

NEI Point Inventory

May 15, 2018

RTP, NC

Today's Agenda

- NEI and EIS Background Intro
- EIS Gateway
- Facility Inventory
- Submitting Your Data to EIS
- Lunch 12:45-1:45
- Point Emissions
- EPA Augmentation and Selection
- EIS Data Reports

Components of the NEI

- Five Emissions data categories
 - **Point Emissions (attached to Facility Inventory)**
 - Nonpoint Emissions
 - Onroad Emissions
 - Nonroad Emissions
 - Event Emissions (wildfires and prescribed fires)
 - No biogenic emissions, although these are part of EPA's modeling files



Uses of the NEI

- The NEI is one of the key inputs for :
 - Modeling of national rules – NAAQS reviews, CSAPR, etc
 - Non-attainment designations
 - NATA Review – toxics risk modeling
 - Trends reports and analyses



POINT - S/L/T Reporting Requirement

- Air Emissions Reporting Rule (AERR)
<https://www.epa.gov/air-emissions-inventories/air-emissions-reporting-requirements-aerr>
- Complete criteria pollutant inventory every 3 years (all data categories)
 - All point sources with PTE > 100 Ton/year
 - 2017 Emissions due 12/31/2018
 - Annual reporting for Type A facilities
 - SO₂, NO_x, CO with PTE > 2,500 Ton/year
 - VOC, PM, NH₃ with PTE > 250 Ton/year
 - Pb with Actual Emissions > a Half Ton/year
 - HAPs are submitted voluntarily by many S/L/Ts and are encouraged as part of an integrated report



Terminology - EIS or NEI?

- Emission Inventory System (EIS)
 - Data repository for air emissions data used to create the NEI
 - Contains State, Local, Tribal and EPA-submitted data
 - Can be multiple emissions values for the same unit/process
 - Annual, monthly, ozone season, and daily data
 - EIS Gateway interface <https://eis.epa.gov/eis-system-web/welcome.html>
- National Emission Inventory (NEI)
 - Snapshot in time from EIS
 - Inventory version shared with the public
 - One emissions value per process selected
 - Annual emissions values



EIS Gateway



File Edit View Favorites Tools Help

CAER... E-En... PDT Tasks 2017... EIS ... US EPA ... One ... Web ... EPA ... EIS ... LM CAER... Faci... Pass...

https://www.epa.gov/air-emissions-inventories/emissions-inventory-system-eis-users-man

One EPA W... Remote Ac... EIS EIS Emissio... One EPA ...

Convert Select

Air Emissions Inventory Home

National Emissions Inventory (NEI)

Air Pollutants Emissions Trends Data

Pollutant Emissions Summary Files

Air Emissions Reporting Requirement

Emissions Inventory Tools

Air Emissions Sources

Emissions Inventory System (EIS) Gateway

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

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

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

You may need Adobe Reader to view files on this page. See EPA's [About PDF page](#) to learn more.

- [How Do I Request Access to EIS Gateway \(PDF\)](#) (27 pp, 2 MB)

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EIS Gateway

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

- VIEW/ADD/EDIT**
- » Facility Inventory and Point Emissions
 - » Potential Duplicate Facilities
 - » Nonpoint/ Onroad/ Nonroad Emissions
 - » Event Emissions
 - » NCD Activity Data
 - » CDB Activity Data
- REPORTS**
- » Request Reports
 - » Report Downloads
 - » Large File Download
 - » Feedback Reports

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: ☐



» Feedback Reports

» Nonpoint Survey

» Agency Submission
History Report

REFERENCE DATA

» Reporting Code Tables

» Augmentation Profile
Information

» QA Checks

» Inventory Cycle
Management

» Software and Tools

SUPPORT

» Administration Console

» View All
Announcements

» View Support Requests

» Create Support
Request

ACCOUNT DATA

Search for a County:

--- Select ---

Alamance, North Carolina(37001)
Alexander, North Carolina(37003)
Alleghany, North Carolina(37005)
Anson, North Carolina(37007)
Ashe, North Carolina(37009)
Avery, North Carolina(37011)
Beaufort, North Carolina(37013)

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

Search Clear

4,110 items found, displaying 1 to 25. [First/Prev] 1, 2, 3, 4, 5, 6, 7, 8 [Next/Last]

EIS Facility ID	Agency Identifier	Program System Code	State	County	State and County Code	Tribal Name	Facility Name	Company Name	NAICS Code	Facility Source Type	Operating Status	Site Latitude
11290611			NC	New Hanover	37129		210 INVESTORS		48811	Airport	OP	34.3589
11078811			NC	Cleveland	37045		20110		48811	Airport	OP	35.3117

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ACCOUNT DATA

EIS Facility ID	Agency Identifier	Program System Code	State	County	State and County Code	Tribal Name	Facility Name	Company Name	NAICS Code	Facility Source Type	Operating Status	Site Latitude
11290611			NC	New Hanover	37129		210 INVESTORS		48811	Airport	OP	34.3589
11078811			NC	Cleveland	37045		29NC		48811	Airport	OP	35.3117
8297111	3709700121	NCDQAQ	NC	Iredell	37097		3A Composites USA, Inc.	Nevamar Company	322220		OP	35.8083
17040511	3713500226	NCDQAQ	NC	Wilson	37195		3C Store Fixtures, Inc.	3C Store Fixtures, Inc.	33711		ONRE	35.7397
8122211	3703700104	NCDQAQ	NC	Chatham	37037		3M Pittsboro - Industrial Mineral Products	3M Company	327992	Mineral Processing Plant	OP	35.6609
13441311	3705700273	NCDQAQ	NC	Davidson	37057		A. M. Haire Body Company	A. M. Haire Manufacturing & Service Corporation	336211		ONRE	35.8919
15054911	3715700167	NCDQAQ	NC	Rockingham	37157		A.C. Furniture Company, Inc.	A.C. Furniture Company, Inc.	337127		OP	36.5103
7787111	3700100201	NCDQAQ	NC	Alamance	37001		A.O. Smith Corporation	Na	335312		PS	36.0849
8150211	3716100178	NCDQAQ	NC	Rutherford	37161		Allied Die Casting Co Of Nc	Na	331523		ONRE	35.3555
17031211	3719100265	NCDQAQ	NC	Wayne	37191		AAR Corporation-Goldsboro	AAR Corporation-Goldsboro	332439		ONRE	35.3686



Point Emissions

- » Potential Duplicate Facilities
- » Nonpoint/ Onroad/ Nonroad Emissions
- » Event Emissions
- » NCD Activity Data
- » CDB Activity Data

REPORTS

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

REFERENCE DATA

- » Reporting Code Tables
- » Augmentation Profile Information

Facility SiteRelease PointsEmissions UnitsProcesses

▼ Facility Information

EIS Facility ID: 8122211

Agency Identifier: 3703700104 (NCDAQ)

State and County FIPS: 37037 (Chatham, North Carolina)

Tribal Code:

State and Country FIPS:

Responsible Agency: North Carolina Department of Environment and Natural Resources

Facility Name: 3M Pittsboro - Industrial Mineral Products

Facility Description: Manufactures Roofing Granules

Company Name: 3M Company

NAICS: 327992 - Ground or Treated Mineral and Earth Manufacturing

Facility Source Type: Mineral Processing Plant

Facility Category: CAP Major

Operating Status: Operating

Operating Status Year: 2008

Physical Address: 4191 Highway 87 South

Supplemental Address:

Locality: Moncure

State: North Carolina

Zip Code: 27559

Address Comment:

EIS Comment:

HAP Facility Category:

Edit Facility Site

Delete Facility Site

-- Emissions Year --View

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- » QA Checks
- » Inventory Cycle Management
- » Software and Tools

SUPPORT

- » Administration Console
- » View All Announcements
- » View Support Requests
- » Create Support Request

ACCOUNT DATA

- » My Account
- » My Agency
- » Logout

HAP Facility Category:

Permit Status:

Permit Status Year:

Last updated from: Jonathan Miller

Last updated by agency: EIS

Last updated on: 2017-01-14 10:32 PM

» Geographic Coordinates

» Alternate Facility Identifiers

» Alternate Facility Names

» Fugitive Release Points

» Stack Release Points

» Emissions Units

» Processes

» Facility Audit Log

» Geographic Coordinate Audit Log

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VIEW/ADD/EDIT

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

REPORTS

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

REFERENCE DATA

- » Reporting Code Tables

Facility Site

Facility Site Release Points Emissions Units **Processes**

▼ Facility Information

EIS Facility ID: 10616211
Agency Identifier: 3700700050 (NCDAQ)
State and County FIPS: 37007 (Anson, North Carolina)
Tribal Code:
State and Country FIPS:
Responsible Agency: North Carolina Department of Environment and Natural Resources
Facility Name: NCEMC - Anson Plant
Facility Description: Electrical Generation by Fossil Fuels
Company Name: North Carolina Electric Membership Corporation
NAICS: 221112 - Fossil Fuel Electric Power Generation
Facility Source Type: Electricity Generation via Combustion
Facility Category: CAP Major
Operating Status: Operating
Operating Status Year:
Physical Address: 749 Blewett Falls Road
Supplemental Address:
Locality: Lilesville
State: North Carolina
Zip Code: 28091
Address Comment:

[Edit Facility Site](#)

[Delete Facility Site](#)

-- Emissions Year -- View



Processes

Show 25 entries

Add Process

N/A	Search eis emiss	Search agen	Search unit status	Search eis proc	Search agen	Search progra	Search emissions pr	Search scc	Search unit
	EIS Emissions Unit ID	Agency Unit ID	Unit Status	EIS Process ID	Agency Process ID	Program System Code	Emissions Process Description	SCC	Unit or Process Controls
	74983013	G-15	Operating	101429314	5	NCDQAQ	Natural Gas Heater firing on natural gas	10500106	None
	74982813	GR1	Operating	101429014	2	NCDQAQ	Combustion Turbines firing Fuel Oil	20100101	Process
	74982813	GR1	Operating	101429114	3	NCDQAQ	Combustion Turbines firing Natural Gas	20100201	Process
	74982913	GR5	Operating	101429214	4	NCDQAQ	Fuel Oil Storage Tanks	39090009	None
	110586713		Operating	156359314			EPAGHG facility reported emissions	39999999	None

Showing 1 to 5 of 5 entries

First Previous 1 Next Last

Download Results: CSV

Facility Audit Log



Facilities

- » Nonpoint/ Onroad/ Nonroad Emissions
- » Event Emissions
- » NCD Activity Data
- » CDB Activity Data

REPORTS

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

REFERENCE DATA

- » Reporting Code Tables
- » Augmentation Profile Information
- » QA Checks
- » Inventory Cycle

▼ Emissions Process

EIS Process ID: 101429314
Agency Process ID: 5
Program System Code: NCDAQ
EPA Process ID:
EPA Program System Code:
SCC: 10500106
Aircraft Engine Type Code:
Emissions Process Description: Natural Gas Heater firing on natural gas
SCC Level One: External Combustion
SCC Level Two: Space Heaters
SCC Level Three: Industrial
SCC Level Four: Natural Gas
Last Inventory Year:
Comment:
Last updated from: Jonathan Miller
Last updated by agency: EIS
Last updated on: 2017-01-14 10:52 PM

[Edit Emissions Process](#)

[Delete Emission Process](#)

[View Emissions](#)

▶ Control Approaches

▶ Release Point Apportionment

▶ Applicable Regulations

▶ Emissions Process Audit Log



- » NCD Activity Data
- » CDB Activity Data
- » Inventory Selection
- » Schedule Augmentation
- » Data Tagging

REPORTS

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

REFERENCE DATA

- » Reporting Code Tables
- » Augmentation Profile Information
- » QA Checks
- » View Dataset Identifiers
- » Inventory Cycle

DataSet	Inventory Year	Reporting Period Type	Emissions Operating Type Code	Start Date	End Date
North Carolina Department of Environment and Natural Resources	2010	Annual	Routine	2010-01-01	2010-12-31
North Carolina Department of Environment and Natural Resources	2015	Annual	Routine	2015-01-01	2015-12-31
North Carolina Department of Environment and Natural Resources	2014	Annual	Routine	2014-01-01	2014-12-31
North Carolina Department of Environment and Natural Resources	2008	Annual	Routine	2008-01-01	2008-12-31
North Carolina Department of Environment and Natural Resources	2012	Annual	Routine	2012-01-01	2012-12-31
North Carolina Department of Environment and Natural Resources	2009	Annual	Routine	2009-01-01	2009-12-31
North Carolina Department of Environment and Natural Resources	2011	Annual	Routine	2011-01-01	2011-12-31
North Carolina Department of Environment and Natural Resources	2013	Annual	Routine	2013-01-01	2013-12-31
2011 NEI V2	2011	Annual	Routine	2011-01-01	2011-12-31
2014 Responsible Agency Data	2014	Annual	Routine	2014-01-01	2014-12-31
2013 NEI V1 (Point Only)	2013	Annual	Routine	2013-01-01	2013-12-31
2008 NEI V3	2008	Annual	Routine	2008-01-01	2008-12-31
2014 NEI Draft V1	2014	Annual	Routine	2014-01-01	2014-12-31
2012 NEI (Point Only)	2012	Annual	Routine	2012-01-01	2012-12-31
2014 NEI Draft V2	2014	Annual	Routine	2014-01-01	2014-12-31
2014 NEI Final V1	2014	Annual	Routine	2014-01-01	2014-12-31



Announcements

- » View Support Requests
- » Create Support Request

ACCOUNT DATA

- » My Account
- » My Agency
- » Account List
- » Current Users List
- » Account Request List
- » Agency Organizations

CONTENT MANAGEMENT

- » Messages
- » Application Configuration
- » Create Announcement
- » Transmission to Envirofacts
- » Logout

Pollutant type	Pollutant Code	Pollutant	North Carolina Department of Environment and Natural Resources 2014 Annual Routine	DataTag	2014 NEI Final V1 2014 Annual Routine	DataTag	North Carolina Department of Environment and Natural Resources 2011 Annual Routine	DataTag
CAP	VOC	Volatile Organic Compounds	0.0200000 TON		0.0200000 TON		0.0100000 TON	
CAP	7439921	Lead	0.000230000 LB		0.000230000 LB			
CAP	NOX	Nitrogen Oxides	0.0300000 TON	⚠	0.0300000 TON	⚠	0.0200000 TON	⚠
CAP	CO	Carbon Monoxide	0.0300000 TON		0.0300000 TON		0.0200000 TON	
HAP	7440417	Beryllium	0.0000100000 LB		0.0000100000 LB			
HAP	7440382	Arsenic	0.0000900000 LB		0.0000900000 LB			
HAP	7439965	Manganese	0.000170000 LB		0.000170000 LB			
HAP	91203	Naphthalene	0.000280000 LB		0.000280000 LB			
HAP	130498292	PAH, total	0.000320000 LB		0.000320000 LB			
HAP	50000	Formaldehyde	0.0343700 LB		0.0343700 LB			
HAP	7439976	Mercury	0.000120000 LB		0.000120000 LB			
HAP	108883	Toluene	0.00156000 LB		0.00156000 LB			
HAP	7738945	Chromic Acid (VI)	0.000640000 LB		0.000640000 LB			
HAP	71432	Benzene	0.000960000 LB		0.000960000 LB			
HAP	7440020	Nickel	0.000960000 LB		0.000960000 LB			
HAP	7440439	Cadmium	0.000500000 LB		0.000500000 LB			

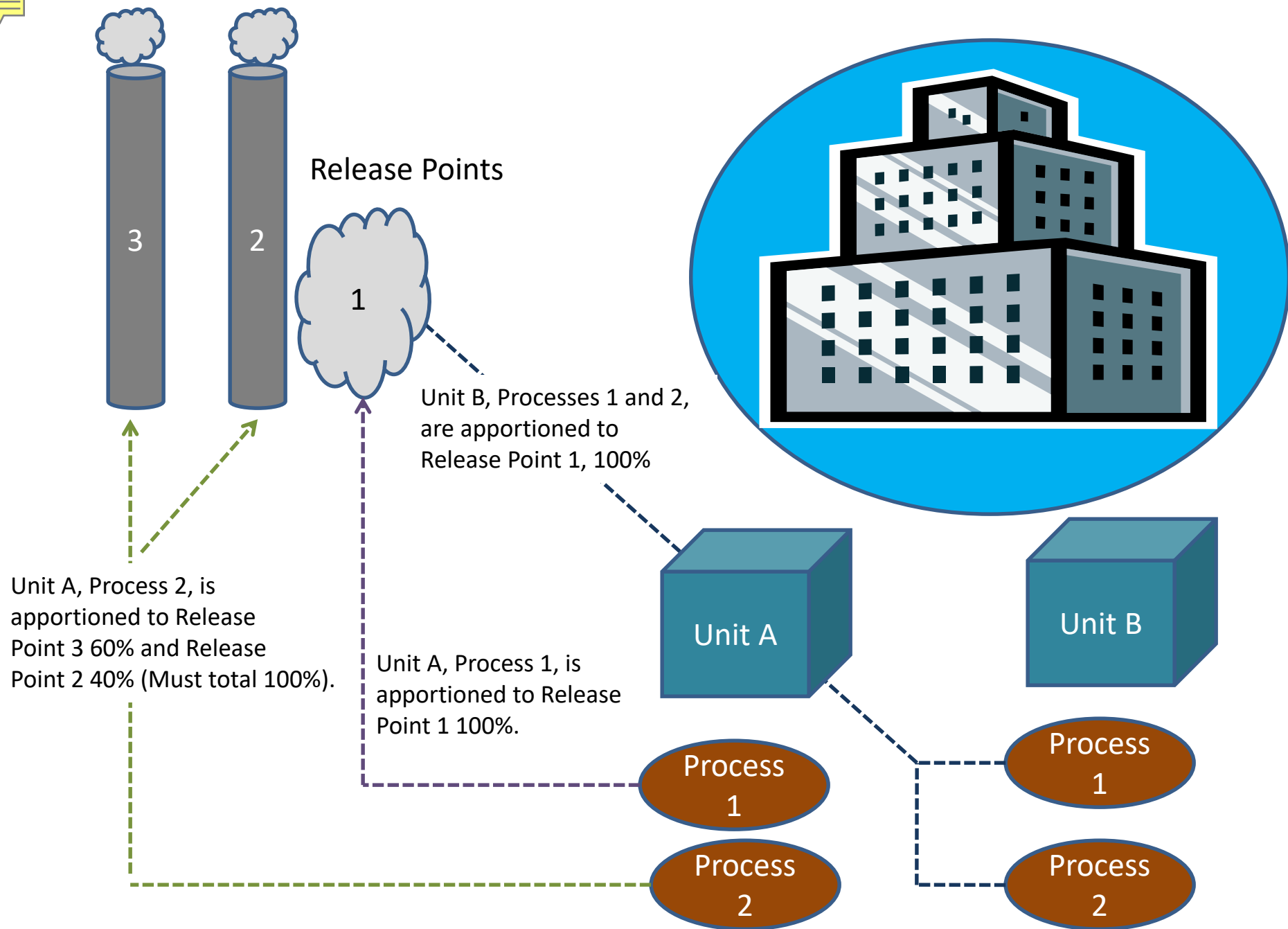


The Facility Inventory



The Facility Inventory

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





Site-level Info Required for New Facility

- State and County FIPS or Tribal Code
- Facility Site Identifier (your Agency's ID)
- Facility Site Identifier Program System Code
- Facility Site Name
- Facility Site Status Code (and Status Year if not="OP")
- NAICS
- 4 **Physical** Address Fields : Street, City, State, Zip
- Site-level Latitude and Longitude
 - must be **Decimal Degrees** (*NOT Degrees.MinuteSecond*)



Exceptions for Portable Facilities and Off-Shore Platforms

- **Portable Facilities**
 - State FIPS + 777
 - Use “Portable Facility” for Facility Site Description
 - Geographic Coordinates and Physical Address can not be reported.
- **Off-shore Platforms in State Waters**
 - Provide the 5-digit FIPS
 - Use “Offshore Facility” for Facility Site Description
 - Provide the Site-level Geographic Coordinates
 - Use “N/A” for Physical Street Address and City
 - Provide State Abbreviation
 - Use “99999” for Zip Code
- **Off-shore Platforms in Federal Waters**
 - State and County FIPS = 85000
 - USEPA loads emissions estimated by Dept of Interior to EIS



Airports

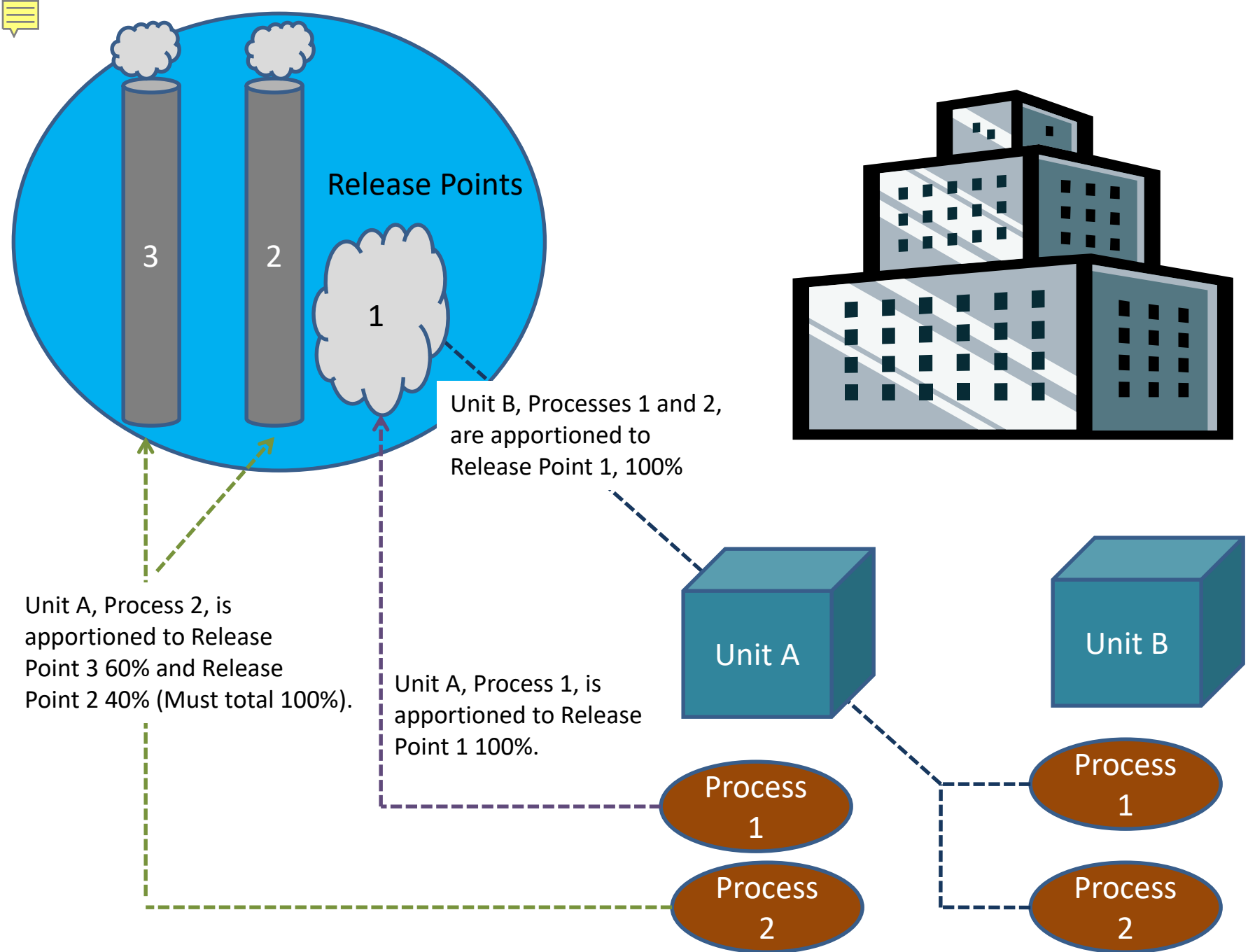
- Prior to 2008 NEI, reported by USEPA as nonpoint county sums
- EPA has created 21,000 airport facilities in EIS. ALL airports, helipads, seaplane bases now in Facility/Point
 - EPA provides estimates for LTOs and aircraft-related emissions, so only improved or missing local data need be reported
- Nonpoint or nonroad emissions NOT accepted for aircraft engine exhaust, auxiliary power units or ground support equipment, even though **NONROAD model** calculates APU and GSE
 - aviation gas distribution and filling emissions continue to be reported as nonpoint county sums
- IF S/L/Ts report, use the existing EPA unit and process ID framework to place emissions at same processes as USEPA
 - Units are aircraft types (military, commercial, general aviation, etc)
 - Processes are aircraft make and engine type, indicated by **aircraft engine type code**. This is a required field
 - Combinations of SCC plus **aircraft engine type code** that duplicate existing processes will NOT be accepted as new processes



Rail Yards

- EPA has added 1240 largest facilities to EIS
- There may be smaller rail yards.
 - S/L/Ts may add these as Facility/Point or report in nonpoint
 - Check Facility Inventory for duplication
- Emissions from yard locomotives only.
- Emissions from locomotives on rail lines are reported in nonpoint using line segment shapefiles







Info Required for New Release Point

- State and County FIPS or Tribal Code
- Facility Site Identifier and Program System Code
- Release Point Identifier (your Agency's ID)
- Release Point Identifier Program System Code
- Operating Status (and Status Year if not="OP")
 - OP, PS, TS
- Release Point Type Code
 - 1 – Fugitive
 - 2 – Vertical
 - 3 – Horizontal
 - 4 – Goose Neck
 - 5 – Vertical with Rain Cap
 - 6 – Downward-Facing Vent



Required if Release Point is a Stack

- Height & Unit of Measure (FT)
- Diameter & Unit of Measure (FT)
- Exit Gas Velocity & Unit of Measure (FPS or FPM)
AND/OR Exit Gas Flow Rate & Unit of Measure (ACFS or ACFM) or both
 - Error 192 – consistency of Diameter, Velocity, and Flow
- Exit Gas Temperature (in Degrees F)
- Optional : Release Point Lat-Lon Coordinates
 - must be **Decimal Degrees** (*NOT Degrees.MinuteSecond*)



Fugitive Releases

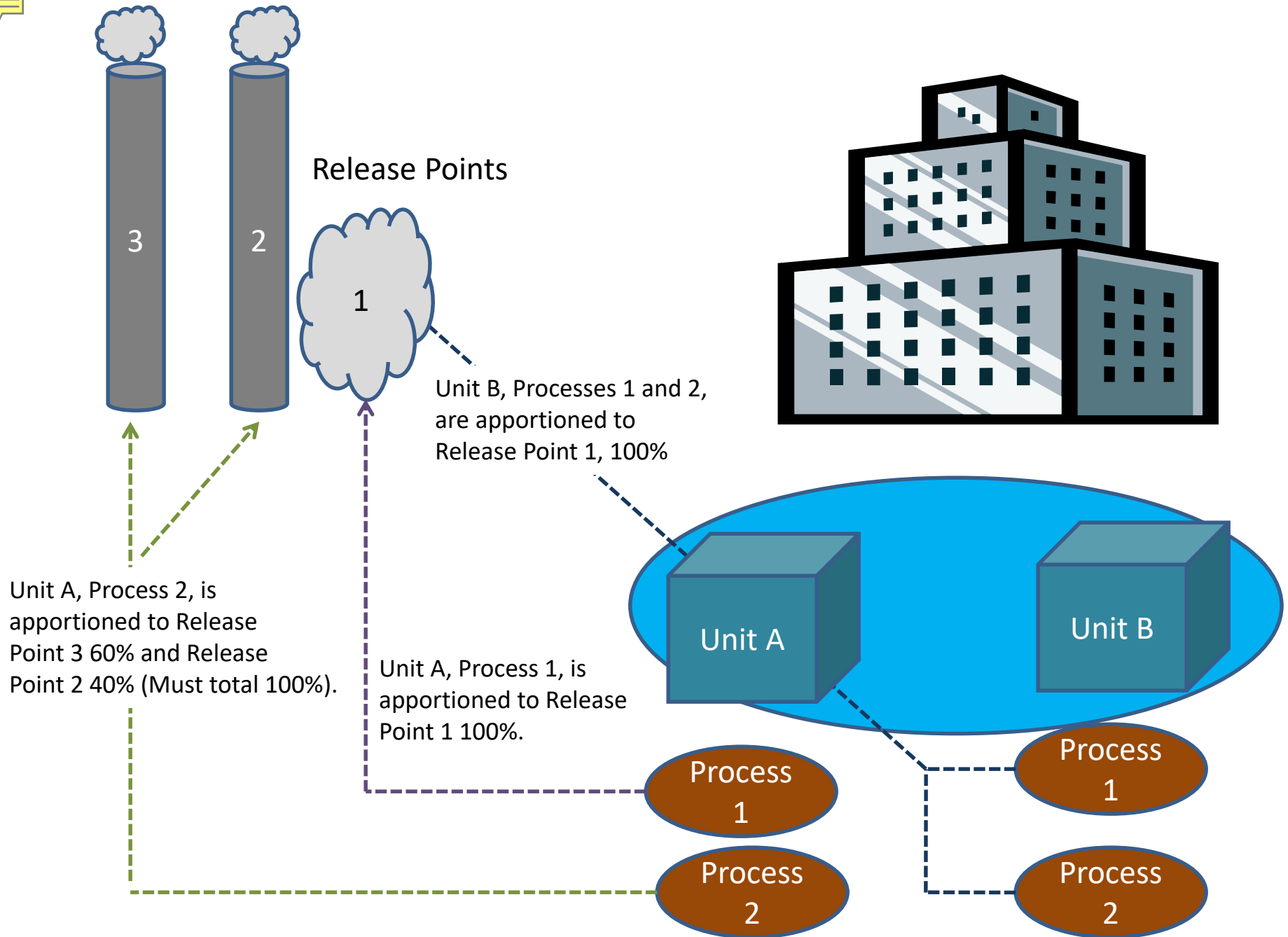
- Fugitive parameters are optional
- Height and Unit of Measure (FT)
- Width and Unit of Measure (FT)
- Length and Unit of Measure (FT)
- Angle tilted from true North (in Degrees)



Geo Coordinates - Lat & Lon

- Required at Site Level
- Optional at Release Point Level
- Unless you have actual release point coordinates for some of your larger facilities, we suggest reporting Site level only
 - Modeling files will use Site coords for any missing Release Point coords
 - Site center or main emitting point coords preferred
 - Use the Geo Reference Point Code to indicate that your measurement is the entrance or site center or other
- Be careful with any conversions from your system's data
 - **Decimal Degrees** (*NOT Degrees.MinuteSecond*)
 - Sum Longitude whole degrees and decimal portion correctly
 - UTM zone errors

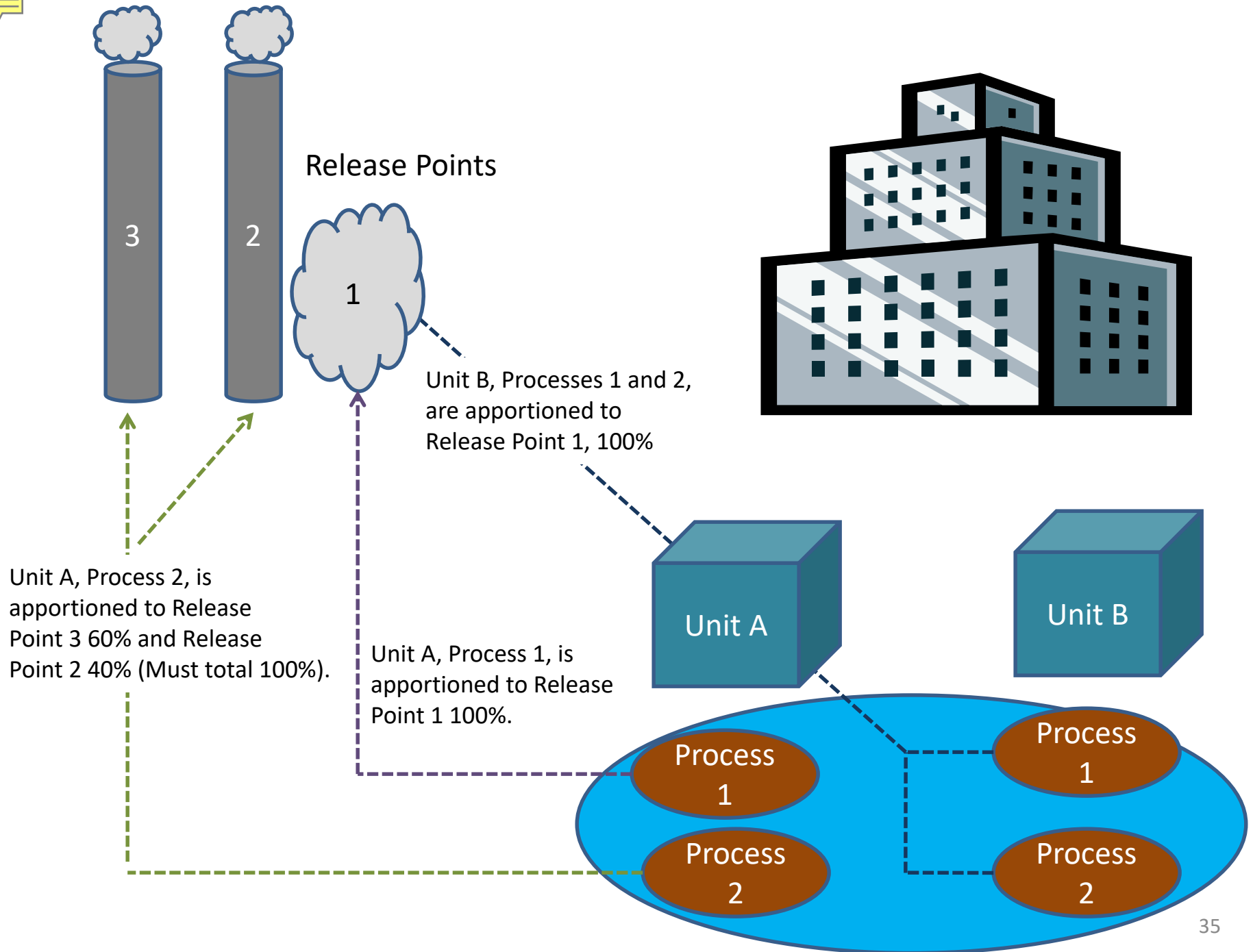






Info Required for New Emission Unit

- State and County FIPS or Tribal Code
- Facility Site Identifier and Program System Code
- Unit Identifier (your Agency's ID)
- Unit Identifier Program System Code
- Operating Status (and Status Year if not="OP")
 - OP, PS, TS
- Unit Type Code
 - 999 = "Miscellaneous" is available if necessary. Don't include this for existing units to avoid overwriting all with 999
- Design Capacity & Unit of Measure is requested for boilers, turbines, engines, heaters, and is a warning check





Info Required for New Emission Process

- State and County FIPS or Tribal Code
- Facility Site Identifier and Program System Code
- Unit Identifier and Program System Code
- Emissions Process Identifier (your Agency's ID)
- Emissions Process Identifier Program System Code
- Aircraft Engine Type Code –Required for aircraft SCCs
- One or more Release Point Apportionments
- Source Classification Code
 - Avoid using non-specific codes such as 399999xx if possible
 - Now available as a web service for your system.
<https://ofmpub.epa.gov/sccwebservices/sccsearch/>



Release Point Apportionment

- State and County FIPS or Tribal Code
- Facility Site Identifier and Program System Code
- Unit Identifier and Program System Code
- Emissions Process Identifier (your Agency's ID) and Program System Code
- Release Point Identifier (your Agency's ID)
- Release Point Identifier Program System Code
- Percent of process venting to release point
- A process may be vented to one or more release points
- Total percentages must equal 100





Controls

- Controls are required by AERR to be reported if they exist
 - No uncontrolled code
- Either unit **OR** process level
- Only one control approach may be active at any given time – any new controls submitted replaces the existing controls in EIS
- Three components must be reported together :
 - Control Approach Component
 - The “parent” of the control group
 - non-pollutant specific percentages – capture, effectiveness
 - Control Measure Component
 - control device codes that make up the control approach
 - Control Pollutant Component
 - Pollutants controlled by the all devices in the overall approach
 - Percent Reduction Efficiency for each pollutant, if available



Control Approach Component

- Facility Site Identifier and Program System Code
- Unit Identifier and Program System Code
- Emissions Process Identifier and Program System Code
 - Reported only if the control approach is at the process level
- First Inventory Year
- Percent Control Approach Capture Efficiency
- Percent Control Approach Effectiveness



Control Measure Component

- Facility Site Identifier and Program System Code
- Unit Identifier and Program System Code
- Emissions Process Identifier and Program System Code
 - Reported only if the control approach is at the process level
- Control Measure Code(s) – at least one required



Control Pollutant

- Facility Site Identifier and Program System Code
- Unit Identifier and Program System Code
- Emissions Process Identifier and Program System Code
 - Reported only if the control approach is at the process level
- Pollutant Code(s) – at least one required
- Optional, and desirable, per pollutant : % reduction achieved by the combination of all control measures
- If reported, Percent Control Measures Reduction Efficiency cannot be 100% unless there is a ban in use.



Maintaining Identifiers Across Years

- You may submit data to EIS using EITHER your Agency's IDs OR the EIS IDs
- Unique and recognized IDs for Sites, Units, Emission Processes and Release Points
- If a Site ID is not recognized by EIS, it checks existing for Potential Duplicate site.
- No duplicate checking below Site Level
 - New emission units for EGUs may create duplicated emissions



If You Must Revise Your IDs

- Individually via EIS Gateway
- Or large batch
 - Must use **EIS Identifiers**
 - Provide New ID under Agency ID data fields (facility, unit, process and release point)
 - EIS will automatically place an end date on the current identifier and replace it with the new identifier.





Submitting your data to EIS



Submittal Process

- Must be an XML file in EIS CERS schema format
 - <https://www.epa.gov/air-emissions-inventories/air-emissions-inventory-training>
- Submit zipped XML file to EPA CDX Node
- QA or Production Environment
 - QA is always open to check your data. Does not change anything in the EIS
 - Same QA checks are applied in either environment
 - Production submission will update the EIS

Requirements Spreadsheet

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

facility_staging_requirements06192015_0.xlsx [Read-Only] - Excel

Dombrowski, Sally

File Home Insert Page Layout Formulas Data Review View Tell me what you want to do

Clipboard Font Alignment Number Styles Cells Editing

B4

Facility Staging Table Requirements	Table/Data Element	Required for QA/ Production	Data Type in EIS	Definition
Facility Site Table		Yes		Information on the facility site, including the facility category code, company name, NAICS code, and operating status.
Facility Site Identifier		(Yes)	Character (20)	An identifier by which the facility site is referred to by a system. Not required if reporting the EIS Facility Site Identifier.
Facility Site ProgramSystemCode		(Yes)	Character (20)	The code that represents the information management system which has responsibility for the data in a linked or interrelated information management system. Required if reporting Facility Site Identifier
State And County FIPS Code		(Yes)	Character (5)	The list is from FIPS Counties codes used for the identification of the Counties and County equivalents of the United States. Required if reporting agency is State.
TribalCode		(Yes)	Character (3)	The code that represents the American Indian Tribe or Alaskan Native entity. Required if reporting agency is Tribal.

Ready

10:27 AM 3/8/2018



How do I create an XML file

- Direct Export Feature in your SLT system
 - Mainframes or desktop software packages

or

- Get your updated data into the EIS Bridge Tool
 - <https://www.epa.gov/air-emissions-inventories/air-emissions-inventory-tools>



Send XML to EPA CDX Node

– Node-to-node transfer

or

– CDX web client

- <https://nodewebrss.epa.gov/user/Login.aspx>
- Use Gateway login and password

THE EIS BRIDGE TOOL

FileHomeCreateExternal DataDatabase ToolsTell me what you want to do

Views

Clipboard

Sort & Filter

Records

Find

Text Formatting

Search...

Tables

AlternativeFacilityIdentification

AlternativeFacilityName

AlternativeUnitIdentification

ControlApproach

ControlMeasure

ControlPollutant

DocumentHeader

Emissions

EmissionsProcess

EmissionsUnit

FacilitySite

OperatingDetails

Regulation

ReleasePoint

ReleasePointApportionment

ReportingPeriod

SupplementalParameter

Forms

frmMainMenu

Main Menu

Main Menu

Point Emissions Inventory System Bridge Tool

Version: November 9, 2017

Import from CERS XML

Export to CERS XML

Edit Data Tables

View QA Report

View XML Conversion Report

Import Staging Tables

Form View



The screenshot shows the Microsoft Access 2016 interface. On the left, the 'All Access Objects' pane is open, displaying a list of tables under the 'Tables' section. The 'FacilitySite' table is highlighted. The main window shows the 'FacilitySite' table with the following columns: FacilitySiteID, FacilitySite, StateAndCo, TribalCode, StateAndCo, EISFacilitySi, EffectiveDat, EndDate, Organizator, AffiliationTy, and FacilityCateg. The status bar at the bottom indicates 'Record: 1 of 1' and 'No Filter'.



Facility Inventory Tables

- Document Header
- Facility Site
 - Unit Identifier
 - Emissions Process
 - » Release Point Apportionment
 - Release Point
- Optional – Control Approach (under unit or process)
 - Control Measures
 - Control Pollutant
- Optional – Regulations (under unit or process)



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

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

Views View Filter Sort & Filter Selection Advanced Toggle Filter Records Refresh All Delete More Find Find Replace Go To Select Text Formatting

All Access Objects

Search...

Tables

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

Forms

- frmMainMenu

Main Menu

Point Emissions Inventory System Bridge Tool

Version: November 9, 2017

Import from CERS XML

Export to CERS XML

Edit Data Tables

View QA Report

View XML Conversion Report

Import Staging Tables

Form View

Num Lock

10:55 AM 3/8/2018



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

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

View Paste Cut Copy Format Painter Filter Sort & Filter Records Find Find Replace Go To Select Text Formatting

All Access Objects

Search...

Tables

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

Forms

- frmMainMenu

Export to CERS XML

Export to CERS XML

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

Complete / Verify Header Information

Data Category: FacilityInventory

Emissions Year: 2016

Submission Type: QA

User Identifier: dombrowski.sally@epa.gov

Author Name: Sally Dombrowski

Organization Name: Georgia Environmental Protection Division

Program System Code: GADNR

EPA Dataset:

Keywords: Emission,Production

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

Exchange Header Component

Num Lock

11:04 AM 3/8/2018



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

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

Views View Filter Sort & Filter Records Find Find Replace Go To Select Text Formatting

All Access Objects

Search...

Tables

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

Forms

- frmMainMenu

Export to CERS XML

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

Complete / Verify Header Information

Export to CERS XML - FacilityInventory Data Category

Emissions	Running Quality Assurance Checks on Staging Tables (this could take several minutes)	View QA Report	Failed
User	Create XML document from Staging Tables		Failed
Auth	Processed 0 Facility Sites		
Organ	Processed 0 Emission Units		
Progr	Processed 0 Emission Processes		
EPA D	Validating XML document against CERS Schema and counting major XML components	View XML Schema Issue	Failed

Done Cancel

Begin Export Cancel

Form View

Num Lock

11:16 AM 3/8/2018



Microsoft Access window: facility_point_bridgetool : Database- C:\Users\SDOMBROW\Desktop\facility_point_bridgetool.accdb (Access Database Engine)

Form Tools | Datasheet | Tell me what you want to do

File | Home | Create | External Data | Database Tools | Datasheet

Views | Themes | Tools | Background Color | Alternate Row Color | Conditional Formatting

All Access Objects

Search...

Tables

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

Forms

- frmMainMenu

Main Menu | Export to CERS XML | Data Integrity Check Results

Data Category: FacilityInventory

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

Edit	TableName	Type	Comment
Edit	EmissionsUnit	Duplicate Record	Duplicate Record

Record: 1 of 1 | Unfiltered | Search

Form View

Num Lock

11:18 AM 3/8/2018



FileHomeCreateExternal DataDatabase ToolsFieldsTableTell me what you want to do

New

Save

Delete

Refresh All

Find

Replace

Go To

Select

Totals

Spelling

More

Filter

Ascending

Descending

Remove Sort

Advanced

Toggle Filter

Selection

Find

Text Formatting

Calibri11

ViewsClipboardSort & FilterRecordsFindText Formatting

All Access Objects

Search...

Tables

AlternativeFacilityIdentification

AlternativeFacilityName

AlternativeUnitIdentification

ControlApproach

ControlMeasure

ControlPollutant

DocumentHeader

Emissions

EmissionsProcess

EmissionsUnit

FacilitySite

OperatingDetails

Regulation

ReleasePoint

ReleasePointApportionment

ReportingPeriod

SupplementalParameter

Forms

frmMainMenu

Main MenuExport to CERS XMLData Integrity Check ResultsEmissionsUnit

FacilitySiteId	FacilitySiteP	StateAndCo	Tri	State	UnitIdentifi	UnitProgram	EISF	EIS	EffectiveDat	Enc	UnitDescript	UnitTypeCor	Unit
01300005	GADNR	13013			654E	GADNR			2009-03-12		106 Curing	255	
01300005	GADNR	13013			654E	GADNR			2009-03-12		106 Curing	255	
*													

Record: 2 of 2FilteredSearch

EIS Component-EmissionsUnit. Replaces: EUPOINT-DESIGN CAPACITY

Num LockFiltered

11:20 AM 3/8/2018



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

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

Views View Filter Sort & Filter Records Find Find Replace Go To Select Text Formatting

All Access Objects

Search...

Tables

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

Forms

- frmMainMenu

Export to CERS XML

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

Complete / Verify Header Information

Export to CERS XML - FacilityInventory Data Category

Running Quality Assurance Checks on Staging Tables (this could take several minutes)	View QA Report	✓ Finished
Create XML document from Staging Tables		✓ Finished
Processed 1 of 1 Facility Sites		
Processed 11 of 11 Emission Units		
Processed 11 of 11 Emission Processes		
Processed 12 of 12 Release Points		
Validating XML document against CERS Schema and counting major XML components	View XML Schema Issue	✓ Finished

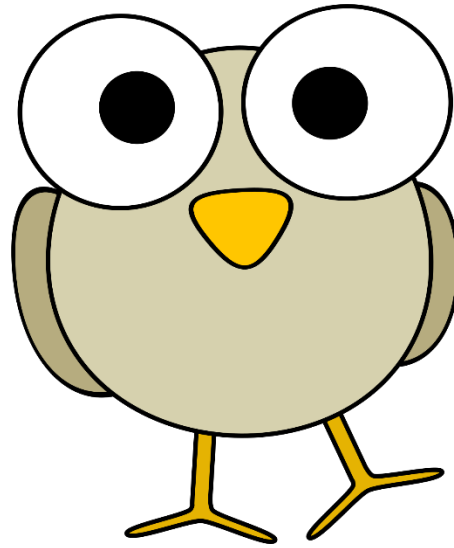
Done Cancel

Begin Export Cancel

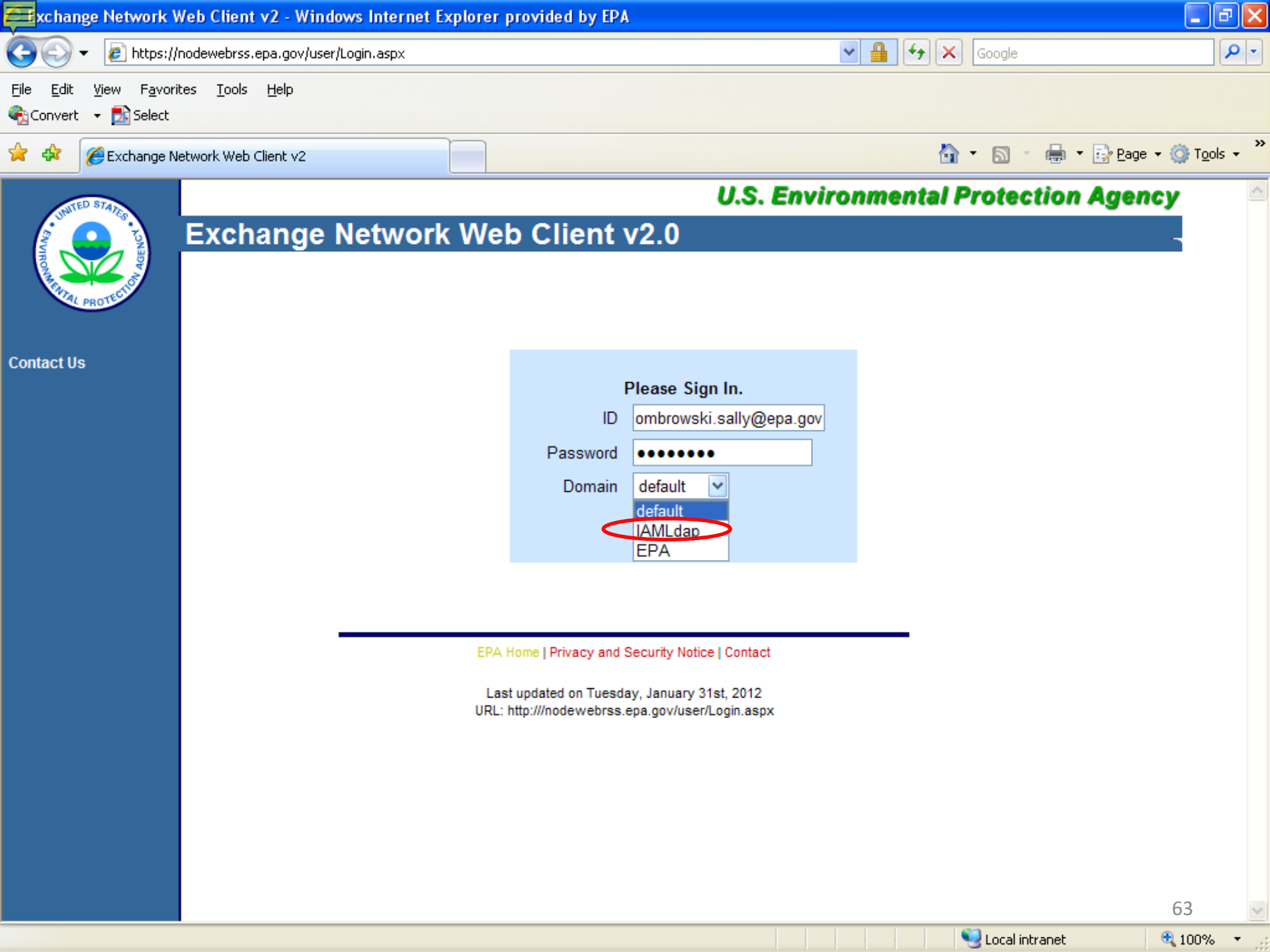
Form View

Num Lock

11:22 AM 3/8/2018



??



Contact Us

Please Sign In.

ID ombrowski.sally@epa.gov

Password

Domain default default IAMLdap EPA



Exchange Network Web Client v2.0

U.S. Environmental Protection Agency

Welcome to the Node 2.0 Web Interface

RSS/ATOM News Channel:

RecoveryChannel

RSS ☒ ATOM ☐

RSS Channel: **Recovery**

Published Date: Tue, 31 Jan 2012 08:17:30 -0500

Last Built Date: Tue, 31 Jan 2012 08:17:30 -0500

Description: Recovery Channel for interfacing to Recovery.gov

Language: en-us

Mon, 30 Jan 2012 13:11:01 -0500

Select EIS from the left-hand side bar

2012

Recovery.gov submitted on January 30, 2012

Tue, 24 Jan 2012 13:12:16 -0500

EPA Weekly Financial and Activity Report for January 24, 2012

This is the EPA Weekly Financial and Activity Report for Recovery.gov submitted on January 24, 2012

Tue, 17 Jan 2012 13:47:35 -0500

EPA Weekly Financial and Activity Report for January 17, 2012

This is the EPA Weekly Financial and Activity Report for Recovery.gov submitted on January 17, 2012

Tue, 10 Jan 2012 10:18:21 -0500

EPA Weekly Financial and Activity Report for January 10, 2012

This is the EPA Weekly Financial and Activity Report for Recovery.gov submitted on January 10, 2012

Tue, 03 Jan 2012 12:43:13 -0500

EPA Weekly Financial and Activity Report for January 03, 2012

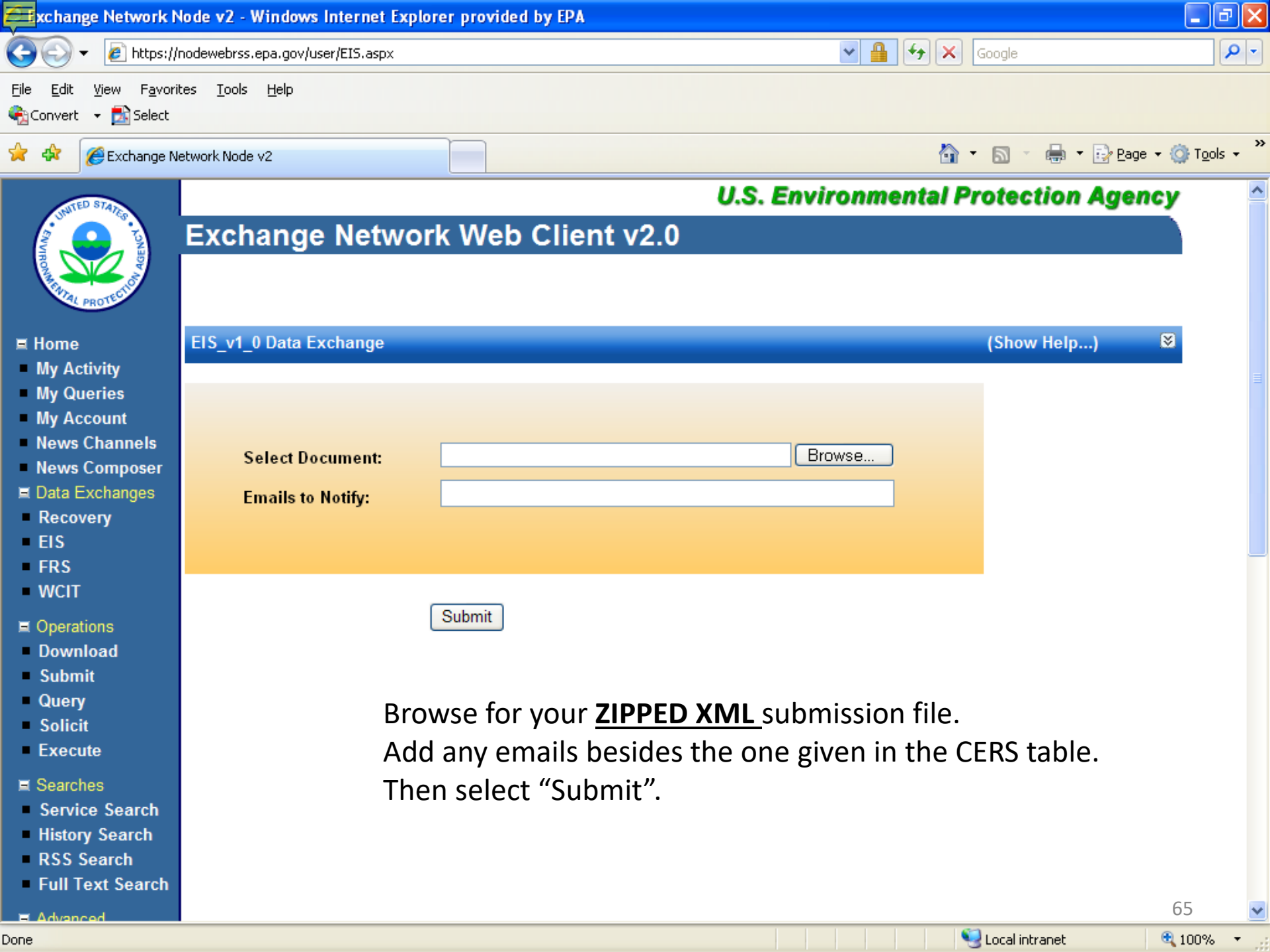
This is the EPA Weekly Financial and Activity Report for Recovery.gov submitted on January 03, 2012

Tue, 27 Dec 2011 13:40:18 -0500

EPA Weekly Financial and Activity Report for December 27, 2011

This is the EPA Weekly Financial and Activity Report for Recovery.gov submitted on December 27, 2011

Tue, 20 Dec 2011 11:34:57 -0500



Exchange Network Node v2 - Windows Internet Explorer provided by EPA

https://nodewebrss.epa.gov/user/EIS.aspx

File Edit View Favorites Tools Help

Convert Select

Exchange Network Node v2

U.S. Environmental Protection Agency

Exchange Network Web Client v2.0

EIS_v1_0 Data Exchange (Show Help...)

Select Document: Browse...

Emails to Notify:

Submit

Browse for your **ZIPPED XML** submission file.
Add any emails besides the one given in the CERS table.
Then select "Submit".

Done Local intranet 100%



Email Notifications

- First email, from “CDXNotification”, immediate
 - Transaction Status: **Pending**
- Second email, also from “CDXNotification” , when EIS completes processing
 - Transaction Status: **Completed**. Feedback report is available at EIS Gateway
- Third email, from “noreply” (EIS Gateway) , on quarter hours
 - Status : **Completed** or **Failed**
 - Wrong file submission error – Usually a zipped Access file is submitted instead of the xml file
 - Window closed error – “User, agency, submission year not authorized”
 - Completed might be for an XML file containing no data
- Go to EIS Gateway and read the Feedback Report and resolve any critical errors and Potential Duplicates
- DO NOT SUBMIT A POINT EMISSIONS FILE IMMEDIATELY FOLLOWING A FACILITY SUBMISSION

The Queue – Where is my submission?

Air Emissions Inventory Tr x Yahoo x EIS x

Secure | https://eis.epa.gov/eis-system-web/admin/console.html

Apps EIS Gateway gmail Email from Go Dictionary and Thes Rons EGUs EPA_sites epa employ redos Online Trading, ETFs Places_redo Area Code Listing, b Gas Prices USA TODAY Latest V

- » Potential Duplicate Facilities
- » Merge Processes
- » Nonpoint/ Onroad/ Nonroad Emissions
- » Event Emissions
- » NCD Activity Data
- » CDB Activity Data
- » Inventory Selection
- » Schedule Augmentation
- » Data Tagging

REPORTS

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

REFERENCE DATA

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

SUPPORT

- » Administration Console
- » View All Announcements
- » View Support Requests
- » Create Support Request

Simultaneous Gateway jobs allowed: 2
Simultaneous ETL jobs allowed: 4
Simultaneous Batch jobs allowed: 5

Scheduler	Name	Description	Status	Next Execution Time	Last Start Time	Last End Time
ETL	Process CERS Submission for Group 1	Process CERS submissions until all files for Group 1 are completed	Idle	2018-05-13 12:20 PM	2018-05-13 12:15 PM	2018-05-13 12:15 PM
ETL	Process CERS Submission for Group 2	Process CERS submissions until all files for Group 2 are completed	Idle	2018-05-13 12:22 PM	2018-05-13 12:17 PM	2018-05-13 12:17 PM
ETL	Process CERS Submission for Group 3	Process CERS submissions until all files for Group 3 are completed	Idle	2018-05-13 12:24 PM	2018-05-13 12:19 PM	2018-05-13 12:19 PM
ETL	Process CERS Submission for Group 4	Process CERS submissions until all files for Group 4 are completed	Idle	2018-05-13 12:20 PM	2018-05-13 12:15 PM	2018-05-13 12:15 PM
Batch	Purge QA CERS Submission	Purges old QA submissions from EIS.	Idle	2018-05-13 01:00 PM	2018-05-13 12:00 PM	2018-05-13 12:00 PM
Batch	Source Classification Code Builder	Synaptica Web Service SCC and Sector updates	Idle	2018-05-14 03:00 AM	2018-05-13 03:00 AM	2018-05-13 03:00 AM
Batch	Generate Dataset of Augmented Chromium	Augments Chromium Data.	Offline		2017-10-18 03:20 PM	2017-10-18 03:20 PM
Batch	Generate XML Snapshot Reports for Download	Builds Facility and Emissions XML Snapshot Reports.	Idle	2018-05-13 12:32 PM	2018-05-13 12:17 PM	2018-05-13 12:17 PM
Batch	Data Tagging	Verifies Data Tagging File Submission.	Idle	2018-05-13 12:07 PM	2018-05-13 12:07 PM	2018-05-13 12:07 PM
Batch	Tag Emissions	Tag Emissions.	Idle	2018-05-13 07:00 PM	2018-05-12 07:00 PM	2018-05-12 07:04 PM
Gateway	Send Submission Notifications	Sends CERS submission completion notification email messages to interested parties.	Idle	2018-05-13 12:30 PM	2018-05-13 12:15 PM	2018-05-13 12:15 PM
Gateway	Send Report Completion Notification	Sends notification email message when requested report has been generated and is available for download.	Idle	2018-05-13 12:30 PM	2018-05-13 12:15 PM	2018-05-13 12:15 PM
Oracle	Run Scheduled Augmentation oracle job	Run Scheduled Augmentation oracle job.	Idle		2018-05-13 12:03 PM	
Oracle	Run Scheduled Reports oracle job	Run Scheduled Reports oracle job.	Idle	2018-05-13 12:27 PM	2018-05-13 12:17 PM	2018-05-13 12:17 PM
Oracle	RUN_SUMMARIZE_EVENTS_JOB	Run Summarize Events oracle job.	Idle	2018-05-13 07:00 PM	2018-05-12 08:00 PM	2018-05-12 08:00 PM
Oracle	RUN_PURGE_REPORTS_JOB	Run Purge Reports oracle job.	Idle	2018-05-13 10:00 PM	2018-05-12 11:00 PM	2018-05-12 11:00 PM
Oracle	RUN_SCHEDULED_SELECTIONS_JOB	Run Scheduled Selection oracle job.	Idle	2018-05-13 09:00 PM	2018-05-12 10:00 PM	2018-05-12 10:00 PM

Download Results: [CSV](#)

Submission Queue

Show 25 entries

Search:

Priority	Submitted At	Submitted By	Transaction ID	Data Category	Submission Type	Comment
No matching records found						

Showing 0 entries

[Download Results:](#) [CSV](#)

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

EIS - Google Chrome C:\Users\RRYAN\Do... May2018_RTP_Facil... 12:23 PM 5/13/2018



The Submittal Feedback Report

- compare the add and update counts in Statistics tab versus your staging tables
 - Be wary of too many adds – you are mostly updating existing EIS facilities
- All critical errors (except protected lat-lon) should be addressed prior to your Production submission
 - Except Error 1989 : release point ID in apportionment must exist
- Check and resolve the potential duplicates
- Review the warning messages too



Feedback Report Statistics

Component	Added	Updated
FacilitySite	1	32
FacilityIdentification	1	32
AlternativeFacilityName	0	0
EmissionsUnit	72	2602
Regulation	0	0
ControlApproach	0	0
AlternativeUnitIdentification	72	2602
EmissionsProcess	115	3576
ReleasePoint	2605	1206
Total	2866	10050



Protected Lat-Lon Coordinates

- Have been verified using Google Earth for accuracy
- Mostly from S/L/T responses to EPA review package in Summer 2011. Some due to later identified discrepancies
- Cannot be overwritten or edited until unprotected by EPA
- Does NOT prevent other data edits to the site or release point
- Errors 1230 and 1231 “... geographic coordinates are protected, the data will not be stored...”
 - Appear as a separate worksheet in the feedback report
 - Use config reports or Gateway main site list to get coords



EIS Gateway
 Beth Hatter, North Carolina Department of Environment and Natural Resources; Authenticated Role, SUT User Role

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

VIEW/ADD/EDIT

- » Potential Duplicate Facilities

REPORTS

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

REFERENCE DATA

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

SUPPORT

- » Administration Console
- » View All Announcements

Potential Duplicate Facilities

Show 10 entries

Search:

Agency Identifier	State	County	Facility name	Company Name	NAICS Code	Zip Code	Latitude	Longitude
3702700101(NCDAQ)	NC	Caldwell	Thomasville Furniture Industries Inc - Lenoir Plt	Na	337122	28645	35.68299	-81.5294

Showing 1 to 1 of 1 entries

Download Results: [CSV](#)

First Previous 1 Next Last

Show 10 ▾ entries

Search: |

Agency Identifier	State	County	Facility name	Company Name	NAICS Code	Zip Code	Latitude	Longitude
3702700101(NCDAQ)	NC	Caldwell	Thomasville Furniture Industries Inc - Lenoir Plt	Na	337122	28645	35.88299	-81.5294

Showing 1 to 1 of 1 entries

Download Results: [CSV](#)

First	Previous	1	Next	Last
-----------------------	--------------------------	----------	----------------------	----------------------



VIEW/ADD/EDIT

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

REPORTS

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

REFERENCE DATA

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

SUPPORT

- » Administration Console
- » [View All Announcements](#)

Potential Duplicate Facility Pair Details

▼ Potential Duplicate Facility Information

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

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

When will my data show up in EIS?

- Immediately
 - Facility Inventory data will show in the Gateway view screens and in the Facility Configuration Reports immediately
 - Individual Emissions values at the process level will show in the Gateway screens and reports immediately
 - Any Emissions Sums (Facility, Unit, RelPt sums on Gateway or Reports) immediately
 - XML Snapshots – updated facility or point snapshots can be requested as reports immediately

Correcting Data in EIS

The screenshot displays the EIS system web interface. The browser address bar shows the URL: <https://greenterror.rtpnc.epa.gov/eis-system-web/facility/list.html>. The page title is "Facility Inventory and Point Emissions".

Left Sidebar:

- VIEW/ADD/EDIT**
 - » Facility Inventory and Point Emissions (highlighted with a red circle)
 - » Potential Duplicate Facilities
 - » Nonpoint/ Onroad/ Nonroad Emissions
 - » Event Emissions
 - » NCD Activity Data
 - » CDB Activity Data
- REPORTS**
 - » Request Reports
 - » Report Downloads
 - » Large File Download
 - » Feedback Reports
 - » Nonpoint Survey
 - » Agency Submission History Report
- REFERENCE DATA**
 - » Reporting Code Tables
 - » Augmentation Profile Information
 - » QA Checks
 - » Inventory Cycle Management
 - » Software and Tools
- SUPPORT**

Main Content Area:

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 County:

Search for Facility Source Types:

County List:

- Select ---
- Alamance, North Carolina(37001)
- Alexander, North Carolina(37003)
- Alleghany, North Carolina(37005)
- Anson, North Carolina(37007)
- Ashe, North Carolina(37009)
- Avery, North Carolina(37011)
- Beaufort, North Carolina(37013)

Facility Source Types List:

- 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

The Windows taskbar at the bottom shows the date and time as 6:14 PM 3/8/2018.

Operating but State/Local/Tribal Reporting Emissions in the Nonpoint Category
Permanently Shutdown
Temporarily Shutdown

Search/Clear

4,134 items found, displaying 1 to 25.[First/Prev] 1, 2, 3, 4, 5, 6, 7, 8 [Next/Last]

EIS Facility ID	Agency Identifier	Program System Code	State	County	State and County Code	Tribal Name	Facility Name	Company Name	NAICS Code	Facility Source Type	Operating Status	Site Latitude	Site Longitude	Physical Address	City
11290611			NC	New Hanover	37129		210 INVESTORS		48811	Airport	OP	34.3589	-77.8606	Unknown	CASTLE HAYNE
11078811			NC	Cleveland	37045		29NC		48811	Airport	OP	35.3117	-81.6253	Unknown	SHELBY
8297111	09700121	NCDQAQ	NC	Iredell	37097		3A Composites USA, Inc.	Nevamar Company	322220		OP	35.808333	-80.944722	3480 Taylorsville Highway	Statesville
17040511	3719500226	NCDQAQ	NC	Wilson	37195		3C Store Fixtures, Inc.	3C Store Fixtures, Inc.	33711		OP	35.739783	-77.876783	3363 Highway 301 North	Wilson
8122211	3703700104	NCDQAQ	NC	Chatham	37037		3M Pittsboro - Industrial Mineral Products	3M Company	327992	Mineral Processing Plant	OP	35.660933	-79.167316	4191 Highway 87 South	Moncure
13441311	3705700273	NCDQAQ	NC	Davidson	37057		A. M. Haire Body Company	A. M. Haire Manufacturing & Service Corporation	336211		ONRE	35.8919	-80.1042	516 Pineywood Road	Thomasville
15054911	3715700167	NCDQAQ	NC	Rockingham	37157		A.C. Furniture Company, Inc.	A.C. Furniture Company, Inc.	337127		ONRE	36.510383	-79.7833	13846 NC Highway 87	Eden
7787111	3700100201	NCDQAQ	NC	Alamance	37001		A.O. Smith Corporation	Na	335312		PS	36.08499	-79.2628	709 A.O. Smith Road	Mebane
8150211	3716100178	NCDQAQ	NC	Rutherford	37161		Aallied Die Casting Co Of Nc	Na	331523		ONRE	35.35555	-81.95527	401 Aallied Drive	Rutherford



» Facility Inventory and Point Emissions

» Potential Duplicate Facilities

» Nonpoint/ Onroad/ Nonroad Emissions

» Event Emissions

» NCD Activity Data

» CDB Activity Data

REPORTS

» Request Reports

» Report Downloads

» Large File Download

» Feedback Reports

» Nonpoint Survey

» Agency Submission History Report

REFERENCE DATA

» Reporting Code Tables

» Augmentation Profile Information

» QA Checks

» Inventory Cycle Management

» Software and Tools

SUPPORT

» Administration Console

Facility SiteRelease PointsEmissions UnitsProcesses

▼ Facility Information

EIS Facility ID: 8297111

Agency Identifier: 3709700121 (NCDAQ)

State and County FIPS: 37097 (Iredell, North Carolina)

Tribal Code:

State and County FIPS:

Responsible Agency: North Carolina Department of Environmental Quality

Facility Name: 3A Composites USA, Inc.

Facility Description: Foam/paperboard Manufacturer

Company Name: Nevamar Company

NAICS: 322220 - Paper Bag and Coated and Treated Paper Manufacturing

Facility Source Type:

Facility Category: CAP Major

Operating Status: Operating

Operating Status Year: 2008

Physical Address: 3480 Taylorsville Highway

Supplemental Address:

Locality: Statesville

State: North Carolina

Zip Code: 28625

Address Comment:

EIS Comment:

HAP Facility Category:

Permit Status:

Permit Status Year:

Last updated from: Tammy Manning

Last updated by agency: North Carolina Department of Environmental Quality

Last updated on: 2017-12-01 08:32 PM

Edit Facility Site

Delete Facility Site

-- Emissions Year --View

Waiting for remote...Remote Access Sign...EISOne EPA Workplace

ConvertSelect

6:27 PM3/8/2018

https://greenterror.rtpnc.epa.gov/eis-system-web/facility/edit.html?facilitySiteId=-84917

Waiting for remote... Remote Access Sign... EIS One EPA Workplace

File Edit View Favorites Tools Help

IT T... CAER FRS... E-En... PDT EIS ... US EPA ... One ... Web ... EPA ... EIS ... LM CAER... Faci... Pass... PDT ... OCFO... Noma...

VIEW/ADD/EDIT

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

REPORTS

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

REFERENCE DATA

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

SUPPORT

Edit Facility Site

▼ Facility Information

EIS Facility ID: 8297111

Agency Identifier: 3709700121

Agency Identifier PSC: NCDAQ

State and County FIPS: 37097 (Iredell, North Carolina)

Facility Name: 3A Composites USA, Inc.

Facility Description: Foam/paperboard Manufacturer

Company Name: Nevamar Company

NAICS Code: 322220 - Paper Bag and Coated and Treated Pape

Facility Source Type:

Facility Category: CAP Major

Operating Status: Operating

Operating Status Year: Operating but State/Local/Tribe Not Reporting Emissions

Physical Address: Operating but State/Local/Tribe Reporting Emissions in the Nonpoint Category

Supplemental Address: Permanently Shutdown

Locality: Statesville

State: North Carolina

Zip Code: 28625

Address Comment:

HAP Facility Category:

EIS Comment:

▼ Geographic Coordinates

100%

6:34 PM 3/8/2018





What is the Point Inventory?

- Emissions estimates for the facility inventory
 - By pollutant
 - By process
 - By inventory year/reporting period (e.g., 2017 / annual)
- In addition to emissions, point data may include
 - Throughput (by process and inventory/year reporting period)
 - Operating details
 - Supplemental parameters



Important Concepts (1)

- Update your Facility inventory prior to submitting Point emissions
 - Emissions may only be reported for an existing process
 - Existing process cannot have a LastEmissionsYear less than the inventory year
 - SCC code for process must still be valid and active
 - Emission Unit and Facility must be OPerating for the inventory year (can't be PS or TS Status with Status Year = inventory year)



Important Concepts (2)

- Can use LB, TON or metric to submit emissions
 - EIS reports show HAPs in LB and CAPs in TON
- Report controlled emissions, not uncontrolled
 - even if you don't report controls or %s
- All pollutants for a given process must be reported together
 - Each submittal overwrites the last for a given process
 - You can submit different facilities or different processes at a facility in separate submittals



Important Concepts (3)

- Report Process-level, not facility level
- If you report any pollutants at the facility-level, emissions could cause potential double counting and other problems –



Point Emissions Tables – Bridge Tool

- Document Header - Required
 - DataFlowName – **EIS_v1_0**
 - Property-SubmissionType - either **QA** or **Production**
 - Property-DataCategory - **Point**
 - UserIdentifier – your EIS registered acct ID (email)
 - ProgramSystemCode – your Agency's PSC
 - EmissionsYear - **2017**
- Emissions - Required
- Reporting Period - Optional
- Operating Details - Optional
- Supplemental Parameters - Optional



Emissions Table

- Emissions – Required
 - Site, Unit, and Process Identifiers
 - EIS or your Agency’s IDs (w/PSC)
 - State/County FIPS or Tribal Code if your Agency’s IDs
 - Pollutant Code
 - Total Emissions and UOM
 - Reporting Period Type Code - “A” (annual) at minimum
 - Emissions Operating Type Code - “R” (routine) at minimum
 - Emission Calculation Method Code
- Optional - but desired
 - Emission Factor, EF Numerator and Denominator, Factor Text
 - Emissions Comment



Reporting Period Table

- Required fields, IF you report this table
 - Site, Unit, and Process Identifiers
 - EIS or your Agency's IDs (w/PSC)
 - State/County FIPS or Tribal Code if your Agency's IDs
 - Reporting Period Type Code - "A" (annual) at minimum
 - Emissions Operating Type Code - "R" (routine) at minimum
- Optional additional fields
 - Start Date / End Date for episodic reporting only
 - Activity (e.g., throughput) fields– if you provide, must have these all 4 together (1) Calculation parameter value, (2) Calculation Material Code, (3) Calculation Parameter Type Code, (4) Calculation UOM
 - Optional Activity fields -- Data Year, Data Source
 - Reporting Period Comment



Operating Details Table

- Required fields, IF you report this table
 - Site, Unit, and Process Identifiers
 - EIS or your Agency's IDs (w/PSC)
 - State/County FIPS or Tribal Code if your Agency's IDs
 - Reporting Period Type Code - "A" (annual) at minimum
 - Emissions Operating Type Code - "R" (routine) at minimum
- Optional additional fields
 - Actual Hours Per Period, Average Days Per Week, Average Weeks Per Period
 - Seasonal Throughputs – Must equal 100



Supplemental Parameters Table

- Required fields, IF you report this table
 - Site, Unit, and Process Identifiers
 - EIS or your Agency's IDs (w/PSC)
 - State/County FIPS or Tribal Code if your Agency's IDs
 - Reporting Period Type Code - "A" (annual) at minimum
 - Emissions Operating Type Code - R for routine
- Optional additional fields
 - Supplemental Calculation Parameter Type
 - Heat Content, Percent Sulfur Content, or Percent Ash Content only
 - Supplemental Calculation Parameter Value
 - Supplemental Calculation Parameter Numerator and Denominator
 - Heat Content must be BTU or E6BTU
 - Supplemental Calculation Parameter Data year
 - Supplemental Calculation Parameter Data Source
 - Supplemental Calculation Parameter Comment





The Feedback Report Summary Tab

Look here
first

Submitter ID	Submission Date	Submission Status	CDX Submission ID	Submitted to	Data Category	Total System Errors	Total Critical Errors	Total Protected Errors	Total Warnings	Total Duplicates	Program System Code	Facility Site ID	System Errors per Facility	Critical Errors per Facility	Protected Errors per Facility	Warnings per Facility
brandon.p orter@dep .state.fl.us	2012- 01-31 01:14 PM	COMPL ETED	_4755be 18-6c14- 454a- b37a- f29e4c83 4fce	QA	Point	0	37	0	29	0						
											FLDE P	00101 29	0	2	0	0
											FLDE P	10504 22	0	0	0	1

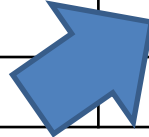


Feedback Report

Statistics Tab

Nothing was really added for a
QA submittal, but it is for a
Production submittal

Component	Added	Updated
ReportingPeriod	1157	0
OperatingDetails	1157	0
SupplementalCalculationParameter	437	0
Emissions	4077	0
Total	6828	0



If all went well, this should match the number of records in your emissions table. If it is less, then you had critical errors. Don't correct just those errors and resubmit because whenever you submit emissions for a process, if you don't submit all pollutants they will get wiped out.

Feedback Report-Critical Errors

FIPS/ Tribal Code	Facility Site ID	Emissions Unit ID	Release Point ID	Process ID	process id	Reporting Period Type	Pollutant Code	Critical Error	Critical Error Type	Critical Error Message	Resolution Message	Associated Data Component	Associated Data Component ID	Associated Data Element
06011	EIS-76611	EIS-51948213		EIS-59563014	59563014	A		1930	Cardinality	When reporting emissions, a pollutant may not reported multiple times under a single reporting period.		Reporting Period		
06011	EIS-76611	EIS-51948313		EIS-59562914	59562914	A		1930	Cardinality	When reporting emissions, a pollutant may not reported multiple times under a single reporting period.		Reporting Period		
06011	EIS-76611	EIS-51948613		EIS-59562614	59562614	A		1930	Cardinality	When reporting emissions, a pollutant may not reported multiple times under a single reporting period.		Reporting Period		

Common Critical Errors

- Error 1770 - Process ID does not exist.
 - Might be occurring if you submit your Point right after your facility inventory and you did not resolve critical errors or the Potential Duplicate Facilities error
- Error 2319 – Emissions Year must not be greater than Last Inventory Year
- Error 486 - Emission calculation method code is required



Checking Your Data

- Completeness: Are there facilities that are operating but do not have emissions?
- Emissions Values: Run an emissions summary report to compare what is in the system with your data

Agency Submission History Report

EIS - Windows Internet Explorer provided by EPA

https://eis.epa.gov/eis-system-web/reports/analysis/agencySubmissionHistory.html

File Edit View Favorites Tools Help

Convert Select

EIS

Page Tools

Agency Submission History Report

Select the inventory year of interest

Inventory Year: 2008

Show 10 entries

Search:

Agency Organization	Region Code	Facility Inventory	Point	Nonpoint	Onroad	Nonroad	Event
Alabama Department of Environmental Management	04	2011-10-11 09:40 AM	2011-04-04 04:42 PM	2011-02-17 05:38 PM	N/A	N/A	N/A
Alaska Department of Environmental Conservation	10	2010-09-16 12:59 PM	2010-09-24 01:31 PM	2010-05-04 06:40 PM	N/A	N/A	2011-11-21 07:21 PM
Allegheny County Health Department	03	2010-05-19 12:32 PM	2011-02-15 02:11 PM	N/A	N/A	N/A	N/A
American Samoa		N/A	N/A	N/A	N/A	N/A	N/A
Arapahoe Tribe of the Wind River Reservation		N/A	N/A	N/A	N/A	N/A	N/A
Arizona Department of Environmental Quality	09	2010-11-09 12:20 PM	2011-11-04 02:29 PM	2010-11-16 01:31 PM	N/A	N/A	N/A
Arkansas Department of Environmental Quality	06	2010-04-07 10:22 AM	2011-02-18 10:49 AM	2011-11-01 09:30 AM	2010-05-06 04:04 PM	N/A	N/A
Assiniboine and Sioux Tribes of the Fort Peck Indian Reservation		N/A	N/A	N/A	N/A	N/A	N/A
Bishop Paiute Tribe		N/A	N/A	N/A	N/A	N/A	N/A
Blackfeet Tribe of the Blackfeet Indian Reservation of Montana		N/A	N/A	N/A	N/A	N/A	N/A

Local intranet 100%

VIEW/ADD/EDIT

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

REPORTS

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

REFERENCE DATA

- » Reporting Code Tables
- » QA Checks
- » View Dataset Identifiers
- » Inventory Cycle Management

Agency Submission History Report

Manager Role, Authenticated Role, Inventory Selector Role, Inventory Developer Role, Account Manager Role

Facility Submission Status Report

▼ Agency

Agency Description: [Alabama Department of Environmental Management](#)

Inventory Year:

Show entries Search:

Operating Status Code ▲	Facility Site Count ◇	Facility Sites Reporting Emissions Count ◇	# Facility Sites Remaining ◇
OP - EXPECTED	350	308	42
OP - TOTAL	962	309	653
PS - EXPECTED	35	4	31
PS - TOTAL	37	4	33

Showing 1 to 4 of 4 entries First Previous 1 Next Last

Download Results: [CSV](#)

Note: Expected means that the agency is expected to report emissions for this facility based upon the existence of an agency identifier and the status being operational for the current inventory year.

Local intranet 100%

List of facilities for which emissions were expected but no emissions reported

▼ Agency/Operating Status

Agency Description: Alabama Department of Environmental Management

Operating Status: OP - EXPECTED

Inventory Year: 2008 ▼

▼ Report

Sort by Pollutant count

350 items found, displaying 1 to 25.[First/Prev] 1, 2, 3, 4, 5, 6, 7, 8 [Next/Last]

EIS Facility ID	State and County Code	Tribal Code	Agency System Code	Agency ID	Facility Name	Operating Status	Operating Status Year	Expected?	NAICS Code	Facility Type	Process Count	Pollutant Count
12787711	01125		ADEM	0005	Warrior Asphalt Refining Co Inc	OP		yes	324122			
7212411	01001		ADEM	0005	Haldex Friction Products	OP	2008	yes	336399			
7949611	01075		ADEM	0008	Marathon Equipment Co	OP	2008	yes	333319			
966411	01033		ADEM	0009	Wise Alloys L L C	OP	2008	yes	331314			
953911	01083		ADEM	0011	Steelcase Inc	OP	2008	yes	337214			
561611	01005		ADEM	0013	Mineral Manufacturing Corporation	OP	2008	yes	327999			
7919611	01031		ADEM	0014	Dorsey Trailer Inc	OP	2008	yes	336212			
1042311	01093		ADEM	0015	Speedrack	OP	2008	yes	332510			
886111	01111		ADEM	0016	Meadowcraft Casual Furniture Inc	OP	2008	yes	337124			
1021911	01057		ADEM	0017	Oxbodies Inc	OP	2008	yes	336211			
10757311	01000		ADEM	0018	Midroc Operating	OP			331111			

96

Sort by Pollutant count





How do I edit an emissions value?

- Edit emissions values by
 - XML Batch (Staging Tables)
 - Remember to include all pollutants previously reported, not just the pollutant to be changed
 - Gateway
 - Easiest and safest if you only have a few changes

Editing Emissions on the Gateway (1)

EIS - Windows Internet Explorer provided by EPA

https://eis.epa.gov/eis-system-web/process/view.html?facilitySiteId=-6643&emissionsUnitId=-54339&emissionsProce=

File Edit View Favorites Tools Help

Convert Select

EIS

Page Tools

VIEW/ADD/EDIT

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

REPORTS

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

REFERENCE DATA

- » Reporting Code Tables
- » QA Checks
- » View Dataset Identifiers
- » Inventory Cycle Management

View Emissions Process Detail

- » Facility Site
- » Emissions Unit
- ▼ Emissions Process
 - EIS Process ID: 61525014
 - Agency Process ID: 01
 - Program System Code: ADEM
 - EPA Process ID:
 - EPA Program System Code:
 - SCC: 10200602
 - Aircraft Engine Type Code:
 - Emissions Process Description:
 - SCC Level One: External Combustion Boilers
 - SCC Level Two: Industrial
 - SCC Level Three: Natural Gas
 - SCC Level Four: 10-100 Million Btu/hr
 - Last Inventory Year:
 - Comment:
 - Last updated from: Elizabeth Spring Tate
 - Last updated by agency: Alabama Department of Environmental Management
 - Last updated on: 2010-05-28 12:11 AM

- [Edit Emissions Process](#)
- [Delete Emission Process](#)
- [View Emissions](#)

- » Control Approaches
- » Release Point Apportionment
- » Applicable Regulations
- » Emissions Process Audit Log
- » Release Point Apportionment Audit Log

Done

Local intranet 100%

Editing Emissions on the Gateway (2)

» Merge Processes

» Nonpoint/ Onroad/ Nonroad Emissions

» Event Emissions

» NCD Activity Data

» CDB Activity Data

» Inventory Selection

» Schedule Augmentation

» Data Tagging

REPORTS

» Request Reports

» Report Downloads

» Large File Download

» Feedback Reports

» Agency Submission History Report

REFERENCE DATA

» Reporting Code Tables

» Augmentation Profile Information

» QA Checks

» View Dataset Identifiers

» Inventory Cycle Management

» Software and Tools

SUPPORT

» Administration Console

» View All Announcements

» View Support Requests

» Create Support Request

ACCOUNT DATA

Emissions Process

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

Show 10 entries

Search dataset

Search inventory year

Search reporting period type

Search emissions operating type co

Search start date

Search end date

DataSet	Inventory Year	Reporting Period Type	Emissions Operating Type Code	Start Date	End Date
2016NEI_Draft_V1	2016	Annual	Routine		
2016EPA_TRI	2016	Annual	Routine		
2016EPA_TRIcr	2016	Annual	Routine		
2015NEI	2015	Annual	Routine		
2015EPA_TRI	2015	Annual	Routine		
2014 NEI Draft V1	2014	Annual	Routine		
2014EPA_TRI	2014	Annual	Routine		
2011EPA_TRI	2011	Annual	Routine		

Showing 1 to 8 of 8 entries

Download Results: CSV

First Previous 1 Next Last

Emissions

Add Emissions

Pollutant type	Pollutant Code	Pollutant	2016EPA_TRI 2016 Annual Routine	Data Tag
CAP	NH3	Ammonia	1 LB	⚠
CAP	7439921	Lead	92.1000 LB	⚠
HAP	7664393	Hydrogen Fluoride	11000 LB	⚠
HAP	7440484	Cobalt	38 LB	⚠
HAP	7647010	Hydrochloric Acid	41000 LB	⚠
HAP	7440382	Arsenic	180 LB	⚠
HAP	7440020	Nickel	180 LB	⚠
HAP	7440473	Chromium	190 LB	⚠
HAP	7440417	Beryllium	7 LB	⚠
HAP	7439976	Mercury	33.7000 LB	⚠
HAP	7439965	Manganese	260 LB	⚠

EIS

Yahoo

Secure | https://eis.epa.gov/eis-system-web/process/emissions.html?emissionsProcessId=710929&facilitySiteId=-80242&emissionsUnitId=455443

Apps | EIS Gateway | gmail Email from Go | Dictionary and Thes | Rons | EGUs | EPA_sites | epa employ redos | Online Trading, ETFs | Places_redo | Area Code Listing, b | Gas Prices | USA TODAY Latest V

Windows Taskbar: EIS - Google Chrome, C:\Users\RRYAN\Do..., May2018_RTP_Facil...

System Tray: 6:43 PM 5/13/2018

Editing Emissions on the Gateway(3)

EIS Gateway
Ron Ryan, EIS, Content Manager Role, Inventory Developer Role, Authenticated Role

VIEW/ADD/EDIT

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

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- » Agency Submission History Report

REFERENCE DATA

- » Reporting Code Tables
- » Augmentation Profile Information
- » QA Checks
- » View Dataset Identifiers

Emissions Detail

- » Facility Site
- » Emissions Unit
- » Emissions Process
- » Reporting Period

Emissions

Pollutant: Lead

Total emissions: 92.1

Emissions Unit of Measure: LB

Emission Calculation method: 2 - Engineering Judgment

Emission factor:

Emission Factor UoM (Numerator):

Emission Factor UoM (Denominator):

Emission factor text:

Comment: 2016 TRI reported emissions

Last updated from: Ron Ryan

Last updated by agency: EIS

Last updated on: 2018-04-26 05:37 PM

Data Tag: ☒

Data Tag Comment: 2016 pollutant or family reported by Responsible Agency

[Add Emissions](#)

[Edit Emissions](#)

[Delete Emissions](#)

Editing Emissions on the Gateway (4)

Edit Emissions

▶ Facility Site

▶ Emissions Unit

▶ Emissions Process

▶ Reporting Period

▼ Emissions

Pollutant: Chromium III

✱ Total Emissions:

0.0

✱ Emissions Unit Of Measure:

LB

▼

✱ Emissions Calculation Method:

5 - USEPA Speciation Profile

▼

Emissions Factor:

Emissions Factor UOM (numerator):

-- Select --

▼

Emissions Factor UOM (denominator):

-- Select --

▼

Emissions Factor Text:

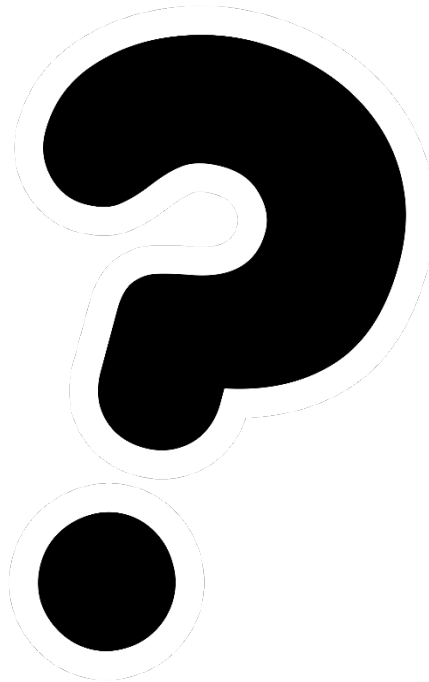
Comment:

Chromium III emissions calculated using IADNR-report

Save

Undo

Cancel





Aircraft LTOs are Point Sources

- Includes aircraft engines exhaust, auxiliary power units and ground support equipment (GSE). Excludes aviation gas distribution (nonpoint)
- Although NONROAD model calculates GSE, those SCCs must be reported at the airport, and are not allowed in a nonroad submittal
- Aircraft exhaust units are aircraft types by SCC (military, commercial, general aviation, etc). Processes are aircraft make and engine type, indicated by aircraftenginetype code
- Submitters should not create new units and processes without first confirming you have SCC and aircraft-engine combinations that are not represented at the existing EIS airport. EIS will not accept new submittals that duplicate units or processes.



Rail Yards

- EPA has developed facilities for 1240 large yards. Nonpoint yard emissions are also allowed, but submitters should first look for facility yards to avoid double counting, before reporting as nonpoint.
- All yards are not yet in EIS, thus additional facilities are desired.
- Rails lines are reported in nonpoint

EGUs

- SLT responsible for reporting emissions
- USEPA also estimates emissions for most units, based on facility reported heat inputs to CAMD (w/SO₂ and NO_x CEMS)
- We use the SLT values in the NEI if available. Rare cases where we will use CAMD SO₂ or NO_x values if very different
- The ORIS Facility and ORIS Unit IDs used for CEM reporting are stored in EIS as Alternate Unit IDs. If you re-arrange the way you report EGU Units, or need to change your Agency IDs, please let us know.



Species of PM

- Filterable: PM10-FIL; PM25-FIL
- Condensable: PM-CON
- Primary: PM10-PRI; PM25-PRI

Please report FIL species and PM-CON. Report Primary species if you don't have anything else.

Most important thing is to use the codes correctly – Don't call it PRI if it only includes the FIL portion

If you don't report all 5 flavors, EPA will gap fill based on the values of the PM species you do report – PM Augmentation

QA Checks for PM

Critical Checks - ALL pollutants for emissions process will be rejected IF:

- $PM_{25-FIL} > PM_{25-PRI}$
- $PM_{10-FIL} > PM_{10-PRI}$
- $PM-CON > \text{either PRI}$
- $PM_{25-FIL} > PM_{10-FIL}$
- $PM_{25-PRI} > PM_{10-PRI}$

Warning Check

- Sum of FIL + CON not equal to PRI

The Types of HAPs

- Listed HAPs reported as individual pollutants
- Metals reported as a single pollutant code
- Listed HAPs that can be reported as either individual pollutants or as a single aggregate pollutant
- Special Cases

HAPs Reported as Individual Pollutants

- Easiest HAPs to report
- One pollutant code per HAP: E.G.; benzene, 1,3 butadiene, hydrochloric acid, and about 160 others
- Pollutant code is chemical abstract system # (no dashes)
- Still need to be aware of synonyms
 - Perchloroethylene = tetrachlorethylene
 - Methylene chloride = dichloromethane
 - 1,2 –dibromoethane = ethylene dibromide
 - 1,2-dichloroethane = ethylene dichloride



“Metal and compounds” reported as single aggregated Element

- Includes:
 - Antimony, Arsenic , Beryllium
 - Cadmium, Cobalt, Lead
 - Manganese, Mercury, Selenium
- Can only use one code (CAS # of the metal)
- Spreadsheet tool provides instructions for converting compounds into single aggregate pollutant:
https://www.epa.gov/sites/production/files/2015-09/pollutant_code_conversion_spreadsheet050120120.xls



HAPs that can be Reported as either Single species or aggregate group

- **Cresols:** p-cresol, m-cresol, o-cresol and cresols (Includes o,m &p)
- **Fine Mineral Fibers:** “Fine Mineral Fibers” and the following 4 specific ones: Ceramic Fibers (Man-Made Fibers), Glasswool (Man-Made Fibers), Slagwool (Man-Made Fibers), Rockwool (Man-Made Fibers)
- **Glycol Ethers:** Glycol Ethers and 52 specific glycol ether compounds
- **PCBs:** Polychlorinated Biphenyls and 10 specific PCBs
- **POM/PAHs:** “PAH, total”, “PAH/POM – Unspecified”, “coal tar” , EOM and 50 specific PAHs
- **Xylenes:** “Xylenes (Mixed Isomers)” and the 3 xylene isomers: o-xylene, m-xylene and p-xylene
- **Radionuclides:** “Radionuclides (Including Radon)” and 10 specific ones
- **Dioxins/Furans:** three aggregate pollutants (e.g. “dioxins/furans as 2,3,7,8-TCDD TEQs-I/98”) and 17 specific ones

CRITICAL Error if the grouped pollutant and any of the specific members reported at same process. ALL pollutants for that process rejected.

Special Cases

- **Chromium**
- **Nickel**
- **Cyanide**



Chromium

- **Allowable Pollutant Codes**

Pollutant Code	Description
1333820	Chromium Trioxide
16065831	Chromium III
18540299	Chromium (VI)
7440473	Chromium
7738945	Chromic Acid (VI)

- ▶ Chromium VI (and chromium trioxide and chromic acid) are high risk HAPs.
- ▶ Chromium (7440473) is not speciated, and could be a mix of chromium VI and non-high risk forms of chromium

- ▶ If you have a chromium compound other than the ones listed, use the spreadsheet tool to convert to Chromium III or Chromium VI.

- ▶ DO NOT REPORT CHROMIUM and hex or tri at the same process

CRITICAL QA check will reject all emissions for that process

In the 2008 NEI, EPA developed a speciated chromium dataset that contained hex and tri based on speciated SLT chromium. Documentation is on CHIEF



Nickel

- **Allowable Pollutant Codes**

Pollutant Code	Description
12035722	Nickel Subsulfide
1313991	Nickel Oxide
604	Nickel Refinery Dust
7440020	Nickel

- ▶ If you have a nickel compound other than the ones listed, use the spreadsheet tool to convert to nickel.
- ▶ Ok to report nickel with any of the other flavors. Just know that any risk will be additive



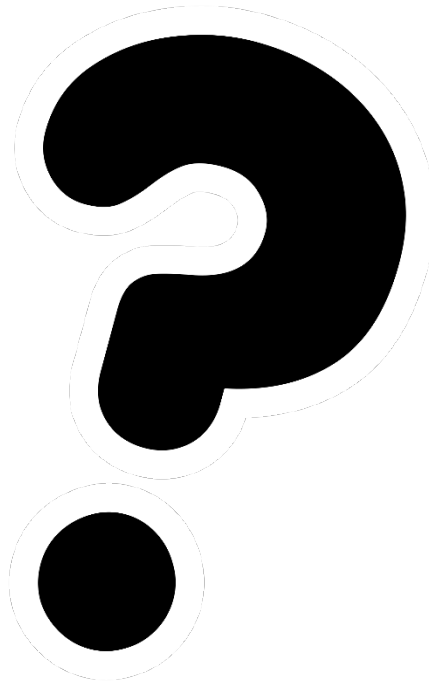
Cyanide

- **Allowable Pollutant Codes**

Pollutant Code	Description
57125	Cyanide
74908	Hydrogen Cyanide

-

- ▶ Can report cyanide or hydrogen cyanide
- ▶ Spreadsheet tool provides instructions/data for converting other cyanide compounds (such as Potassium cyanide) to a valid pollutant.





EPA Review, Augmentation, Selection



EPA Review of Your data

- Completeness
- Outliers
- Comparison to Earlier Years and other data sets
 - At Facility Level
 - Filtered for largest % plus absolute deltas
 - CAMD and TRI data sets used in addition to previous NEI



Tagging and Augmentation

- EPA will not change your emissions data
 - But we may “tag out” outliers if not resolved
- EPA will Augment to build a complete inventory
 - Chrome speciation
 - PM Augmentation
 - TRI, CAMD-EGUs, Landfills, GHGRP
 - HAP Augmentation



Putting it all Together- the “Selection”

- Preference is to use the S/L/T data first in the hierarchy
- Other data sources used lower in hierarchy
 - Chrome speciation
 - PM Augmentation
 - TRI, EGU
 - HAP Augmentation
- Data sources that may be used above S/L/T
 - Some rule data
- Draft release for SLT review



Timeline

- S/L/T submittals for 2017 Inventory due Dec-31-2018
 - Grace period for Facility Inventory - Jan 7, 2019
 - Grace period for Point Emissions – Jan 15, 2019
- EPA sends out comparison file (xls) – Feb 22, 2019
- All EPA Augmentation datasets by April 1, 2019
- S/L/Ts make edits to their data by May 15, 2019
- Draft selection of NEI v1 Point Inventory in EIS for review June 15, 2019
- Final NEI v1 Point Inventory in EIS July 1, 2019



Reports

How do I get data out of EIS?

The screenshot shows the EIS System Web interface. The left sidebar contains a menu with the following items:

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

The main content area is titled 'Request Reports' and contains two sections:

▼ 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.

National By Data Category	Point, Nonpoint, Onroad, Nonroad or Event emissions data at National geographic level.
National By Sector	Point, Nonpoint, Onroad, Nonroad or Event emissions data at National geographic level.
National By Source Classification	Point, Nonpoint, Onroad, Nonroad or Event emissions data at National geographic level.
Regional By Data Category	Point, Nonpoint, Onroad, Nonroad or Event emissions data at Regional geographic level.
Regional By Sector	Point, Nonpoint, Onroad, Nonroad or Event emissions data at Regional geographic level.
Regional By Source Classification	Point, Nonpoint, Onroad, Nonroad or Event emissions data at Regional geographic level.
State/Tribe By Data Category	Point, Nonpoint, Onroad, Nonroad or Event emissions data at County geographic level.
State/Tribe By Sector	Point, Nonpoint, Onroad, Nonroad or Event emissions data at State/Tribe geographic level.
State/Tribe By Source Classification	Point, Nonpoint, Onroad, Nonroad or Event emissions data at State/Tribe geographic level.
County By Data Category	Point, Nonpoint, Onroad, Nonroad or Event emissions data at County geographic level.
County By Sector	Point, Nonpoint, Onroad, Nonroad or Event emissions data at County geographic level.
County By Source Classification	Point, Nonpoint, Onroad, Nonroad or Event emissions data at County geographic level.
Area Emissions Process	Area emissions data at process level.
SPPD Flat File	Point data in SPPD Flat file format

▼ Facility Emissions Summary Reports

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

Emissions Summaries by Facility	Point emissions data at facility level. Both EIS and S/L/T Agency identifiers are provided.
Emissions Summaries by Emissions Unit	Point emissions data at unit level. Both EIS and S/L/T Agency identifiers are provided.
Emissions Summaries by Emissions Process	Point emissions data at process level. Both EIS and S/L/T Agency identifiers are provided.



Reports

- Emissions Summaries – by Geography
 - National, State/Tribe, or County
 - Data Category, Sector, or SCC
- Emissions Summaries – by Facility
 - Facility, Unit, Process or Release Pt Level
- Configuration Reports (CSV flat files)
- Snapshots (XML files in CERS Schema)
- SMOKE Flat Files (csv modeling format)
- Comparison Reports (multiple data sets)
- Data Tagging

Emissions Summary by Facility (1)

EIS - Windows Internet Explorer provided by EPA

https://eis.epa.gov/eis-system-web/reports/facilityAggregate/criteria.html

File Edit View Favorites Tools Help

Convert Select

EIS

Home RSS Print Page Tools

VIEW/ADD/EDIT

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

REPORTS

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

REFERENCE DATA

- » Reporting Code Tables
- » QA Checks
- » View Dataset Identifiers
- » Inventory Cycle Management

Emissions Summaries by Facility (CSV)

Report Criteria

Report Type	» a Report Type is required.
Data Set	» a Data Set is required.
Pollutants	» at least one Pollutant is required.
Geography	» All geographic regions included.
Source Types	» all Source Types included.
Regulation	» No regulation selected.
SCC	» No source classifications selected.

Report Type

Report Type
Facility
Emissions Unit
Emissions Process
Release Point

Data Set or Selection

- » Pollutants
- » Regions
- » States
- » Tribes
- » Counties
- » Facility Types
- » NAICS

Local intranet 100% 125

Emissions Summary by Facility (select a dataset)

EIS - Windows Internet Explorer provided by EPA

https://eis.epa.gov/eis-system-web/reports/facilityAggregate/criteria.html

File Edit View Favorites Tools Help

Convert Select

EIS

Page Tools

VIEW/ADD/EDIT

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

REPORTS

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

REFERENCE DATA

- » Reporting Code Tables
- » QA Checks
- » View Dataset Identifiers
- » Inventory Cycle Management

Emissions Summaries by Facility (CSV)

Report Criteria

Report Type	» Emissions Process
Data Set	» a Data Set is required.
Pollutants	» at least one Pollutant is required.
Geography	» All geographic regions included.
Source Types	» all Source Types included.
Regulation	» No regulation selected.
SCC	» No source classifications selected.

Report Type

Data Set or Selection

Show 10 entries Search: 2008 A

Data Set or Selection	Inventory Year	Data Set Name
Data Set	2008	2008 EPA Ag Fires
Data Set	2008	2008 EPA Rule Data from OAQPS/SPPD
Data Set	2008	2008EPA_MATS
Data Set	2008	2008EPA_MMS
Data Set	2008	Alabama Department of Environmental Management
Data Set	2008	Alaska Department of Environmental Conservation
Data Set	2008	Allegheny County Health Department
Data Set	2008	American Samoa
Data Set	2008	Arapahoe Tribe of the Wind River Reservation
Data Set	2008	Arizona Department of Environmental Quality

Showing 1 to 10 of 201 entries (filtered from 501 total entries)

First Previous 1 2 3 4 5 Next Last

Done Local intranet 100%

Emissions Summary by Facility (select pollutants)

EIS - Windows Internet Explorer provided by EPA

https://eis.epa.gov/eis-system-web/reports/facilityAggregate/criteria.html

File Edit View Favorites Tools Help

Convert Select

EIS

Page Tools

VIEW/ADD/EDIT

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

REPORTS

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

REFERENCE DATA

- » Reporting Code Tables
- » QA Checks
- » View Dataset Identifiers
- » Inventory Cycle Management

Emissions Summaries by Facility (CSV)

Report Criteria

Report Type » Emissions Process
Data Set » 2008-Alabama Department of Environmental Management
Pollutants » at least one Pollutant is required.
Geography » All geographic regions included.
Source Types » all Source Types included.
Regulation » No regulation selected.
SCC » No source classifications selected.

» Report Type

» Data Set or Selection

▼ Pollutants

Select **All** **All Active** **All CAPs** **Active CAPs** **All HAPs** **Active HAPs** **16 HAPs** **None**

Show 10 entries Search:

Pollutant Type	Pollutant Code	Pollutant Name	Status
CAP	7439921	Lead	Active
CAP	CO	Carbon Monoxide	Active
CAP	NH3	Ammonia	Active
CAP	NOX	Nitrogen Oxides	Active
CAP	PM-CON	PM Condensible	Active
CAP	PM-FIL	PM Filterable	Retired in 2005
CAP	PM-PRI	PM Primary (Filt + Cond)	Retired in 2005
CAP	PM10-FIL	PM10 Filterable	Active
CAP	PM10-PRI	PM10 Primary (Filt + Cond)	Active
CAP	PM25-FIL	PM2.5 Filterable	Active

Done

Local intranet

100%

Emissions Summary by Facility (optional filters)

EIS - Windows Internet Explorer provided by EPA

https://eis.epa.gov/eis-system-web/reports/facilityAggregate/criteria.html

File Edit View Favorites Tools Help

Convert Select

EIS

Page Tools

VIEW/ADD/EDIT

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

REPORTS

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

REFERENCE DATA

- » Reporting Code Tables
- » QA Checks
- » View Dataset Identifiers
- » Inventory Cycle

Emissions Summaries by Facility (CSV)

Report Criteria

Report Type	» Emissions Process
Data Set	» 2008-Alabama Department of Environmental Management
Pollutants	» 7439921
Geography	» All geographic regions included.
Source Types	» all Source Types included.
Regulation	» No regulation selected.
SCC	» No source classifications selected.

- ▶ Report Type
- ▶ Data Set or Selection
- ▶ Pollutants
- ▶ Regions
- ▶ States
- ▶ Tribes
- ▶ Counties
- ▶ Facility Types
- ▶ NAICS
- ▶ Regulations
- ▶ Source Classifications

Run Report Request Download

Local intranet 100%

Report Downloads

EIS - Windows Internet Explorer provided by EPA

https://eis.epa.gov/eis-system-web/reports/downloads/list.html

File Edit View Favorites Tools Help

Convert Select

EIS

Page Tools

EIS Gateway

Sally Dombrowski; EIS; Content Manager Role, Authenticated Role, Inventory Selector Role, Inventory Developer Role, Account Manager Role

VIEW/ADD/EDIT

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

REPORTS

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

REFERENCE DATA

Reports Available for Download

Show 10 entries Search:

	Report Type	Time Requested	Time Generated	First Name	Last Name
 	State/Tribal by Source Classification	2012-01-31 12:50 PM		Ron	Ryan
 	National by Source Classification	2012-01-31 12:45 PM	2012-01-31 12:46 PM	Ron	Ryan
 	National by Source Classification	2012-01-31 11:39 AM	2012-01-31 11:46 AM	Madeleine	Strum
 	National by Data Category	2012-01-31 10:31 AM	2012-01-31 10:46 AM	Roy	Huntley
 	Facility	2012-01-31 09:49 AM	2012-01-31 10:03 AM	Anthony	Ross
Report Type: Facility Data Set: 2008-2008 V2_0 GPR Pollutants: CO, SO2, NOX, VOC, PM25-PRI, PM10-PRI, 7439921 States: MN					
 	Facility	2012-01-31 09:49 AM	2012-01-31 10:03 AM	Anthony	Ross
 	Facility	2012-01-31 09:48 AM	2012-01-31 10:03 AM	Anthony	Ross
 	Facility	2012-01-31 09:48 AM	2012-01-31 10:03 AM	Anthony	Ross
 	Facility	2012-01-31 09:47 AM	2012-01-31 09:48 AM	Anthony	Ross
 	Facility	2012-01-31 09:46 AM	2012-01-31 09:48 AM	Anthony	Ross

Showing 1 to 10 of 63 entries

First Previous 1 2 3 4 5 Next Last

Local intranet 100%

Emission Summary by Geography (1)

EIS - Windows Internet Explorer provided by EPA

https://eis.epa.gov/eis-system-web/reports/geographicAggregate/criteria.html

File Edit View Favorites Tools Help

Convert Select

EIS

Home RSS Print Page Tools

VIEW/ADD/EDIT

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

REPORTS

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

REFERENCE DATA

- » Reporting Code Tables
- » QA Checks
- » View Dataset Identifiers
- » Inventory Cycle Management

Emissions Summaries by Geography (CSV)

Report Criteria

- Report Type** » a Report Type is required.
- Data Set** » a Data Set is required.
- Pollutants** » at least one Pollutant is required.
- Geography** » All geographic regions included.
- Sectors** » All Sectors Selected.

Report Type

National by Data Category
National by Sector
National by Source Classification
Regional by Data Category
Regional by Sector
Regional by Source Classification
State/Tribe by Data Category
State/Tribe by Sector
State/Tribe by Source Classification
County by Data Category
County by Sector
County by Source Classification

Data Set or Selection

Pollutants

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130

Emission Summary by Geography (2)

EIS - Windows Internet Explorer provided by EPA

https://eis.epa.gov/eis-system-web/reports/geographicAggregate/criteria.html

File Edit View Favorites Tools Help

Convert Select

EIS

Home RSS Print Page Tools

VIEW/ADD/EDIT

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

REPORTS

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

REFERENCE DATA

- » Reporting Code Tables
- » QA Checks
- » View Dataset Identifiers
- » Inventory Cycle Management

Emissions Summaries by Geography (CSV)

Report Criteria

Report Type » County by Data Category

Data Set » a Data Set is required.

Pollutants » at least one Pollutant is required.

Geography » All geographic regions included.

Sectors » All Sectors Selected.

Report Type

▼ Data Set or Selection

Show 10 entries Search:

Data Set or Selection	Inventory Year	Data Set Name
Data Set	2010	Alabama Department of Environmental Management
Data Set	2010	Alaska Department of Environmental Conservation
Data Set	2010	Allegheny County Health Department
Data Set	2010	American Samoa
Data Set	2010	Arapahoe Tribe of the Wind River Reservation
Data Set	2010	Arizona Department of Environmental Quality
Data Set	2010	Arkansas Department of Environmental Quality
Data Set	2010	Assiniboine and Sioux Tribes of the Fort Peck Indian Reservation
Data Set	2010	Bishop Paiute Tribe
Data Set	2010	Blackfeet Tribe of the Blackfeet Indian Reservation of Montana

Showing 1 to 10 of 501 entries

First Previous 1 2 3 4 5 Next Last

Pollutants

Regions

Local intranet 100%

Reports - Snapshots

The screenshot shows a web browser window with the URL <https://greenterror.rtpnc.epa.gov/eis-system-web/report/list.html>. The browser's address bar and tabs are visible at the top. The main content area is titled 'Request Reports' and contains a list of report categories. The 'Facility and Emission XML Snapshots' category is highlighted with a red circle. Below this category, a table lists various snapshot types and their descriptions. The left sidebar contains navigation links for 'VIEW/ADD/EDIT', 'REPORTS', and 'REFERENCE DATA'. The bottom of the screen shows the Windows taskbar with various application icons and the system clock.

VIEW/ADD/EDIT

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

REPORTS

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

REFERENCE DATA

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

Request Reports

- » Emissions Summary Reports
- » Facility Emissions Summary Reports
- » Facility Configuration Reports
- » Event Reports
- » Data Tagging Summaries
- » Smoke Flat File
- ▼ **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.

Facility Snapshot (XML)	Produces Facility Inventory XML for selected records
Point Emissions Snapshot (XML)	Produces Point XML for selected records
NonPoint, OnRoad, NonRoad Emissions Snapshot (XML)	Produces Area-type XML for selected records
Event Emissions Snapshot (XML)	Produces Event XML for selected records
- » Comparison Reports

100%

4:37 PM
3/8/2018

Reports - Snapshots

The screenshot displays the EPA EIS System Web interface for creating a report. The browser address bar shows the URL: https://greenterror.rtpnc.epa.gov/eis-system-web/report/create.html?reportCd=FAC_SNAP. The page title is "Facility Snapshot (XML)".

Left Sidebar:

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

Main Content Area:

Facility Snapshot (XML)

Report Criteria

- Responsible Agency » No responsible agency selected.
- Geography » All geographic regions included.
- Source Types » No source types selected.
- Regulation » No regulations selected.
- SCC » No source classifications selected.
- Sectors » All sectors selected.
- Facility Status » No facility statuses selected.

Responsible Agency

Show entries Search:

Description
Forsyth County Office of Environmental Assistance and Protection
Mecklenburg County Air Quality
North Carolina Department of Environmental Quality
Western North Carolina Regional Air Quality Agency (Buncombe Co.)

Showing 1 to 4 of 4 entries First Previous 1 Next Last

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

NAICS

Source Classification Code

Sector

Operating Status

Facility Types

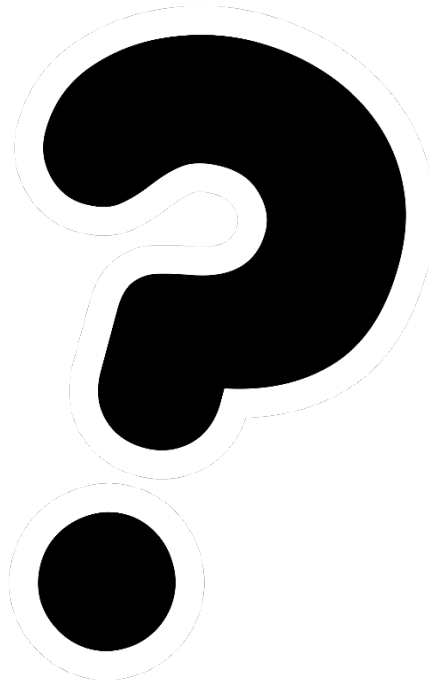
EIS Facility Identifiers

Taskbar: The bottom taskbar shows various application icons including Windows Explorer, Microsoft Office Word, PowerPoint, Excel, and the Chrome browser. The system clock indicates 4:45 PM on 3/8/2018.



Reports – of note

- Process Level – Data Source column (selection reviews)
- Comparison Reports (selection review, your QA, etc)
- Custom Choice of Columns/Data Fields
- Email now sent to you when report is ready
- Geographic filters are not a drill-down – all levels chosen are “anded” together.



Where do I find Codes?

The screenshot shows the EIS website interface. On the left is a navigation menu with four main sections: REPORTS, REFERENCE DATA, SUPPORT, and ACCOUNT DATA. The REFERENCE DATA section is circled in blue. Below it is the CONTENT MANAGEMENT section. The main content area on the right is a table of codes, with the NAICS Code row circled in blue. The table lists various codes and their descriptions, such as Calculation Parameter Unit of Measure Code, Control Measure Code, Coordinate Data Source Code, Emission Calculation Method Code, Emission Factor Denominator Unit of Measure Code, Emission Factor Numerator Unit of Measure Code, Emission Operating Type Code, Emission Reduction Technique Code, Emissions Type Code, Emissions Unit of Measure Code, Event Classification Code, Event Size Source Code, Event Stage Code, Facility Category Code, Facility Site Status Code, Facility Source Type Code, Fuel Configuration Code, Fuel Consumption And Emissions Model Code, Fuel Loading Unit of Measure Code, Fuel Selection Code, Fuel Type Model Code, Geographic Reference Point Code, Geometric Type Code, Ground Based Data Source Code, Heat Release Unit Of Measure Code, Horizontal Collection Method Code, Horizontal Reference Datum Code, Ignition Location Code, Ignition Method Code, Ignition Orientation Code, Location Address State Code, Location Type Code, NAICS Code, Pollutant Code, Port Identifiers, and Railway Segment Identifiers.

REPORTS

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

REFERENCE DATA

- » Reporting Code Tables
- » QA Checks
- » View Dataset Identifiers
- » Inventory Cycle Management
- » EIS Bridge

SUPPORT

- » Administration Console
- » View All Announcements
- » View Support Requests
- » Create Support Request

ACCOUNT DATA

- » My Account
- » My Agency
- » Account List
- » Current Users List
- » Account Request List
- » Agency Organizations

CONTENT MANAGEMENT

- » Messages
- » Application Configuration
- » Create Announcement
- » Logout

Calculation Parameter Unit of Measure Code	Code for the unit of measure for calculation parameter value.
Control Measure Code	Code that identifies the piece of equipment or practice that is used to reduce one or more pollutants.
Coordinate Data Source Code	The code that represents the party responsible for providing the latitude and longitude coordinates. See www.epa.gov/oei/ for more information on the proper usage of this code set.
Emission Calculation Method Code	Code that defines the method used to calculate emissions.
Emission Factor Denominator Unit of Measure Code	The denominator for the unit of measure of the reported emission factor.
Emission Factor Numerator Unit of Measure Code	The numerator for the unit of measure of the reported emission factor.
Emission Operating Type Code	Table of codes that identify the operating state for the emissions being reported.
Emission Reduction Technique Code	Code identifying the method used for reducing emissions from prescribed fires, agricultural fires, Native American Fires and Wildland Use fires emissions.
Emissions Type Code	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).
Emissions Unit of Measure Code	Unit of measure for reported emissions.
Event Classification Code	Table of codes that identify the classification of a fire.
Event Size Source Code	Table of codes that identify methods used to determine the size of an event.
Event Stage Code	Identifies whether emissions reported are due to flaming, smoldering, or both.
Facility Category Code	Code that identifies the Clean Air Act Stationary Source designation. Examples include major, minor, and synthetic minor.
Facility Site Status Code	Code that identifies the operating status of the facility site.
Facility Source Type Code	Category or source type of a facility for EIS classification.
Fuel Configuration Code	The predominant configuration of the fuel burned (i.e., pile, windrow, broadcast or natural).
Fuel Consumption And Emissions Model Code	Code that identifies the unit of measure for the amount of fuel consumed.
Fuel Loading Unit of Measure Code	Code that identifies the numerator of the unit of measure for the fuel loading.
Fuel Selection Code	The method used (on-site survey vs. GIS overlay) to select the appropriate fuel beds (e.g., red spruce, chaparral, sawgrass, or logging slash).
Fuel Type Model Code	The fuel model used to characterize available fuel beds (e.g., FCCS or NFDRS).
Geographic Reference Point Code	The code that represents the place for which geographic coordinates were established. See www.epa.gov/oei/ for more information on the proper usage of this code set.
Geometric Type Code	The code that represents the geometric entity represented by one point or a sequence of latitude and longitude points. See www.epa.gov/oei/ for more information on the proper usage of this code set.
Ground Based Data Source Code	Indicates whether ground-based data were included and if so, identifies their source.
Heat Release Unit Of Measure Code	Code that identifies the unit of measure for heat release.
Horizontal Collection Method Code	The code that identifies the method used to determine the latitude and longitude coordinates for a point on the earth. See www.epa.gov/oei/ for more information on the proper usage of this code set.
Horizontal Reference Datum Code	The code that represents the reference datum used in determining latitude and longitude coordinates. See www.epa.gov/oei/ for more information on the proper usage of this code set.
Ignition Location Code	The location and distribution of the ignition points within the burn area (e.g., center or multiple).
Ignition Method Code	The method used to ignite the fire (i.e., DAID, helitorch, or driptorch).
Ignition Orientation Code	The technique used to direct the orientation of the fire's movement with respect to the wind (i.e., backing, strip-heading, or flanking).
Location Address State Code	The alphabetic codes that represent the name of the principal administrative subdivision of the United States, Canada, or Mexico.
Location Type Code	Identifies the type of code or identifier that is being excluded.
NAICS Code	The code that represents a subdivision of an industry that accommodates user needs in the United States.
Pollutant Code	The code for the pollutant which is controlled by the control measure.
Port Identifiers	The code that identifies a shapefile of type port.
Railway Segment Identifiers	The code that identifies a shapefile of type railway segment.

Pollutant codes-example

See what is retired and what is not

Pollutant Codes

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

Show 25 entries

Status: Active

Pollutant Code	Description	Type	Pollutant Category Name	Last Inventory Year
VOC	Volatile Organic Compounds	CAP	Volatile Organic Compounds	
SO2	Sulfur Dioxide	CAP	Sulfur Dioxide	
SF6	Sulfur Hexafluoride	GHG	Sulfur Hexafluoride	
PM25-PRI	PM2.5 Primary (Filt + Cond)	CAP	PM2.5 Primary (Filt + Cond)	
PM25-FIL	PM2.5 Filterable	CAP	PM2.5 Filterable	
PM10-PRI	PM10 Primary (Filt + Cond)	CAP	PM10 Primary (Filt + Cond)	
PM10-FIL	PM10 Filterable	CAP	PM10 Filterable	
PM-CON	PM Condensible	CAP	PM Condensible	
PFC	Perfluorocarbons	GHG	Perfluorocarbons	
NOX	Nitrogen Oxides	CAP	Nitrogen Oxides	
NH3	Ammonia	CAP	Ammonia	
N2O	Nitrous Oxide	GHG	Nitrous Oxide	
HFC	Hydrofluorocarbons	GHG	Hydrofluorocarbons	
CO2	Carbon Dioxide	GHG	Carbon Dioxide	
CO	Carbon Monoxide	CAP	Carbon Monoxide	
CH4	Methane	GHG	Methane	
98953	Nitrobenzene	HAP	Nitrobenzene	

Emissions QA Values – Warning Check # 474

EIS Gateway
Ron Ryan: EIS, Content Manager Role, Inventory Developer Role, Authenticated Role

VIEW/ADD/EDIT

- » Facility Inventory and Point Emissions
- » Potential Duplicate Facilities
- » Merge Processes
- » Nonpoint/ Onroad/ Nonroad Emissions
- » Event Emissions
- » NCD Activity Data
- » CDB Activity Data
- » Inventory Selection
- » Schedule Augmentation
- » Data Tagging

REPORTS

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

REFERENCE DATA

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

Emissions QA Values

Name: Emissions QA Values
Description: Identifies potential outlier emissions data by Pollutant-SCC

Show 25 entries

Pollutant Code	Pollutant Description	Source Classification Code	QA Threshold (Tons)	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Standard Unit of Measure
100414	Ethyl Benzene	10200401	0.4572	External Combustion Boilers	Industrial	Residual Oil	Grade 6 oil	LB
100414	Ethyl Benzene	10200402	0.0043272	External Combustion Boilers	Industrial	Residual Oil	10-100 Million BTU/hr	LB
100414	Ethyl Benzene	10200403	0.0000085	External Combustion Boilers	Industrial	Residual Oil	< 10 Million BTU/hr	LB
100414	Ethyl Benzene	10200404	0.0101582	External Combustion Boilers	Industrial	Residual Oil	Grade 5 Oil	LB
100414	Ethyl Benzene	10200405	0.00000225	External Combustion Boilers	Industrial	Residual Oil	Cogeneration	LB
100414	Ethyl Benzene	2102004000	0.0180066	Stationary Source Fuel Combustion	Industrial	Distillate Oil	Total: Boilers and IC Engines	LB
100414	Ethyl Benzene	30102004	0.2217197	Industrial Processes	Chemical Manufacturing	Printing Ink Manufacture	Vehicle Cooking: Alkyls	LB

Showing 1 to 7 of 7 entries (filtered from 130005 total entries)
Download Results: [CSV](#)

First Previous 1 Next Last

https://eis.epa.gov/eis-system-web/scc/detail.html?codeMetadataId=73&code=10200402



Web Resources

- One pagers
 - How to gain access to the Gateway
 - How to change your password
 - How to submit data using the Web Client

<http://www.epa.gov/ttn/chief/eis/index.html>

- 2017 –specific information

<http://www.epa.gov/ttn/chief/net/2017inventory.html>

- 2017 NEI/EIS Implementation Plan

<https://www.epa.gov/air-emissions-inventories/2017-national-emissions-inventory-nei-documentation>

Air Emissions Inventories

Air Emissions Inventory
Home

National Emissions
Inventory (NEI)

2017 NEI Documentation

2014 NEI Data

2014 NEI Documentation

2011 NEI Data

2011 NEI Documentation

2008 NEI Data

2008 NEI Documentation

Air Pollutants Emissions
Trends Data

Pollutant Emissions
Summary Files

2017 National Emissions Inventory (NEI) Documentation

The NEI database includes air emissions sources of both criteria of both criteria and hazardous air pollutants. Data are available for many facilities and as county totals. The 2017 NEI is the next inventory on the three-year cycle and the EPA will create it using data provided by State, Local and Tribal air agencies. The [Emissions Inventory System](#) (EIS) helps the EPA to build the NEI.

2017 NEI Plan

- [2017 NEI Plan](#)
- [Appendix 1 - Suggested SLT Timeline and QA Checks](#) (2 pp, 29 K)
- [Appendix 2 - 2017 NEI Plan Code Changes](#) (1 pg, 107 K)
- [Appendix 3 - Draft Schedule for Potential Point SCC Revisions](#) (1 pg, 32 K)
- [Appendix 4 - 2017 Nonpoint Proposed OptionGroup-OptionSet](#) (1 pg, 66 K)

Contacts

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Help us Improve!



You will receive an email with a link to a survey to review the course(s) you attend at the Emissions Inventory Training Workshop.

Please take a few moments to let us know about your experience this week.

We welcome your feedback!

