMOKE flat file CSV format. Can filter by a variety of criteria depending on level of detail requested. Requests run every 10 minutes.

---

<a href="#">Smoke Flat File: Point</a>
<a href="#">Smoke Flat File: Nonpoint</a>
<a href="#">Smoke Flat File: Nonroad</a>
<a href="#">Smoke Flat File: Onroad</a>
<a href="#">Smoke Flat File: Events Daily</a>

---





# Types of Reports – Facility and Emission XML, Comparison Reports

## ▼ Facility and Emission XML Snapshots

All Emissions (all data categories) and Facility Inventory data elements in CERS XML format. Can be run for either S/L/T Agency reported emissions or for USEPA emissions datasets. Data is returned at Process ID or SCC level detail. Requests run every 10 minutes.

<a href="#">Facility Snapshot (XML)</a>	Produces Facility Inventory XML for selected records
<a href="#">Point Emissions Snapshot (XML)</a>	Produces Point XML for selected records
<a href="#">NonPoint, OnRoad, NonRoad Emissions Snapshot (XML)</a>	Produces Area-type XML for selected records
<a href="#">Event Emissions Snapshot (XML)</a>	Produces Event XML for selected records

## ▼ Comparison Reports

<a href="#">State/Tribe - Sector Comparison</a>	Will compare the results of 2 - 5 data sets on a per State/Tribe - Sector - pollutant basis.
<a href="#">State/Tribe - SCC Comparison</a>	Will compare the results of 2 - 5 data sets on a per State/Tribe - SCC - pollutant basis.
<a href="#">Area Emissions Process - SCC Comparison</a>	Will compare the results of 2 - 5 data sets on a per State/Tribe - County - Shape ID - Emissions Type Code - SCC - pollutant basis.
<a href="#">Point Comparison - Facility Level</a>	Will compare the results of 2 - 5 data sets on a per Facility - pollutant basis. Only available for Point Data.
<a href="#">Point Comparison - Process Level</a>	Will compare the results of 2 - 5 data sets on a per Emissions Process - pollutant basis. Only available for Point Data.

# Feedback Reports



## Agency Organization Detail

### CURRENT AGENCY

Agency Description: EIS

Agency Type: System

ETL Process Group: 4

Agency Responsibilities

Agency Members

Program System Codes


Allow Access

Feedback Reports

Nonpoint Survey

### SUBMISSION HISTORY

Show 25 entries

CDX Tracking #	Status	Submitter	Data Category	Type	Inventory Year
 _e7c13228-2aef-46e5-bcd1-c66d71dc2487	COMPLETED	Chris Chapman	Facility Inventory	PRODUCTION	2022
 _6dfadb47-e94f-4619-b50c-6ebf33abe468	COMPLETED	Chris Chapman	Facility Inventory	QA	2022
 _9b284135-8c9d-422b-86f2-366b620fdc0d	COMPLETED	Chris Chapman	Facility Inventory	QA	2022
 _4b07afbe-1b95-481e-a9a1-8a0de5a6b601	FAILED	Chris Chapman	Facility Inventory	QA	
 803d2a29-7af1-4a4c-8d4b-hec6812ef10c	COMPLETED	Chris Chapman	Facility Inventory	QA	2022



# Agency Submission History Report



## Agency Submission History Report

▼ Select inventory year

Inventory Year:

Show  entries

Search:

Agency Organization	Region Code	Facility Inventory	Point	Nonpoint	Onroad Emissions	Onroad CDB	Nonroad Emissions	Nonroad CDB	Nonroad NCD	Event
EIS	N/A	<a href="#">2023-08-08 02:45 PM</a>	<a href="#">2023-05-11 01:45 PM</a>	N/A	<a href="#">N/A</a>	N/A	<a href="#">N/A</a>	N/A	N/A	N/A

Showing 1 to 1 of 1 entries

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

Download Results: [CSV](#)

# Data completeness report



## Point Emissions Data Completeness Detail Report

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

▼ Agency

Agency Description: EIS

Inventory Year:

Data Last Updated 2023-09-20 03:00:00 AM  
(Updated Every 24 hours):

Show  entries

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 Emission
-----------------	---------------	-----------------------	-----------	------------------------------	-----------	---------------	---------------	---------------	---------------	----------------------------	---------------	----------------------------	---------------

No matching records found

Showing 0 entries

Download Results: [CSV](#)



# Relevant sections of the user guide

General Report Usage: [Reports \(epa.gov\)](https://www.epa.gov/reports)

Report Details by Type: [Reports \(epa.gov\)](https://www.epa.gov/reports)



# Viewing Information in the EIS Gateway – Reference Data

# Reporting Code Tables



## Reporting Code Tables

Show **25** entries

Name	Description	Last Updated Date
<a href="#">Affiliation Type Code</a>	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
<a href="#">Aircraft Engine Type Code</a>	Code that identifies the aircraft engine type.	2023-04-14 15:51:08.0
<a href="#">Amount of Fuel Consumed Unit of Measure Code</a>	Code that identifies the unit of measure for the amount of fuel consumed.	2023-04-14 15:52:19.0
<a href="#">Area within Perimeter Unit of Measure Code</a>	Code that identifies the unit of measure for the area within the event perimeter.	2023-04-14 15:52:19.0
<a href="#">Area within Shape Unit of Measure Code</a>	Code that identifies the unit of measure for the area within the shape file.	2023-04-14 15:52:19.0
<a href="#">Attachment File Content Type Code</a>	A code describing the content type of a file.	2008-10-02 16:30:23.0
<a href="#">Calculation Material Code</a>	Code for material or fuel processed.	2021-12-16 10:46:46.0
<a href="#">Calculation Parameter Type Code</a>	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
<a href="#">Calculation Parameter Unit of Measure Code</a>	Code for the unit of measure for calculation parameter value.	2023-04-14 15:52:19.0
<a href="#">Control Measure Code</a>	Code that identifies the piece of equipment or practice that is used to reduce one or more pollutants.	2023-02-23 16:04:10.0
<a href="#">Control Status Code</a>	Code that identifies the operating status of the control.	2021-06-12 09:34:56.0
<a href="#">Coordinate Data Source Code</a>	The code that represents the party responsible for providing the latitude and longitude coordinates. See <a href="http://www.epa.gov/oeif">www.epa.gov/oeif</a> for more information on the proper usage of this code set.	2008-10-02 16:30:24.0
<a href="#">Emission Calculation Method Code</a>	Code that defines the method used to calculate emissions.	2015-03-23 07:40:37.0
<a href="#">Emission Factor Denominator Unit of Measure Code</a>	The denominator for the unit of measure of the reported emission factor.	2023-04-14 15:52:19.0
<a href="#">Emission Factor Numerator Unit of Measure Code</a>	The numerator for the unit of measure of the reported emission factor.	2023-04-14 15:52:19.0
<a href="#">Emission Operating Type Code</a>	Table of codes that identify the operating state for the emissions being reported.	2010-04-21 11:49:28.0
<a href="#">Emission Reduction Technique Code</a>	Code identifying the method used for reducing emissions from prescribed fires, agricultural fires, Native American Fires and Wildland Use fires emissions.	2008-10-02 16:30:24.0
<a href="#">Emissions QA Values</a>	Identifies potential outlier emissions data by Pollutant-SCC	2017-01-01 00:00:00.0
<a href="#">Emissions Type Code</a>	Defines the type of emissions produced by Onroad and Nonroad sources (e.g., exhaust, evaporative and tire wear) and mode types for commercial marine vessels (e.g., cruise and reduced speed zone).	2019-02-04 10:22:10.0
<a href="#">Emissions Unit of Measure Code</a>	Unit of measure for reported emissions.	2023-04-14 15:52:19.0
<a href="#">Event Classification Code</a>	Table of codes that identify the classification of a fire.	2008-10-02 16:30:24.0
<a href="#">Event Size Source Code</a>	Table of codes that identify methods used to determine the size of an event.	2008-10-02 16:30:24.0
<a href="#">Event Stage Code</a>	Identifies whether emissions reported are due to flaming, smoldering, or both.	2008-10-02 16:30:24.0
<a href="#">Facility Category Code</a>	Code that identifies the Clean Air Act Stationary Source designation. Examples include major, minor, and synthetic minor.	2008-10-02 16:30:23.0
<a href="#">Facility Site Status Code</a>	Code that identifies the operating status of the facility site.	2021-06-12 09:34:56.0

Showing 1 to 25 of 68 entries

First Previous **2** 3 Next Last

Download Results: [CSV](#)



# Augmentation Profile Information

## About Augmentation

The term "augmentation" from an EIS point of view describes a method of taking data from a source data set, usually from a State, Local, or Tribal (S/L/T) organization, and creating a resulting data set that "gap fills" any needed pollutants that may be missing from the source data set. The resulting data set is used in National Emissions Inventory selections to provide a more comprehensive set of data.

## Types of Augmentation

Of the various augmentation processes done by EPA, only HAP and Chromium are currently available within EIS. HAP augmentation creates emission estimates for HAPs based on CAP emissions from an existing EIS dataset (usually S/L/T). For example, toluene from a wood combustion process can be created by multiplying the VOC emissions by 0.05, which is the ratio of the toluene emission factor to the VOC emission factor. Chromium augmentation speciates "total" chromium (i.e., emissions from pollutant 7440473) into hexavalent and trivalent forms. For example, hexavalent chromium emissions from natural gas combustion is obtained from multiplying chromium by 0.04, since the natural gas combustion emissions have been estimated to be comprised of 4% hexavalent chromium and 96% trivalent chromium.

## Augmentation Approach

Augmentation is performed by applying a "best available" multiplication factor to generate a set of pollutants (i.e., "output" pollutants) based on the value of the "input" pollutant from a source data record. The output pollutant multiplication factors are based on characteristics of the source emissions records. These factors are grouped together for a specific source type and input pollutant into an augmentation profile. An augmentation profile is assigned to sources based on at least one of the following criteria (shown in priority order):

1. EIS Emissions Process ID (Point Only)
2. EIS Facility Site ID (Point Only)
3. County
4. State
5. Emissions type Code (Non-Point, On-Road, and Non-Road only)
6. Source Classification Code (SCC)
7. Regulatory Code
8. NAICS Code (Point Only)
9. Default if none of the other characteristics apply (used for chromium augmentation only)

A default augmentation profile is used for chromium augmentation in order that every chromium emission record is speciated to hexavalent and trivalent chromium.

Each augmentation profile consists of a set of factors for each output pollutant (i.e., each HAP, for HAP augmentation or Chromium in hexavalent and trivalent forms for Chromium augmentation)

The formulas used to compute emissions for HAP augmented records is:  
Emissions (From Input Pollutant) \* FACTOR = Emissions (For the Output Pollutant)

Where:

Emissions (From Input Pollutant) is the emissions of the input pollutant from the source dataset;

FACTOR is the multiplicative factor specific to the source (e.g., specific process, facility, SCC, etc.) and output pollutant from the augmentation profile assigned to the source;

Emissions (For the Output Pollutant) is the emissions of the output pollutant from the source dataset.

For chromium, the input pollutant is always chromium (7440473) and the output pollutant is either hexavalent chromium or trivalent chromium, and the hexavalent and trivalent factor from the same augmentation "profile" sum to 1.

## Links to Augmentation Factors

Augmentation factor information may be found in EIS via the following links:

[Augmentation Profile Names and Input Pollutants](#) - Displays general information about the profile and source of the profile names and factors.

[Augmentation Multiplication Factors](#) - Displays all the output pollutants and multiplication factors associated with a given Augmentation Profile and input pollutant.

[Augmentation Assignments](#) - Displays the characteristics of the data record for which the profile is based (the list of 9 items above).

[Augmentation Multiplication Factors and Assignments](#) - A composite table that provides a comprehensive view of all the combinations of output pollutants and assignment information associated with a given profile. Each of these views of the factors has the following capabilities:

Each of these views of the factors has the following capabilities:

1. Filtering by Augmentation Type
2. Filtering by entries in each column
3. Sorting results by column
4. Creating a CSV download of the data
5. Provides a link from the profile name to a detail view for that profile showing all the profile information about that profile name in a single view.

# QA Checks



## QA Check Search

### Search Criteria

- Check # » N/A
- Check Name » N/A
- Description » N/A
- Error Message » N/A
- Resolution Message » N/A
- Severities » Critical » Unknown » Protected\_Warning » Protected » Warning
- Types » All types.
- Data Categories » All data categories.
- Components » All components.
- Data Elements » All data elements.

show **10** entries

Search on:

Check ID	Check Name	Check Type	Error Level	Check Description	Error Message	Resolution Message	Data Categories	Components	Data Elements	NCD	Last Updated On
0	An undocumented Critical QA Check has failed.	Duplication	Warning	An undocumented Critical QA Check has failed.	An undocumented Critical QA Check has failed.	Please open a support request for the EIS Team to Investigate.				no	2016-02-23 07:28 AM
15	Modification of Permit Status	Conditional	Warning	User role not permitted to modify permit status.	User role is not permitted to modify the Emissions Unit Permit Status, Permit Status Begin Year, or Permit Status End Year fields. Changes to these fields will not be saved.	Please contact EPA through the Create Support Request on the EIS Gateway to have the data changed.	Facility Inventory	EmissionsUnit	PermitStatusBeginYear PermitStatusCode PermitStatusEndYear	no	2021-06-12 10:46 AM
19	Modification of Read-only field status	Format	Warning	User role not permitted to modify read-only status.	User role is not permitted to modify the Read-only status for this field. Changes to the read-only status will not be saved.	Please contact EPA through the Create Support Request on the EIS Gateway to have the data changed.	Facility Inventory	Component name will be dynamic and pertain to the component relevant to the field.	Data element will be dynamic and pertain to the field with the readonly status	no	2021-06-12 10:43 AM
20	Primary NAICS Protected	Conditional	Protected_Warning	If the data in the EIS for Primary NAICS is protected, the data will not be stored. A request to unprotect the data can be made through the Gateway.	If the data in the EIS for Primary NAICS is protected, the data will not be stored. A request to unprotect the data can be made through the Gateway.	Please contact EPA through the Create Support Request on the EIS Gateway.	Facility Inventory	FacilityNAICS	NAICSCode NAICSType	no	2022-10-11 07:19 AM

# Inventory Cycle Management



## Inventory Cycle Management

### ▼ Facility Inventory Window

Submission Type	User Type	Facility Inventory
QA	SLT	Open
Production	SLT	Open

### ▼ Inventory Cycles

Inventory Year	Submission Type	User Type	Point	Nonpoint	Onroad	Nonroad	Event
2022 Current	QA	SLT	Open	Open	Open	Open	Open
	Production	SLT	Open	Open	Open	Open	Open
2021	QA	SLT	Open	Open	Open	Open	Open
	Production	SLT	Open	Open	Open	Open	Open
2020	QA	SLT	Closed	Open	Open	Open	Closed
	Production	SLT	Open	Closed	Closed	Closed	Closed
2019	QA	SLT	Closed	Closed	Closed	Closed	Closed



# Software and Tools

<https://www.epa.gov/air-emissions-inventories/emissions-development-tools>



Search EPA.gov



Environmental Topics ▾

Laws & Regulations ▾

Report a Violation ▾

About EPA ▾

## Air Emissions Inventories

[CONTACT US](#)

[Air Emissions Inventory Home](#)

[Data and Documentation](#)

[Reports and Summaries](#)

[Air Pollutants Emissions Trends Data](#)

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

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

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

[Emissions Inventory System](#)

## Emissions Development Tools

These air emission inventory tools are used to develop the National Emissions Inventory (NEI).

- [WebFIRE](#) is EPA's online emissions factor repository, retrieval, and development tool.
- [SCC Search Tool and Web Service](#) is a searchable data base of the source classification codes that are used to characterize emissions in the NEI.
- [EIS Reporting Code Tables \(zip\)](#) is a zip file containing the different point source reporting codes used to report facility and emissions data in both xls and csv formats. A readme file is also included.



# Viewing Information in the EIS Gateway – Support

# Administration Console



## Administration Console

### Submission Queue

Show  entries

**Priority**  **Submitted At**  **Submitted By**  **Transaction ID**  **Data Category**  **Submission Type**  **Comment**

No matching records found

Showing 0 entries

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

Download Results: [CSV](#)

### Failed User Authorization

Show  entries

**CDX Transaction ID**  **Submitter CDX Account Name**  **Program System Code**  **Data Category**  **Submission Type**  **Date/Time Submitted**  **Resolved**

No matching records found

Showing 0 entries

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

Download Results: [CSV](#)

# View All Announcements



## All Announcements

[FIX DEPLOYED for Continued issue with Facility Inventory uploads of Production submissions \(UPDATED 1/17 second time\)](#)

1234

POSTED BY JAVA 1234 REVIEW 1234 ON 2023-09-03 09:17 AM

[Point processing bug / 2021 Submittal deadline / Completeness&QA](#)

due to the EIS processing bug impacting adding new emission units, the deadline for submittal of 2021 Point emissions has been extended thru the end of day (Hawaii time) Weds February 1. Completeness letters will go out on March 1, and we will have a Draft 2021 Point NEI completed for Air Toxic Screening risk modeling by April 1. Please use an EIS emissions report to compare totals in EIS to what you have in your S/L systems to verify that everything that you thought you sent was accepted and stored in EIS. And please review the EIS Gateway's on-line Data Completeness Report for the "Requ'd CAPs Missing/Outlier" column before March 1 to insure Completeness. Other non-required Outliers should be reviewed and resolved before April 1 if possible, but these will not affect the "Completeness %" for the March 1 letters.

POSTED BY RON RYAN ON 2023-01-04 03:22 PM

[Check your 2021 point source totals - EIS vs your S/L systems](#)

just a reminder that it is good practice to check the pollutant totals stored in EIS after you have completed the year's reporting to the totals that you have in your S/L data system, or the totals that you extracted for export to EIS if not a full extract. If your feedback reports for point emissions submittals had no critical errors the totals should be equal, but it's a good end-around check on all parts of the process.

POSTED BY RON RYAN ON 2022-12-19 10:01 AM

[Deployment of updates EIS Monday morning 11/7](#)

On 11/7, updated to EIS will be deployed. This is our usual biweekly deployment. However, the database update script that is part of our deployment may take longer to run than usual, up to a half hour as opposed to the usual minute or so. This shouldn't cause any issue but we wanted to let users know in case it does.

POSTED BY CHRIS XMAN2 CHAPMAN ON 2022-11-08 08:02 AM

[EIS May be Briefly Unavailable morning of 10/27](#)

Due to database maintenance EIS may be unavailable for 10 minutes or so between 7 and 8 am Eastern Time on October 27, 2022.

POSTED BY CHRIS XMAN2 CHAPMAN ON 2022-10-27 10:02 AM

[SCC Link to Synaptica RESTORED](#)

The link for the "Reporting Code Tables" --> "Source Classification Code - Synaptica" function has been fixed.

POSTED BY JONATHAN MILLER ON 2022-08-02 01:05 PM

[EIS Outage Notice for Sunday, April 10](#)

The National Computer Center will be patching their Linux servers starting at 2pm on Sunday April 10 through Monday April 11 at about 8am. EIS may be briefly unavailable during this time while the server is patched and rebooted.

POSTED BY JONATHAN MILLER ON 2022-04-15 10:19 AM

[EIS Gateway Unavailable on Saturday, April 2](#)

Due to critical security maintenance, EPA Gateway integrated authentication services will be unavailable on Saturday, April 2, from 9:00 a.m. to 7:00 p.m. ET. This outage will prevent anyone from accessing the EIS Gateway during this time. We apologize for any inconvenience and appreciate your patience.



# Create a Support Request



User Role

## Create a Support Request

Request Creator: Chris Chapman

Support Category: SystemIssue

Support Request Message: This is a test

Submit Undo Cancel

# See Your Support Requests



User Role

## Support Requests

Status:

Category:

View By:

Show  entries

Request ID	Status	Category	Message	Created	Created By
26945	Opened	SystemIssue	<a href="#">This is a test</a>	2023-09-20 10:25 AM	Chapman, Chris XMAN2

Showing 1 to 1 of 1 entries

Download Results: [CSV](#)



# EIS Users Guide



## Welcome to EIS Users' Guide

User Support Documentation for navigating the Emissions Inventory System, Bridge Tool and ETL Submissions.

[EIS Gateway →](#)

[ETL and Bridge Tools →](#)

### EIS Gateway

Here you will find detail instructions and documentation through various parts of the Gateway.

- [View / Add / Edit](#)
- [Reports](#)
- [Reference Data](#)
- [Support](#)
- [Account Data](#)

### ETL and Bridge Tools

This section provides detail documentation and visual illustrations within ETL and its core data elements; Detail guide for Bridge Tools.

- [About CDX](#)
- [Submissions Overview](#)
- [CERS](#)
- [Bridge Tools](#)
- [Exchange Network Service Center](#)

Last Updated Date: March 31, 2022



# Viewing Information in the EIS Gateway – Account Data



# My Account - Account Profile



## ACCOUNT PROFILE

First Name: Chris  
Middle Name: XMAN2  
Last Name: Chapman  
Suffix:  
E-Mail Address: chapman.chris@epa.gov  
Work Phone: 919-541-2073  
Cell Phone:  
Locality: Research Triangle Park  
State: North Carolina  
Supervisor Name, Phone & Email: martin Husk Husk.Martin@epa.gov 919-541-3621

[Edit Account Profile](#)

## ACCOUNT INFORMATION

Show  entries

Agency	Account Has Write Permission	View Agency
EIS	true	<a href="#">View Agency</a>

Showing 1 to 1 of 1 entries

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

Download Results: [CSV](#)

## ACCOUNT ADMINISTRATION

User Roles: Authenticated Role, S/L/T User Role  
User Identification: cchapman  
Account Type: Identity Access Management  
Account Enabled: yes  
Terms Accepted: yes  
Profile Accepted: yes  
Last Login Time: 2023-09-20 10:21 AM

## SUPPORT REQUEST CATEGORIES

- AcceptEpaData - Onroad  AcceptEpaData - Nonroad  Authorization  Code  DataTagging  DraftGprComment  DuplicateFacilities  General  ProtectedData  QACheck  SystemIssue  
 Feedback - Facility Inventory  Feedback - Point  Feedback - Nonpoint  Feedback - OnRoad  Feedback - Nonroad  Feedback - Event

## 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

# My Agency – Agency Organization Detail



## Agency Organization Detail

### CURRENT AGENCY

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

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

### ACTIVE AGENCY RESPONSIBILITIES

Show 25 entries

Geopolitical Region	Data Category	Effective Date
Federal Waters - US Gulf Coast, Federal Waters	Event	2009-09-22
Federal Waters - US Gulf Coast, Federal Waters	Nonroad	2009-09-22
Federal Waters - US Near Alaska, Federal Waters	Event	2009-09-22
Federal Waters - US Near Alaska, Federal Waters	Onroad	2009-09-22
Federal Waters - US Near Alaska, Federal Waters	Facility Inventory	2009-09-22
Federal Waters - US Near Alaska, Federal Waters	Nonroad	2009-09-22
Federal Waters - US Near Hawaii, Federal Waters	Event	2009-09-22
Federal Waters - US Near Hawaii, Federal Waters	Onroad	2009-09-22
Federal Waters - US Near Hawaii, Federal Waters	Facility Inventory	2009-09-22
Federal Waters - US Near Hawaii, Federal Waters	Nonroad	2009-09-22
Federal Waters - US North Pacific, Federal Waters	Facility Inventory	2009-09-22
Federal Waters - US North Pacific, Federal Waters	Onroad	2009-09-22
Federal Waters - US North Pacific, Federal Waters	Nonroad	2009-09-22
Federal Waters - US North Pacific, Federal Waters	Event	2009-09-22
Federal Waters - US South Pacific, Federal Waters	Onroad	2009-09-22
Federal Waters - US South Pacific, Federal Waters	Facility Inventory	2009-09-22
Federal Waters - US South Pacific, Federal Waters	Event	2009-09-22
Federal Waters - US South Pacific, Federal Waters	Nonroad	2009-09-22
Federal Waters, Federal Waters	Onroad	2009-09-22
Federal Waters, Federal Waters	Nonroad	2009-09-22
Federal Waters, Federal Waters	Event	2009-09-22
Guam, Guam	Nonroad	2019-04-26
Guam, Guam	Event	2019-04-26
Guam, Guam	Nonpoint	2019-04-26
Guam, Guam	Facility Inventory	2019-04-26

Showing 1 to 25 of 304 entries

Download Results: [CSV](#)

### RETIRED AGENCY RESPONSIBILITIES

Show 25 entries

Geopolitical Region	Data Category	Effective Date	End Date
---------------------	---------------	----------------	----------

# Logout (close the browser)



## EPA Web Application Access Logout

**You have successfully logged out of the Application.**

For security reasons please close your Browser (X-out Upper Right-hand corner) to complete logout process.

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

### Need Assistance?

Call the EPA Customer Support Center at 1-866-411-4EPA  
or email at [EPACallCenter@epa.gov](mailto:EPACallCenter@epa.gov)





# Submitting Data



# Submitting Data Steps

Two ways to submit

Node to Node

XML via Interface

XML process

Authorization to submit

Create XML in Bridge Tool

Submit via ENSC

Feedback Reports (next section)



# Bridge Tool Basics – Why Is It Needed?

- Created in 2008 to Assist Agencies in Converting “Flat File” Formats of Data to Extensible Markup Language (XML)



Source Data Available in Spreadsheets or Some “Flat File” Formatted Style

MS Access Application That Converts the Table-Style Data to XML Format

All Files Submitted Through the Exchange Network Must be in XML. This is the File That is Submitted to EIS.



# Bridge Tool Basics – Page 1

- Formats Tabular Data Into CERS XML Format
- Three Different tools
  - Non-Point / On-Road / Non-Road Data Categories,
  - Event Bridge Tool
  - Facility Inventory & Point Emissions
- <https://www.epa.gov/air-emissions-inventories/eis-bridge-tools>

# Bridge Tool – Enable Content



A screenshot of the Microsoft Access 2007 interface. The title bar shows the file name "facility\_point\_bridgetool : Database- C:\Users\SDOMBROW\AppData\Local\Microsoft\Windows\INetCache\IE\EBPMJDCO\facility\_point\_bridgetool.accdb (Access 2007 -...)" and the user name "Dombrowski, Sally". The ribbon is set to "Home" and includes tabs for "File", "Home", "Create", "External Data", and "Database Tools". The ribbon contains various toolbars such as "Clipboard", "Sort &amp; Filter", "Records", "Find", and "Text Formatting". A yellow security warning banner is displayed across the top of the workspace, stating "SECURITY WARNING Some active content has been disabled. Click for more details." and features a button labeled "Enable Content" which is circled in red. On the left side, the "All Access Objects" pane is open, showing a list of tables under the heading "Tables". The first table, "AlternativeFacilityIdentification", is selected and highlighted in red. Other tables listed include "AlternativeFacilityName", "AlternativeUnitIdentification", "ControlApproach", "ControlMeasure", "ControlPollutant", "DocumentHeader", "Emissions", "EmissionsProcess", and "EmissionsUnit". The main workspace area is currently empty, showing a tab for "frmStartup".



A screenshot of Microsoft Access showing the "Main Menu" form. The interface includes a ribbon with tabs for File, Home, Create, External Data, Database Tools, and Help. The "All Access Objects" pane on the left lists various tables, queries, and forms. The main window displays the "Main Menu" form with the following content:

*Area Emissions Inventory System Bridge Tool*  
*Version: October 28, 2021*

Import from CERS XML

Export to CERS XML

Edit Data Tables

View QA Report

View XML Conversion Report

Export Onroad/Nonroad XML Wrapper

Import Staging Tables

# Bridge Tool – Main Menu

# Bridge Tool – User Identification



A screenshot of the Microsoft Access Bridge Tool interface. The main window displays the "Export to CERS XML" dialog box. The dialog box has a title bar "Export to CERS XML" and a subtitle "Export to CERS XML". It contains several fields for user identification: "File Location" (with a browse button), "Data Category" (set to "Nonpoint"), "Emissions Year" (empty), "Submission Type" (set to "Production"), "User Identifier" (circled in red), "Author Name" (empty), "Organization Name" (empty), "Program System Code" (empty), "EPA Dataset" (empty), "Keywords" (empty), and "Submission Comment" (empty). At the bottom of the dialog are "Begin Export" and "Cancel" buttons. The background shows the Access Bridge Tool ribbon with tabs for File, Home, Create, External Data, Database Tools, and Help. The "All Access Objects" pane on the left lists various tables and queries.

**Common Mistake!!!**

# EIS User ID and XML Submissions



## VIEW/ADD/EDIT

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

## REPORTS

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

## REFERENCE DATA

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

## SUPPORT

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

## ACCOUNT DATA

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

Cell Phone:  
Locality: Durham  
State: North Carolina  
Supervisor Name, Phone & Email: Supervisor Name, Phone & Email

### ACCOUNT INFORMATION

Show 25 entries

Agency	Account Has Write Permission	View Agency
North Carolina Department of Environmental Quality	false	<a href="#">View Agency</a>

Showing 1 to 1 of 1 entries

First Previous 1 Next Last

Download Results: [CSV](#)

### ACCOUNT ADMINISTRATION

User Roles: Authenticated Role, S/L/T User Role  
**User Identification:** xldayton  
Account type: Identity Access Management  
Account Enabled: yes  
Terms Accepted: yes  
Profile Accepted: yes  
Last Login Time: 2023-09-01 09:45 AM

### 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

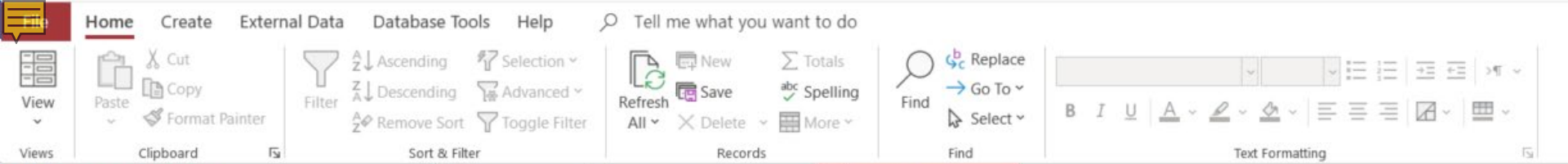
# Bridge Tool – Submission Type



The screenshot shows the Microsoft Access interface with the "Export to CERS XML" dialog box open. The dialog box is titled "Export to CERS XML" and contains the following fields:

- File Location: C:\Users\ldayton\OneDrive - Environmental Protection Agency (EPA)\Documents (with a "Browse..." button)
- Data Category: Nonpoint
- Emissions Year: (empty)
- Submission Type: Production (circled in red)
- User Identifier: (empty)
- Author Name: (empty)
- Organization Name: (empty)
- Program System Code: (empty)
- EPA Dataset: (empty)
- Keywords: (empty)
- Submission Comment: (empty)

Two red arrows point from the "Production" dropdown menu to a box on the right containing the text "Production". The text "QA" is positioned above the box. At the bottom of the dialog box are "Begin Export" and "Cancel" buttons.



All Access Objects

Search...

Tables

- ControlApproach
- ControlMeasure
- ControlPollutant
- DeleteReportingPeriod
- DocumentHeader
- Emissions
- EmissionsProcess
- Location
- OperatingDetails
- Regulation
- ReportingPeriod
- SupplementalParameter

Queries

- Query1
- Query2

Forms

- frmMainMenu

## Export to CERS XML

File Location:

*Complete / Verify Header Information*

Data Category:

Emissions Year:

Submission Type:

User Identifier:

Author Name:

Organization Name:

**Program System Code:**

EPA Dataset:

Keywords:

Submission Comment:

# Bridge Tool – Program System Code

### Agency Organization Detail

**CURRENT AGENCY**

Agency Description: North Carolina Department of Environmental Quality  
Agency Type: State  
ETL Process Group: 2

[Agency Responsibilities](#) | [Agency Members](#) | [Program System Codes](#) | [Allow Access](#) | [Feedback Reports](#) | [Nonpoint Survey](#)

#### PROGRAM SYSTEM CODES

Show  entries

Agency Main System	Available	Code	Description	Agency	Agency Type
★ Facility Inventory	☆ Event	<u>N</u> C <u>D</u> A <u>Q</u>	North Carolina Department of Air Quality	North Carolina Department of Environmental Quality	State

Showing 1 to 1 of 1 entries

Download Results: [CSV](#)

First Previous 1 Next Last



# Bridge Tool – Submission Comments



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

View Paste Cut Copy Format Painter Filter Filter Ascending Descending Remove Sort Selection Advanced Toggle Filter Refresh Save Delete More Find Replace Go To Select Text Formatting

All Access Objects Search... Main Menu Export to CERS XML

## Export to CERS XML

*Export to CERS XML*

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

*Complete / Verify Header Information*

Data Category: Nonpoint

Emissions Year: 2023

Submission Type: QA

User Identifier: xldayton

Author Name: Lindsay Dayton

Organization Name: North Carolina Department of Environmental Quality

Program System Code: NCDAQ

EPA Dataset:

Keywords:

Submission Comment: any notes you want to add (ex: emissions for sector xyz)

Begin Export Cancel

The screenshot shows the Microsoft Access interface with the "Export to CERS XML" dialog box open. The dialog box contains several input fields for header information, including file location, data category, emissions year, submission type, user identifier, author name, organization name, program system code, EPA dataset, keywords, and a submission comment. The "Begin Export" and "Cancel" buttons are visible at the bottom of the dialog.



# Submitting Data Steps – ENSC Node Logon page

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:**

Login

[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.



# Submitting Data Steps – ENSC Account Request page

Environmental Information **exchange Network** SERVICES CENTER [Home](#) | [Contact Us](#)

## Request an Exchange Network Account

Provide the information below to request access to the Environmental Information Exchange Network. You must first request a Test account. Once you have a Test Account, you will need to successfully complete a test transaction using that account before you can request a Production account.

\*All fields required unless otherwise noted.

Select the type of Account being requested:  
 Test Account (required before requesting a Production Account)  
 Production Account  
Enter Transaction ID of successful Test transaction :

Name:

Organization:

Work Address:

City:

State:  Zip Code:

Email Address:


Supervisor's Name:

Supervisor's Email Address:

Type of Account:

DataFlow

[Cancel](#) [Request Account](#)

I'm not a robot 

This is separate from the other steps to get an EIS account, and in fact is separate email and password, not tied to your Login.gov, or EIS Userid.

But if you want to submit data via the ENSC, you must request an account.

EIS team approves these requests.





# Submitting Data Steps – ENSC Services page

Environmental Information  
**exchange** Network

**SERVICES CENTER**

Logged In: [chapman.chris@epa.gov](mailto:chapman.chris@epa.gov)  
[My Profile](#) | [Help](#) | [Contact Us](#) | [Logout](#)

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

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

Make this my Start page

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

[All](#) | [Send Info](#) | [Get Info](#) | [Download](#) | [Execute](#) | [My Queries](#)

Find a Service:   My Services  Services Directory [Find](#)

<u>Service Name</u>	<u>Service Description</u>	<u>Publisher</u>	<u>RSS-enabled</u>	<u>Last Used</u>
<a href="#">NGNProd2.0/CERS_v2/default</a>	EIS Submit: Send CERS 2.0 files to the Emissions Inventory System (EIS).	U.S. Environmental Protection Agency	No	3/30/2023 9:05:37 PM -04:00



# Submitting Data Steps – ENSC File Upload page

Environmental Information  
**exchange Network** | SERVICES CENTER

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

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

[Add this page to My Quick Links](#)

### Express Request: default ?

Select a Document to Upload (max. size 1 GB):

connfac.zip

You have selected the following file(s):  
connfac.zip [View](#) | [Remove](#)

Enter Email Address(es) to Notify of Transaction Status Change (separate with comma):  
chapman.chris@epa.gov

[Provide information \(metadata\) about this Document \(recommended\)](#)

### You are currently using the following Service:

**Service Name**  
default

**Description**  
EIS Submit: Send CERS 2.0 files to the Emissions Inventory System (EIS).

**Transaction Type**  
Submit

**Dataflow**  
CERS\_v2

**Node**  
NGNTest2.0

**Publisher**  
U.S. Environmental Protection Agency

[Select a different Service](#)

There is currently a known bug within ENSC with the metadata – do not fill in this information! It will cause an error!



# Submitting Data Steps – ENSC Result Page

Environmental Information | **exchange Network** | **SERVICES CENTER**

Logged In: [chapman.chris@epa.gov](mailto:chapman.chris@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 **connfac.zip** has been received.

The following **Transaction ID** has been assigned to this request:  
**\_eef37fc1-fdd5-4a52-9160-f2720fdb7283**

**Current Status of Request:**

Transaction Status	Service Name	Transaction Type	Date
Processing	default	Send Information	9/18/2023 11:12 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](#)



# Submitting Data ENSC - references

- Handy references:
  - User Guide: [ETL \(epa.gov\)](#)
  - Statement: [How Do I Submit to EIS Using the Web Client? \(epa.gov\)](#)



# QA of Submitted Data



# EIS Feedback Reports

EIS Feedback Report:  
Number of data records  
submitted, validity of Codes

Critical errors: Incorrect fields, missing information, no unit of measurement

Warning checks: Magnitude is off (conversion error or incorrect unit of measurement reporting), missing numerator/denominator.

# Feedback Reports – Submission History

## Agency Organization Detail

### CURRENT AGENCY

**Agency Description:** North Carolina Department of Environmental Quality

**Agency Type:** State

**ETL Process Group:** 2

Agency Responsibilities

Agency Members

Program System Codes

Allow Access

Feedback Reports

Nonpoint Survey

### View/Add/Edit

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

### REPORTS

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

### REFERENCE DATA

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



Agency Responsibilities

Agency Members

Program System Codes

Allow Access

Feedback Reports

Nonpoint Survey

## SUBMISSION HISTORY

Show 25 entries

CDX Tracking #	Status	Submitter	Data Category	Type	Inventory Year	Model/EPA Dataset	Submitted	Submission Comment
<a href="#">_dc5bd20f-1d2c-4152-817a-762cecd650b</a>	COMPLETED	Tammy Manning	Point	PRODUCTION	2021		2022/12/29 12:43:18 PM	
<a href="#">_e7f9bda8-9ffb-4097-8429-1ee079cbc860</a>	COMPLETED	Tammy Manning	Facility Inventory	PRODUCTION	2021		2022/12/29 08:42:23 AM	
<a href="#">_71f028c1-1270-47d9-a130-69389be1b51e</a>	COMPLETED	Tammy Manning	Facility Inventory	PRODUCTION	2021		2022/12/29 08:42:20 AM	
<a href="#">35a24d1d-5450-4e62-a1d5-5ee1c85a7ea8</a>	COMPLETED	Tammy Manning	Facility Inventory	PRODUCTION	2021		2022/12/29 08:06:42 AM	
<a href="#">_579b6464-f4e9-4d98-94ac-2f626efd4f86</a>	COMPLETED	Tammy Manning	Facility Inventory	PRODUCTION	2021		2022/12/28 11:37:19 AM	
<a href="#">_5b57fb78-af48-468a-a4c7-fcd420544f0f</a>	COMPLETED	Joshua Bartlett	Nonpoint	PRODUCTION	2020		2022/04/11 03:48:15 PM	Revised submittal of compo environment
<a href="#">_cb2c1b08-2700-4d6b-b3ca-1698b370b5ef</a>	COMPLETED	Andrew Bollman	Nonpoint	PRODUCTION	2020		2022/03/29 01:53:13 PM	Submittal of Nonpoint Emis:



# Feedback Reports – Email Notification



-----Original Message-----

From: [noreply@epa.gov](mailto:noreply@epa.gov) <[noreply@epa.gov](mailto:noreply@epa.gov)>

Sent: Thursday, July 8, 2021 4:15 PM

Subject: [EXTERNAL] EIS Facility Inventory submission notification

\*\*\* This is an EXTERNAL email. Please exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email - STS-Security. \*\*\*

Dear EIS User,

On 2021-07-08 05:11 PM a submission was made on your behalf. The submission has been processed and feedback is available in the Gateway.

Data Category : Facility Inventory

Transaction ID : \_56d03d47-055f-4059-aaac-27952999210e

Type : QA

Status : COMPLETED

Follow the link below if you wish to review the submission's QA Feedback report.

[https://urldefense.com/v3/ https://eis.epa.gov/eis-system-web/agency/submissions/downloadFeedbackReport.html?submissionId=53668 ;!!PRtDf9A!65bMQogtEsfvuetZV00\\_3JCB-h5uzWyZJz5jnCYlccMlweKiM7NzphbCrVeHDuyWuUQPQ\\$](https://urldefense.com/v3/https://eis.epa.gov/eis-system-web/agency/submissions/downloadFeedbackReport.html?submissionId=53668;!!PRtDf9A!65bMQogtEsfvuetZV00_3JCB-h5uzWyZJz5jnCYlccMlweKiM7NzphbCrVeHDuyWuUQPQ$)

If you no longer wish to receive these notifications, login to the EIS Gateway and modify your notification preferences accordingly.

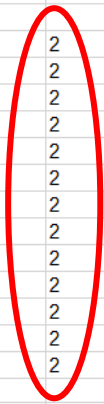
[https://urldefense.com/v3/ https://eis.epa.gov/eis-system-web/account/view.html ;!!PRtDf9A!65bMQogtEsfvuetZV00\\_3JCB-h5uzWyZJz5jnCYlccMlweKiM7NzphbCrVeHDtkdvljxg\\$](https://urldefense.com/v3/https://eis.epa.gov/eis-system-web/account/view.html;!!PRtDf9A!65bMQogtEsfvuetZV00_3JCB-h5uzWyZJz5jnCYlccMlweKiM7NzphbCrVeHDtkdvljxg$)



# Feedback Reports - Summary

Microsoft Excel ribbon showing tabs: File, Home, Insert, Draw, Page Layout, Formulas, Data, Review, View, Help. The Home tab is active, displaying options for Clipboard, Font, Alignment, Number, Styles, Cells, and Editing.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Submitter ID	Submission Date	Submission Status	CDX Submission ID	Emissions Year	Submittal Comment	Submitted to	Data Category	Total System Errors	Total Critical Errors	Total Warnings	Total CDBs stored	Geopolitical Code	System Errors per Location	Critical Errors per Location	Warnings per Location
2		2022-04-18 02:36 PM	COMPLETED	_b0d57edd-2da7-4dad-95f2020	2020		PRODUCTION	Nonpoint	0	1	26	0				
3													County:34003	0	0	2
4													County:34005	0	0	2
5													County:34007	0	0	2
6													County:34009	0	0	2
7													County:34011	0	0	2
8													County:34013	0	0	2
9													County:34015	0	0	2
10													County:34017	0	0	2
11													County:34021	0	0	2
12													County:34023	0	0	2
13													County:34031	0	1	2
14													County:34033	0	0	2
15													County:34039	0	0	2



Summary

Statistics | System Errors | Critical Errors | Warnings

# Feedback Reports – Statistics



Microsoft Excel interface showing a spreadsheet with the following data:

	A	B	C	D	E	F	G	H
1	<b>Component</b>	<b>Added</b>	<b>Updated</b>					
2	Location	0	0					
3	ExcludedLocationParameter	0	0					
4	LocationEmissionsProcess	126	3927					
5	ControlApproach	21	483					
6	Regulation	0	0					
7	DeleteReportingPeriod	0	0					
8	ReportingPeriod	7979	0					
9	OperatingDetails	4052	0					
10	SupplementalCalculationParameter	0	0					
11	Emissions	20469	0					
12	<b>Total</b>	<b>32647</b>	<b>4410</b>					
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The spreadsheet is displayed in the Microsoft Excel interface. The ribbon shows the 'Home' tab with various formatting options. The status bar at the bottom indicates the current sheet is 'Statistics', which is circled in red. Other sheets visible include 'Summary', 'System Errors', 'Critical Errors', and 'Warnings'.



# Feedback Report – Critical Errors



Data did not upload to EIS!

	A	B	C	D	E	F	G	H	I	J	K
	Geopolitical Code	SCC	Reporting Period Type	Pollutant Code	Critical Error	Critical Error Type	Critical Error Message	Resolution Message	Associated Data Component	Associated Data Component ID	Associated Data Component
1	County:47157	2103004000			2189	Conditional	A reporting period is required with an area emissions process.	Submit a reporting period with this area emissions process.	Emissions Process	2103004000	
2	County:47157	2103004000	A		2362	Conditional	PM25-FIL + PM-CON must be within 1 ton of PM25-PRI	Check Data and Re-enter.	Reporting Period		
3	County:47157	2630020000			2189	Conditional	A reporting period is required with an area emissions process.	Submit a reporting period with this area emissions process.	Emissions Process	2630020000	
4	County:47157	2630020000	A		1570	Conditional	All 4 of calculation calculation parameter value, calculation parameter unit of measure, calculation material code and calculation parameter type code must be reported together or none will be accepted	report all 4 elements or none	Reporting Period		Calculation Material Code, Calculation Parameter Unit Of Measure, Calculation Parameter
5											
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31											

Summary | Statistics | System Errors | **Critical Errors** | Warnings

# Feedback Report - Warnings

File Home Insert Draw Page Layout Formulas Data Review View Help

Cut Copy Paste Format Painter Clipboard

Arial 11 Bold Italic Underline Font Color Background Color

Wrap Text Alignment Merge & Center

General Number Conditional Formatting Format as Table

Normal Bad Good Neutral Calculation Check Cell Explanatory Input Styles

Insert Delete Format Cells

AutoSum Fill Clear Sort & Filter Find & Select Editing

A1 Geopolitical Code

	A	B	C	D	E	F	G	H	I	J	K
1	Geopolitical Code	SCC	Reporting Period Type	Pollutant Code	Warning	Warning Type	Warning Message	Resolution Message	Associated Data Component	Associated Data Component ID	Associated Data Element
2	County:34003	2505020060	A	VOC	474	Range	Total Emissions should be less than the outlier maximum for Volatile Organic Compounds.	Check data and re-enter.	Emissions	VOC	Total Emissions
3	County:34003	2505020180	A	VOC	474	Range	Total Emissions should be less than the outlier maximum for Volatile Organic Compounds.	Check data and re-enter.	Emissions	VOC	Total Emissions
4	County:34005	2505020060	A	VOC	474	Range	Total Emissions should be less than the outlier maximum for Volatile Organic Compounds.	Check data and re-enter.	Emissions	VOC	Total Emissions
5	County:34005	2505020180	A	VOC	474	Range	Total Emissions should be less than the outlier maximum for Volatile Organic Compounds.	Check data and re-enter.	Emissions	VOC	Total Emissions
6	County:34007	2505020060	A	VOC	474	Range	Total Emissions should be less than the outlier maximum for Volatile Organic Compounds.	Check data and re-enter.	Emissions	VOC	Total Emissions
7	County:34007	2505020180	A	VOC	474	Range	Total Emissions should be less than the outlier maximum for Volatile Organic Compounds.	Check data and re-enter.	Emissions	VOC	Total Emissions
8	County:34009	2505020060	A	VOC	474	Range	Total Emissions should be less than the outlier maximum for Volatile Organic Compounds.	Check data and re-enter.	Emissions	VOC	Total Emissions
9	County:34009	2505020180	A	VOC	474	Range	Total Emissions should be less than the outlier maximum for Volatile Organic Compounds.	Check data and re-enter.	Emissions	VOC	Total Emissions
10	County:34011	2505020060	A	VOC	474	Range	Total Emissions should be less than the outlier maximum for Volatile Organic Compounds.	Check data and re-enter.	Emissions	VOC	Total Emissions
11	County:34011	2505020180	A	VOC	474	Range	Total Emissions should be less than the outlier maximum for Volatile Organic Compounds.	Check data and re-enter.	Emissions	VOC	Total Emissions
12	County:34013	2505020060	A	VOC	474	Range	Total Emissions should be less than the outlier maximum for Volatile Organic Compounds.	Check data and re-enter.	Emissions	VOC	Total Emissions
13	County:34013	2505020180	A	VOC	474	Range	Total Emissions should be less than the outlier maximum for Volatile Organic Compounds.	Check data and re-enter.	Emissions	VOC	Total Emissions
14	County:34015	2505020060	A	VOC	474	Range	Total Emissions should be less than the outlier maximum for Volatile Organic Compounds.	Check data and re-enter.	Emissions	VOC	Total Emissions



# What is the EIS Data Completeness Report?

---

The NEI Plan refers to a Completeness Report (see the plan for more detailed information)

---

SLT agencies can run this report in EIS at anytime to check completeness

---

EPA will send a reminder of these about a month before the submittal windows close for each data category

---

Separate reports for each data category



# What is considered “Complete”?

## Point

- All facilities with “OP” status that are required to report for the NEI year
- All expected criteria pollutants are reported

## Nonpoint

- Nonpoint Survey status
- List of Input Templates submitted
- Expected CAPS/SCC percentage if submitting emissions
- Documentation and input data are provided to EPA if submitting emissions

## Onroad/Nonroad

- Accepts EPA defaults or Submits CDBs



### VIEW/ADD/EDIT

- » [Facility Inventory and Point Emissions](#)
- » [Potential Duplicate Facilities](#)
- » [Nonpoint/ Onroad/ Nonroad Emissions](#)
- » [Event Emissions](#)
- » [CDB Activity Data](#)
- » [Nonpoint Survey](#)

### REPORTS

- » [Request Reports](#)
- » [Report Downloads](#)
- » [Large File Download](#)
- » [Feedback Reports](#)
- » [Agency Submission History Report](#)
- » [Data Completeness Report](#)

### REFERENCE DATA

- » [Reporting Code Tables](#)
- » [Augmentation Profile Information](#)
- » [QA Checks](#)
- » [Inventory Cycle Management](#)
- » [Software and Tools](#)

### SUPPORT

- » [Administration Console](#)
- » [View All Announcements](#)
- » [View Support Requests](#)
- » [Create Support Request](#)
- » [EIS User Guide](#)

### ACCOUNT DATA

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

# Data Completeness Report – Select Data Category

Data Completeness Report

▼ **Select Data Category**

🔴 **Data Category:** -- Select --

- Select –
- Point
- Nonpoint
- Nonroad
- Onroad



# Point Emissions Data Completeness Summary Report



## Point Emissions Data Completeness Summary Report

[Data Completeness Report](#)

▼ Select Data Category

Data Category:

Inventory Year:

Data Last Updated 2023-09-19 03:00:01 AM  
(Updated Every 24 hours):

Show  entries

Agency Organization	Region Code	# Required Facilities	# Required Facilities Incomplete	% Required CAPs Reported	% Expected HAPs Reported	# Facilities With Outliers	Last Submitted Date
<a href="#">Alabama Department of Environmental Management</a>	04	146	0	100	88.5	13	2022-03-17
<a href="#">Alabama-Coushatta Tribes of Texas</a>	06	0	0	0	0	0	NA
<a href="#">Alaska Department of Environmental Conservation</a>	10	75	0	100	0	1	2022-05-13
<a href="#">Allegheny County Health Department</a>	03	7	0	100	97.3	1	2022-06-03
<a href="#">Arapahoe Tribe of the Wind River Reservation</a>	08	0	0	0	0	0	NA
<a href="#">Arizona Department of Environmental Quality</a>	09	22	1	99	97.9	2	2021-11-16
<a href="#">Arkansas Department of Environmental Quality</a>	06	97	1	99.7	76	4	2022-11-01
<a href="#">Asheville-Buncombe Air Quality Agency</a>	04	2	0	100	100	0	2022-01-19

# Point Emissions Data Completeness Summary Report

## - Facility Emissions



### Point Emissions Data Completeness Report » Point Em

#### Facility Emissions

##### Facility Information

Company Name:

EIS Facility ID: [7213511](#)

Facility Name: International Paper Company

Agency ID: 0003

Search pollutant | Search pollutant | Search pollutant code de | Search expected | Search outlier? | Search emissions | Search unit | 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	108952	Phenol	Yes	Yes	5517.26	LB	8212.0	32848.0	10000.0
HAP	7723140	Phosphorus	Yes	Yes	505.292	LB	632.0	2528.0	1000.0
CAP	NOX	Nitrogen Oxides	Yes	No	839.6219	TON	731.0	2926.0	1000.0
CAP	CO	Carbon Monoxide	Yes	No	539.3754	TON	300.0	2200.0	1000.0
CAP	PM10-FIL	PM10 Filterable	Yes	No	94.5157	TON	72.0	290.0	500.0
CAP	VOC	Volatile Organic Compounds	Yes	No	71.139824	TON	61.0	242.0	200.0
CAP	PM25-FIL	PM2.5 Filterable	Yes	No	58.5092	TON	46.0	182.0	500.0
CAP	PM-CON	PM Condensable	Yes	No	36.0787	TON	28.0	111.0	500.0
CAP	NH3	Ammonia	Yes	No	25.3062	TON	10.0	100.0	50.0
CAP	SO2	Sulfur Dioxide	Yes	No	17.102732	TON	14.0	58.0	1000.0
HAP	67561	Methanol	Yes	No	194867.6	LB	100000.0	500000.0	200000.0
OTH	7783064	Hydrogen Sulfide	Yes	No	84966.76	LB	77089.0	308355.0	10000.0
HAP	7647010	Hydrochloric Acid	No	No	23885.5	LB			500000.0
HAP	75070	Acetaldehyde	Yes	No	17868.48	LB	17093.0	68374.0	25000.0
HAP	110543	Hexane	No	No	9075.542	LB			100000.0
HAP	50000	Formaldehyde	No	No	7052.47	LB			50000.0
HAP	123386	Propionaldehyde	Yes	No	6089.122	LB	1000.0	25000.0	2500.0
HAP	1319773	Cresol/Cresylic Acid (Mixed Isomers)	Yes	No	3629.2	LB	200.0	10000.0	2000.0
HAP	67663	Chloroform	Yes	No	1195.24	LB	597.0	5869.0	5000.0
HAP	108054	Vinyl Acetate	No	No	1181.2	LB			10000.0
HAP	108101	Methyl Isobutyl Ketone	No	No	1064.22	LB			50000.0

Show 10 entries

Search eis fac | Search facility name | Search

EIS Facility ID	Facility Name	State	Agency Code
<a href="#">7213511</a>	International Paper Company	010	
<a href="#">7211811</a>	Boise White Paper, LLC	010	
<a href="#">7440511</a>	The Goodyear Tire & Rubber Company	010	
<a href="#">999511</a>	3M Company	011	
<a href="#">7917911</a>	Joy Global Conveyors, Inc.	010	
<a href="#">7441711</a>	Anniston Army Depot	010	
<a href="#">7441511</a>	Phiifer Incorporated	011	
<a href="#">888911</a>	Grede II LLC - Columbiana	011	
<a href="#">869611</a>	Toray Composite Materials America, Inc	011	
<a href="#">867511</a>	DC Alabama, Inc.	011	

Showing 1 to 10 of 298 entries

Download Results: [CSV](#)

Data Last Updated 2023-09-20 03:00:00 AM  
(Updated Every 24 hours):

psm | N/A | Search operati | Search operati | Search prima | Search facility sourc

View Emissions	Operating Status	Operating Status Year	Primary NAICS Code	Facility Source Type
	OP	2008	322110	Pulp and Paper Plant
	OP	2008	322120	Pulp and Paper Plant
	OP	2008	326211	Tire Manuf (not retread)
	OP	2008	325998	
	OP	2008	333922	
	OP	2008	928110	Military Base
	OP	2008	313310	
	OP	2008	331511	Foundries, Iron and Steel
	OP	2008	335991	
	TS	2021	331110	Ferroalloy Plant

First Previous 1 2 3 4 5 ... 30 Next Last

# Nonpoint Survey Tab on Completeness Report



## Nonpoint Emissions Data Completeness Summary Report

Data Completeness Report

Select Data Category

Data Category: Nonpoint

Inventory Year: 2020

Nonpoint Survey

Emissions Reporting

Show 25 entries

Search agency organization    Search # completed survey source categories    Search # survey source categories    Search categories not completed

Agency Organization	# Completed Survey Source Categories	# Survey Source Categories	Categories Not Completed
---------------------	--------------------------------------	----------------------------	--------------------------

25	35	35	
----	----	----	--

<a href="#">Puerto Rico</a>	33	35	Ag Silage, Asphalt Tool
-----------------------------	----	----	-------------------------

<a href="#">Missouri Department of Natural Resources</a>	33	35	Ag Silage, Asphalt Tool
--	----	----	-------------------------

<a href="#">Kansas Department of Health and Environment</a>	33	35	Ag Silage, Asphalt Tool
---	----	----	-------------------------

<a href="#">Arizona Department of Environmental Quality</a>	32	35	Ag Silage, Asphalt Tool, ICI Fuel Combustion - Commercial/Institutional Coal
---	----	----	--

<a href="#">Texas Commission on Environmental Quality</a>	10	35	Ag Burning Estimates, Ag Silage, Asphalt Tool, Backyard BBQ Tool, Commercial Cooking Tool, Construction Dust Tool, Gasoline Distribution Tool, ICI Fuel Combustion - Commercial/Institutional Natural Gas, ICI Fuel Combustion - Commercial/Institutional Oil, ICI Fuel Combustion - Commercial/Institutional Other, ICI Fuel Combustion - Commercial/Institutional Wood, ICI Fuel Combustion - Industrial Coal, ICI Fuel Combustion - Industrial Natural Gas, ICI Fuel Combustion - Industrial Oil, ICI Fuel Combustion - Industrial Other, ICI Fuel Combustion - Industrial Wood, Mining & Quarrying Tool, Oil And Gas Tool, Open Burning Tool, POTW Tool, Portable Fuel Containers Estimates, Residential Non-Wood Combustion Tool, Residential Wood Combustion Tool, Road Dust Tool, Solvent Tool
---	----	----	---

<a href="#">Texas Commission on Environmental Quality</a>	10	35	Ag Fertilizer Tool, Ag Pesticide Tool, Ag Silage, Ag Tilling Tool, Asphalt Tool, Aviation Gasoline Tool, Backyard BBQ Tool, Commercial Cooking Tool, Composting Tool, Construction Dust Tool, Dust from Hooves Tool, Gasoline Distribution Tool, ICI Fuel Combustion - Commercial/Institutional Coal, ICI Fuel Combustion - Commercial/Institutional Natural Gas, ICI Fuel Combustion - Commercial/Institutional Oil, ICI Fuel Combustion -
---	----	----	---

Aim for 35

Still need answers

# Emissions Reporting Tab on NP Completeness Report



## Nonpoint Emissions Reporting Detail Report

Data Completeness Report » Nonpoint Emissions Data Completeness Summary Report

NOTE: This report ONLY looks at places where you asked EPA NOT to supplement your data.

Agency: South Carolina Department of Health and Environmental Control  
 Survey Year: 2020  
 Survey Status: Complete  
 Total # Counties: 46  
 Data Last Updated: 2021-11-24 03:00:00 AM

Show 25 entries

EPA Category	Template Provided	NP SCC	Sector Description	SCC Short Name	Survey Answer	Survey Comment	# Counties Submitting Data	Acres Burned	Sum CO	Sum NOX	Sum SO2
Ag Burning Estimates	No	2801500263	Fires - Agricultural Field Burning	Agricultural Field Burning: Wheat and Cotton	No - Do Not Supplement My Data	No - I do not have this Source	0	0	0	0	0
Ag Burning Estimates	No	2801500264	Fires - Agricultural Field Burning	Agricultural Field Burning: Wheat and Soybeans	No - Do Not Supplement My Data	No - My inventory is complete. It does not need to be supplemented.	0	0	0	0	0

Showing 1 to 2 of 2 entries  
 Download Results: [CSV](#)

If you're not submitting emissions, consider using one of the other answers (other than option 1)

- "Yes - Supplement my data with EPA estimates"
- "No - Do Not Supplement My Data". You also have the option to select one of these 4 optional comments:
  1. No - I do not have this Source
  2. No - This source is included in my Point Source contributions
  3. No - My agency uses different SCCs
  4. No - My inventory is complete. It does not need to be supplemented.

# Nonroad and Onroad Emissions Data Completeness Summary Reports



## Onroad Data Completeness Report

Data Completeness Report

### Select Data Category

Data Category: Onroad

Inventory Year: 2020

Show 25 entries

Agency Organization	Region Code	Emissions Submitted?	CDB Activity File Submitted?	EPA Default Value Accepted?
Alabama Department of Environmental Management	04	NA	NA	NA
Alabama-Coushatta Tribes of Texas	06	NA	NA	NA
Alaska Department of Environmental Conservation	10	NA	2022-02-03	NA
Allegheny County Health Department	03	NA	NA	NA
American Samoa		NA	NA	NA
Arapahoe Tribe of the Wind River Reservation	08	NA	NA	NA
Arizona Department of Environmental Quality	09	NA	NA	NA
Arkansas Department of Environmental Quality	06	NA	NA	NA
Asheville-Buncombe Air Quality Agency	04	NA	NA	NA
Assiniboine and Sioux Tribes of the Fort Peck Indian Reservation	08	NA	NA	NA
Big Valley Band of Pomo Indians of the Big Valley Rancheria, California	09	NA	NA	NA
Bishop Paiute Tribe	09	NA	NA	NA
Blackfeet Tribe of the Blackfeet Indian Reservation of Montana	08	NA	NA	NA
Blue Lake Rancheria	09	NA	NA	NA
Broward County DPEP	04	NA	NA	NA
Bureau of Ocean Energy Management	999	NA	NA	NA
Cabazon Band of Cahuilla Mission Indians Reservation	09	NA	NA	NA
Caddo Indian Tribe of Oklahoma	06	NA	NA	NA
Cahuilla Band of Mission Indians of the Cahuilla Reservation, California	09	NA	NA	NA
California Air Resources Board	09	2022-04-06	NA	NA



# Example of “Incomplete” Completeness Report



**Point:**  
Complete

**Nonpoint:**  
Incomplete

**Onroad:**  
Complete

**Nonroad:**  
Complete

## MEMORANDUM

---

**Subject:** NEI 2020 Status Completeness Report

**From:** Rich Mason  
NEI Team Lead  
Air Quality Assessment Division  
Office of Air Quality, Planning & Standards

**To:** EPA Regional Offices, Emissions Inventory Leads and State and Local Air Directors

---

Under the Air Emissions Reporting Requirements Rule, or AERR, 40 CFR part 51, states and local agencies are required to collect and submit emissions data to the EPA.

Data for the triennial inventory year 2020 were due by January 15, 2022 for point sources and by March 31, 2022 for all other data categories. Agency staff were notified of their completeness status for point sources on April 20, 2022. For nonpoint sources, agencies were notified at Nonpoint Method Advisory (NOMAD) Workgroup calls as well as upon submission to EIS of their completeness status, on an individual basis, through the Nonpoint Iterative QA Summary Report. This memo serves as a status update of completeness for each data category according to the parameters outlined below.

An addendum graphing each agency's status in regards to others in the region is also included.

# Example of “Incomplete” Completeness Report (cont.)

---

## Data Category: Nonpoint

Date of last submission: Did not submit emissions

---

Nonpoint Survey Status: 100%

This information reflects the percent completed of your agency’s most current Nonpoint Survey submission located in the *EIS Gateway*.

Remaining categories to complete: None

---

ICI Fuel Combustion: Incomplete

Industrial, commercial and institutional fuel combustion emissions are an important part of the nonpoint data category, and completeness can be achieved in one of two ways: an agency can submit an ICI fuel combustion input template, or they can submit ICI fuel combustion emission to EIS.

**Action:** In order to be considered complete, emissions or an input template need to be submitted for the ICI sector. Please contact Rich Mason at [mason.rich@epa.gov](mailto:mason.rich@epa.gov) for assistance.

# Who will be contacted about the Completeness Reports?



**VIEW/ADD/EDIT**

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

**REPORTS**

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

**REFERENCE DATA**

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

**SUPPORT**

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

**ACCOUNT DATA**

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

1. Click on My Agency

### Agency Organization Detail

**CURRENT AGENCY**

Agency Description: North Carolina Department of Environmental Quality  
Agency Type: State  
ETL Process Group: 2

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

**AGENCY MEMBERS**

**CURRENTLY ACTIVE AGENCY MEMBERS**

Show 10 entries

Search first name | Search last name | Search suffix | Search locality | Search state | Search agency write permission

First Name	Last Name	Suffix	Locality	State	Agency Write Permission
Andrew	Bollman		Raleigh	North Carolina	true
Lindsay	Dayton		Durham	North Carolina	true
Nikole	Ditzler-Cordero		Raleigh	North Carolina	false
Tammy	Manning		Raleigh	North Carolina	true
Tammy	Manning		Raleigh	North Carolina	true
Todd	Pasley		Raleigh	North Carolina	true

Showing 1 to 6 of 6 entries

2. Review the Agency Members by clicking on their first name

### 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

Save Undo

3. Edit Notification Preferences

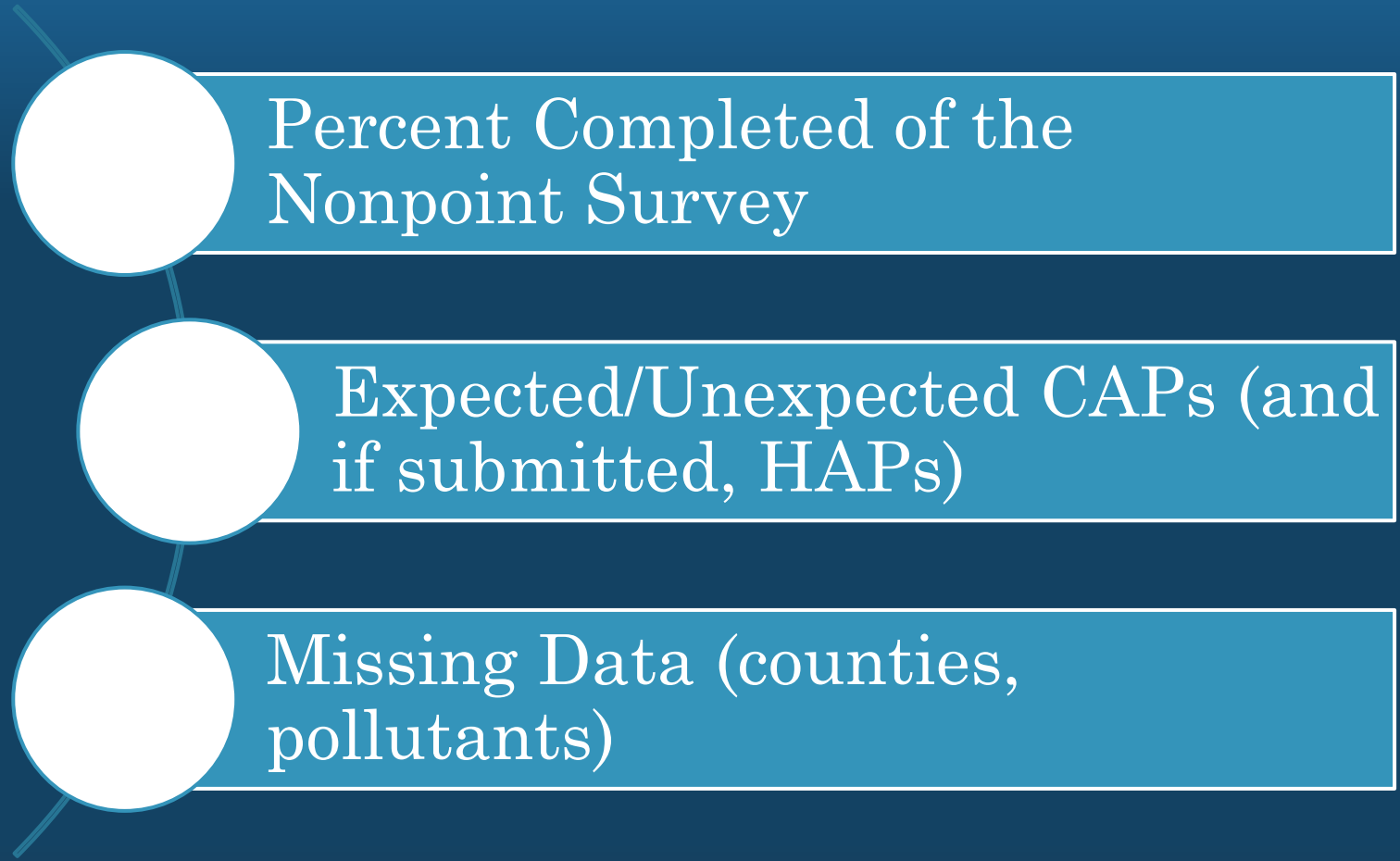




# The Iterative Nonpoint QA Summary Report



What QA checks are included in the report?



# Sample of Email Sent to Agencies



## 2020 NEI Nonpoint QA Summary Report



NEI\_help

To McDonald McDonald; Byeong.Kim@dnr.ga.gov; Phillips, Emily; Smith-Hayes, Tamara

Retention Policy 10 years (Capstone approach) (10 years)

Expires 3/26/2032

Reply

Reply All

Forward

Tue 3/29/2022 10:



Report-Georgia Department of Natural Resources-2022-03-29.html  
1 MB

Hi Nonpoint EIS Data Submitter,

You recently submitted some data for the 2020 NEI nonpoint data category, and we're following up! EPA has implemented a new iterative QA routine to provide feedback on submitted emissions more quickly.

**Please review the attached 2020 NEI Nonpoint QA Summary Report for information on your recent submission to the EIS Gateway.**

You still have until March 2022 to submit emissions or revisions to your inventory, including changes to the NP survey and inputs for the Wagon Wheel. Please note that If you submit corrected XML files, you must include all pollutants for an SCC, not just the pollutants you are resubmitting.

*\*If you believe a QA check in this report is incorrect, or you need further clarification on anything, please respond to this email ([NEI\\_help@epa.gov](mailto:NEI_help@epa.gov)) with further information and supporting documentation.\**

Thank you for your time spent reviewing this report. We hope this timely feedback will help us work towards an accurate 2020 National Emissions Inventory.

-EPA NEI Nonpoint QA Team

# Sample Iterative Report

Nonpoint Submission Summary

File | C:/Users/ldayton/AppData/Local/Microsoft/Windows/INetCache/Content.Outlook/JUMTRLH9/Report-Georgia%20Department%20of%20Natural%20Resources-2022-03-29.html

## Nonpoint QA Summary for Georgia Department of Natural Resources (GADNR)

Submission Summary

Nonpoint Survey Status: 100% Great job!

### Critical QA Checks

Missing Criteria Pollutants

### Additional QA Checks

No Unexpected Criteria Pollutants were found.

Unexpected Hazardous Pollutants

Missing Hazardous Pollutants

Review Table

## Nonpoint Submission Summary Report

We realize the window is still open, but in the new paradigm of automated QA here at EPA, we're providing timely feedback on your submission. You still have until March 2022 to submit!  
- EPA NEI Nonpoint QA Team

Report generated on: March 29, 2022

## Nonpoint QA Summary for Georgia Department of Natural Resources (GADNR)

EIS submission date(s): 2022-03-25, 2022-03-24

Submission included: 2 sectors, 2 SCCs

### Submission Summary

The following summary contains information on the most relevant and urgent QA findings for the 2 sectors included in your recent submission(s). We appreciate your time in reviewing these findings and helping us build a complete and accurate emissions inventory.

You will receive a new summary report with any additional submissions throughout the submittal window. Once the submittal window closes, additional QA will be done on all submissions to determine completeness based on your Agency's nonpoint survey answers.

**Please remember to include all pollutants, not just revised pollutants, if submitting corrected xml files.**

Nonpoint Survey Status: 100% Great job!

This information reflects the percent completed of your Agency's most current nonpoint survey submission located in the [EIS Gateway](#).

### Critical QA Checks

The following categories, shown in Red Text, indicate what we found that may prevent your submission from making it into the NEI as you intended. You should immediately review and correct, as necessary. When a QA check returns no findings, the check is shown in green text, meaning your data submission looks good.

# Sample Iterative Report (cont.)

Nonpoint Submission Summary

File | C:/Users/ldayton/AppData/Local/Microsoft/Windows/INetCache/Content.Outlook/JUMTRLH9/Report-Georgia%20Department%20of%20Natural%20Resources-2022-03-29.html

### Nonpoint QA Summary for Georgia Department of Natural Resources (GADNR)

Submission Summary

Nonpoint Survey Status: 100% Great job!

#### Critical QA Checks

Missing Criteria Pollutants

#### Additional QA Checks

No Unexpected Criteria Pollutants were found.

Unexpected Hazardous Pollutants

Missing Hazardous Pollutants

Review Table

Your list of HAPs is incomplete when compared to our expectations. EPA may tag out incomplete HAP submissions and, when available, use EPA tool estimates in the NEI. These can be identified in the file by filtering on "Complete Omission HAP" in the *REVIEW\_Flag* column.

**Action Suggested:** Update your submission to include all HAPs, or provide documentation on why they should or should not be included in the NEI. Alternatively, you may do nothing and EPA tool estimates will be used in the NEI when available.

## Review Table

The SCC/pollutant review table below is available for download by clicking on the Excel or CSV button.

Excel CSV Search:

SCC_CODE	POLLUTANT_CODE	POLL_Desc	POLL_numCounties	SCC_numCounties	POLL_numCountiesZeroEmis	POLL
2610000500	PM25-FIL	PM2.5 Filterable		159		
2610000500	SO2	Sulfur Dioxide		159		

For more details, see the [Nonpoint Iterative QA Training slides](#) on NEI SharePoint



# Creating the Final NEI



Overview

Augmentation

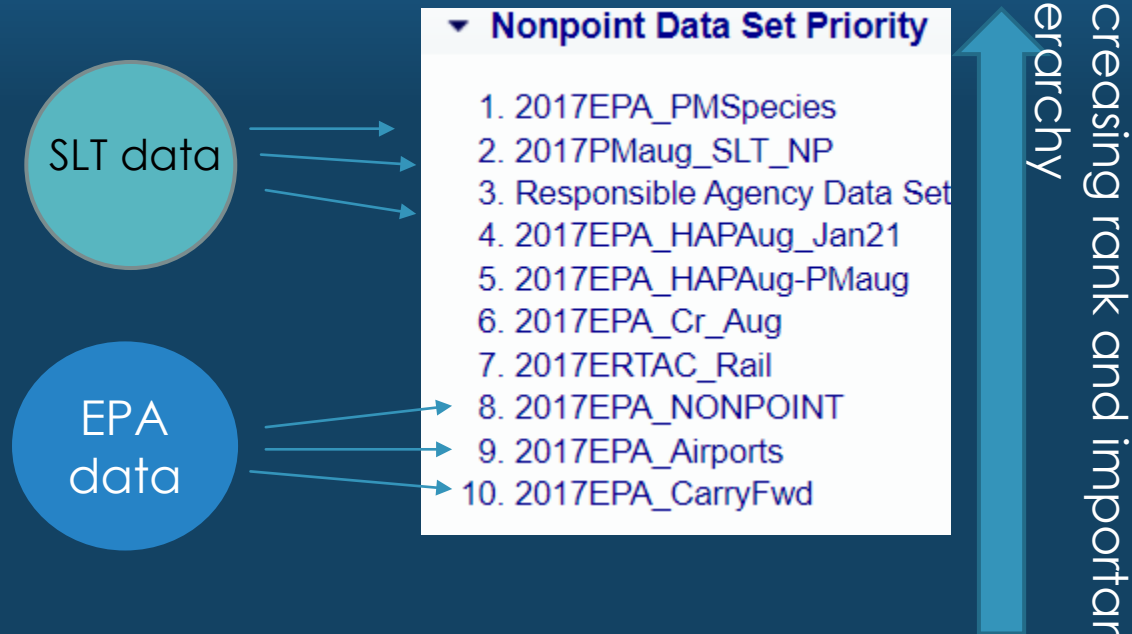
Data Tagging

Selection



# How do we select data for the NEI?

- EIS Software merges multiple datasets that may have overlapping data on a per emissions process and pollutant basis, and saves the results to a dataset
- “Best Choice” is Based on the Data Set Hierarchy
- A Given Selection May Exclude Data
  - Data That is Suspect or Otherwise Not Wanted to be Included in the Selection Can be “Tagged” by Inventory Developers.
  - Saying “No to Using EPA estimates” on your Nonpoint Survey Excludes this data too







# About Augmentations

- Gap fill for pollutants that SLTs may or may not provide (HAP Aug).
- Derive a pollutant that we want based on something we don't (Cr Speciation).
- Needed to have reasonable coverage for pollutants across the entire inventory
- Only “Annual” / “Routine” data that has not been tagged will be augmented.



# About Data Tagging

- Emissions values can be tagged-out so they aren't included in a selection.
- Largely done to prevent double counting, EPA estimates not superseding S/L/T values, or to keep state high value anomalies out.
- Inventory developer uploads csv file with different required elements for point files and nonpoint files.



# About Selections

- Inventory selection identifies emissions inventory data for inclusion in the General Purpose Release, using prioritization algorithms and selections by the inventory developers from the EPA Emissions Inventory and Analysis Group (EIAG)
- The EPA EIAG team will select data for inclusion in the NEI. The NEI will contain a single emission value for each pollutant for a given source.
- EPA has access to all submitted data and will run analysis checks to identify outliers and other anomalies. EPA will communicate with S/L/Ts where additional data are expected to be reported to fill gaps using calculated data.
- The Inventory Selection functions on the EIS Gateway allow Inventory Developers to merge information from multiple datasets that may have overlapping data on a per emissions process-pollutant and save the results to a data set.



## Additional Resources

- User Guide – How EPA does the following in EIS:
  - Augments data: [Schedule Augmentation \(epa.gov\)](https://www.epa.gov/schedule-augmentation)
  - Tags out data: [Data Tagging \(epa.gov\)](https://www.epa.gov/data-tagging)
  - Kicks off selections: [Inventory Selections \(epa.gov\)](https://www.epa.gov/inventory-selections)



# Your Presenters

- EIAG:
  - Lindsay Dayton, [dayton.Lindsay@epa.gov](mailto:dayton.Lindsay@epa.gov)
- NADG:
  - Chris Chapman, [chapman.chris@epa.gov](mailto:chapman.chris@epa.gov)
  - Alexandria “Alex” Love: [love.alexandria@epa.gov](mailto:love.alexandria@epa.gov)