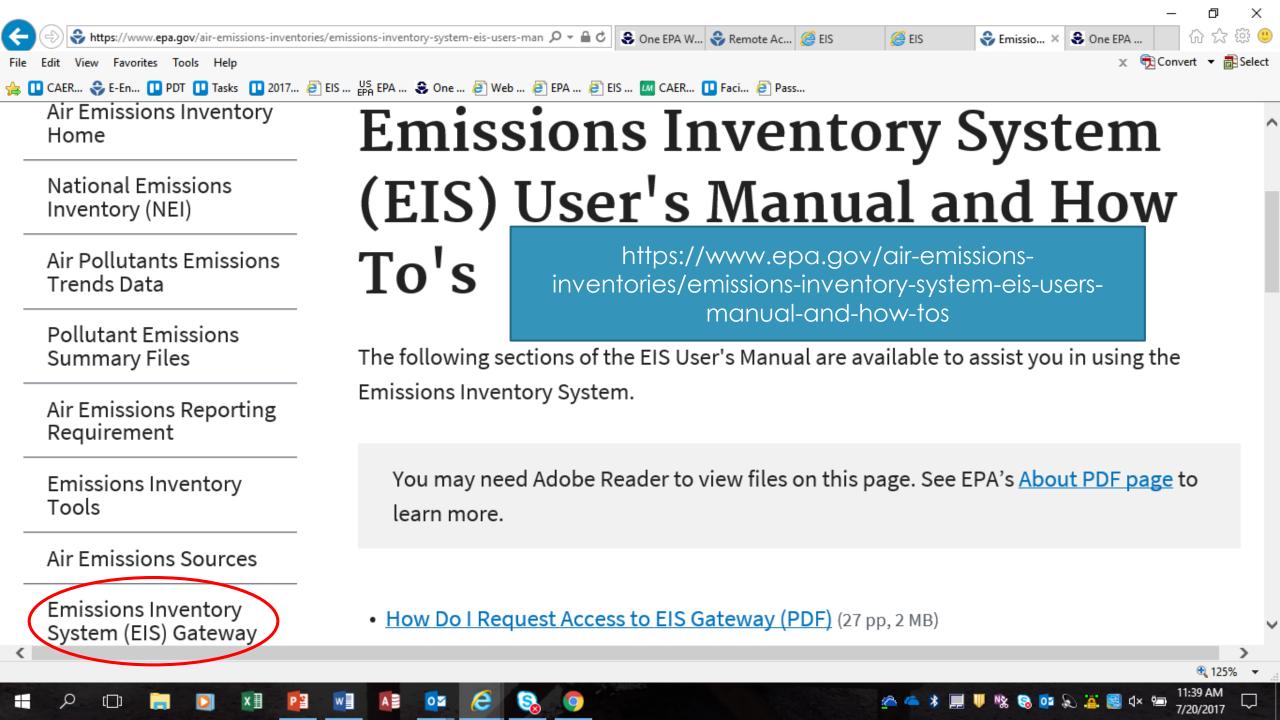
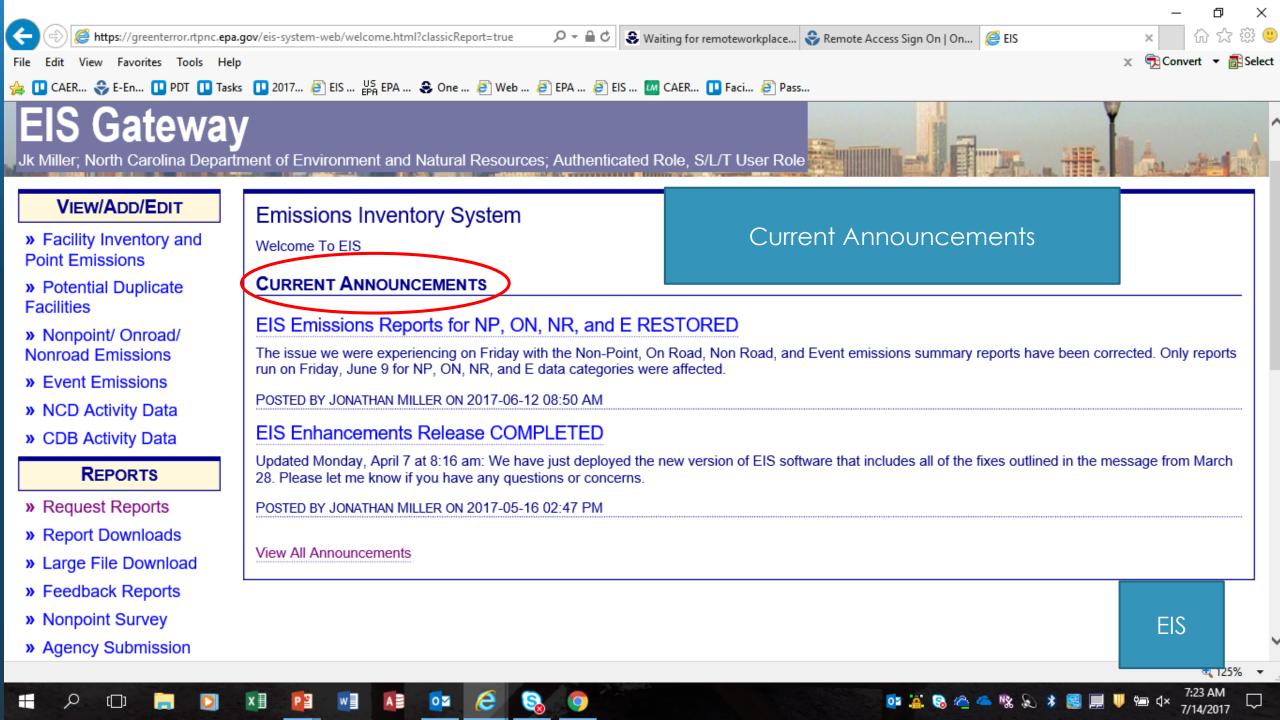


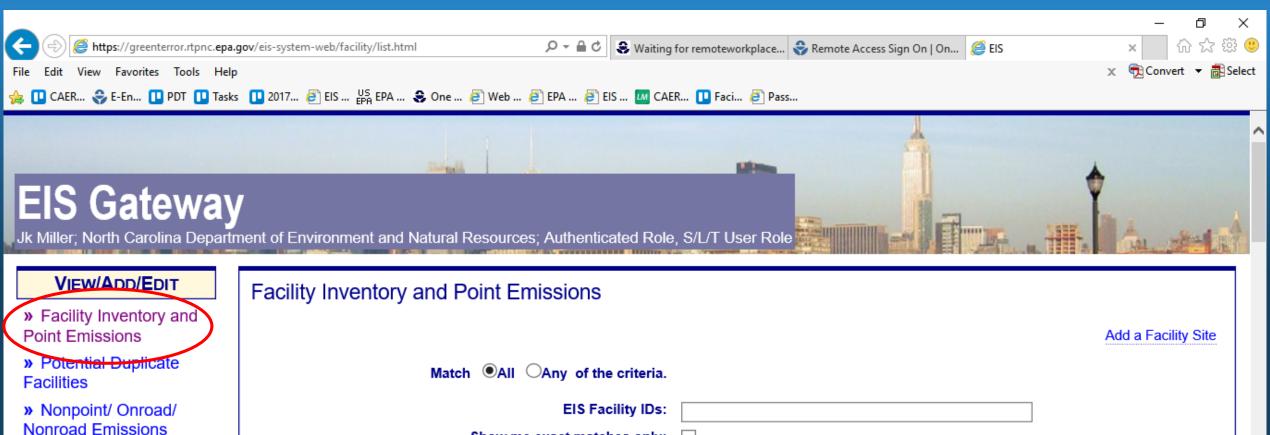
# The Emission Inventory System (EIS)







# Facility Inventory and Point Emissions



## Nonroad Emissions

- » Event Emissions
- » NCD Activity Data
- » CDB Activity Data

#### **REPORTS**

- » Request Reports
- » Report Downloads
- » Large File Download

**	haal	an	arta

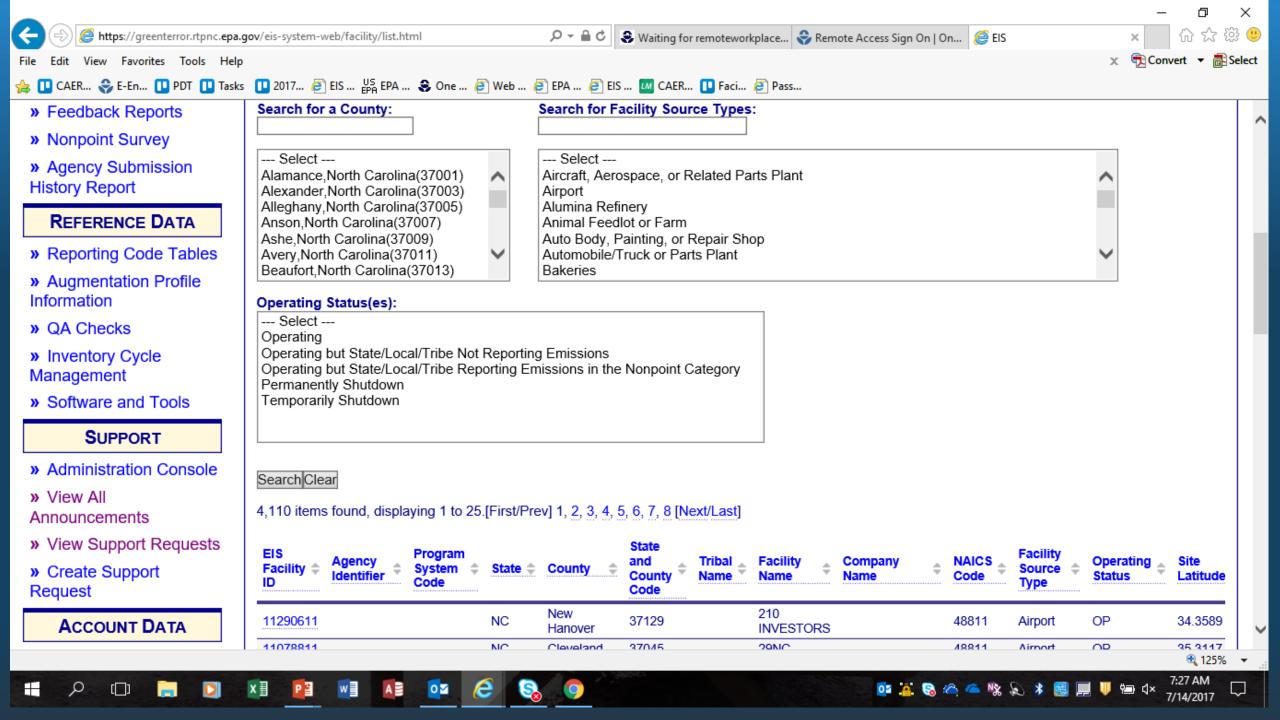
Match ●All ○Any of the criteria.	
EIS Facility IDs:	
Show me exact matches only:	
Agency IDs (displayed IDs, alternative IDs):	
Show me exact matches only:	
Name (facility name, company name, alternate name):	
Show me exact matches only:	
NAICS Code:	
Show me exact matches only:	

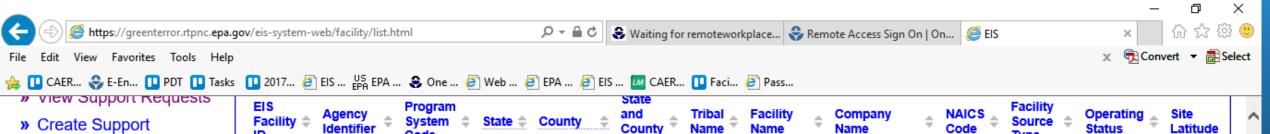




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### Request ACCOUNT DATA

- » My Account
- » My Agency
- » Logout

Т	EIS	2				State		E Pass			Facility		
	Facility \$	Agency Identifier	Program System \$ Code	State \$	County \$	and County Code	Tribal Name	Facility Name	Company Name	NAICS Code	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	NCDAQ	NC	Iredell	37097		3A Composites USA, Inc.	Nevamar Company	322220		OP	35.8083(
	17040511	<del>37 195</del> 00226	NCDAQ	NC	Wilson	37195		3C Store Fixtures, Inc.	3C Store Fixtrures, Inc.	33711		ONRE	35.73978
(	8122211	3703700104	NCDAQ	NC	Chatham	37037		3M Pittsboro - Industrial Mineral Products	3M Company	327992	Mineral Processing Plant	OP	35.6609(
	13441311	3705700273	NCDAQ	NC	Davidson	37057		A. M. Haire Body Company	A. M. Haire Manufacturing & Service Corporation	336211		ONRE	35.8919
	15054911	3715700167	NCDAQ	NC	Rockingham	37157		A.C. Furniture Company, Inc.	A.C. Furniture Company, Inc.	337127		OP	36.51038
	7787111	3700100201	NCDAQ	NC	Alamance	37001		A.O. Smith Corporation	Na	335312		PS	36.08499
	8150211	3716100178	NCDAQ	NC	Rutherford	37161		Aallied Die Casting Co Of Nc	Na	331523		ONRE	35.3555
	17031211	3719100265	NCDAQ	NC	Wayne	37191		AAR Corporation- Goldsboro	AAR Corporation- Goldsboro	332439		ONRE	35.36866







































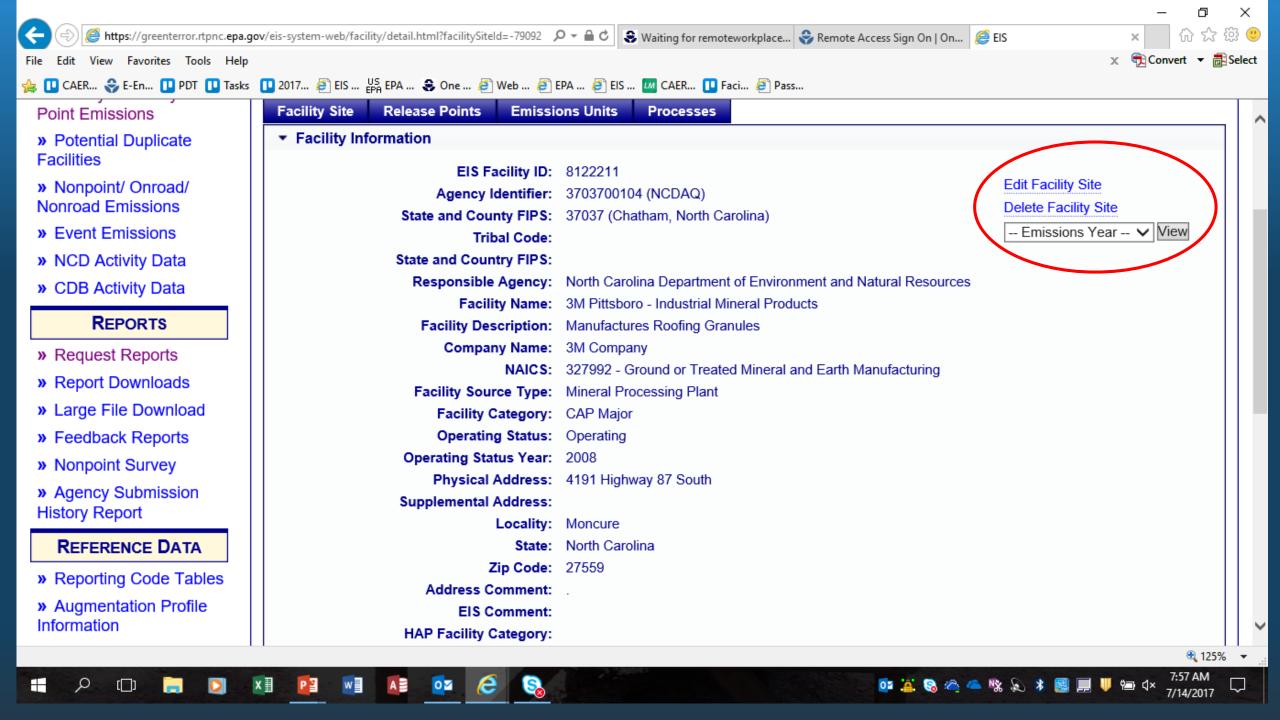




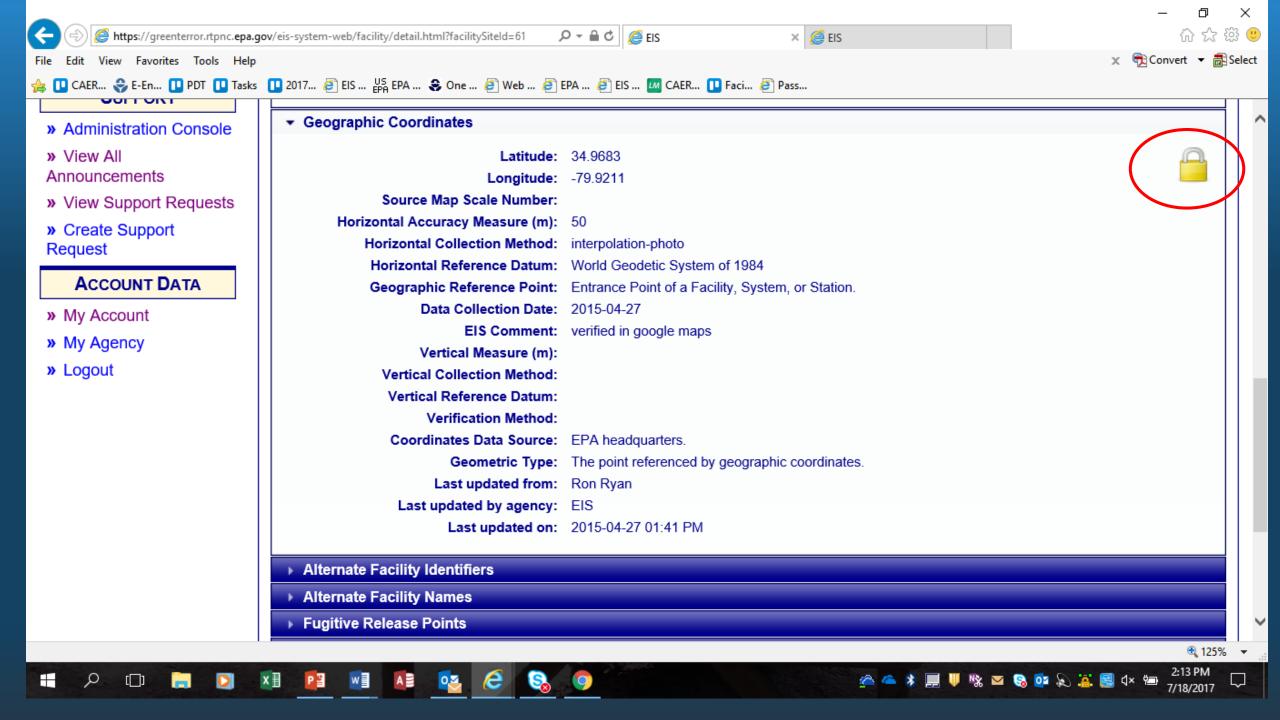


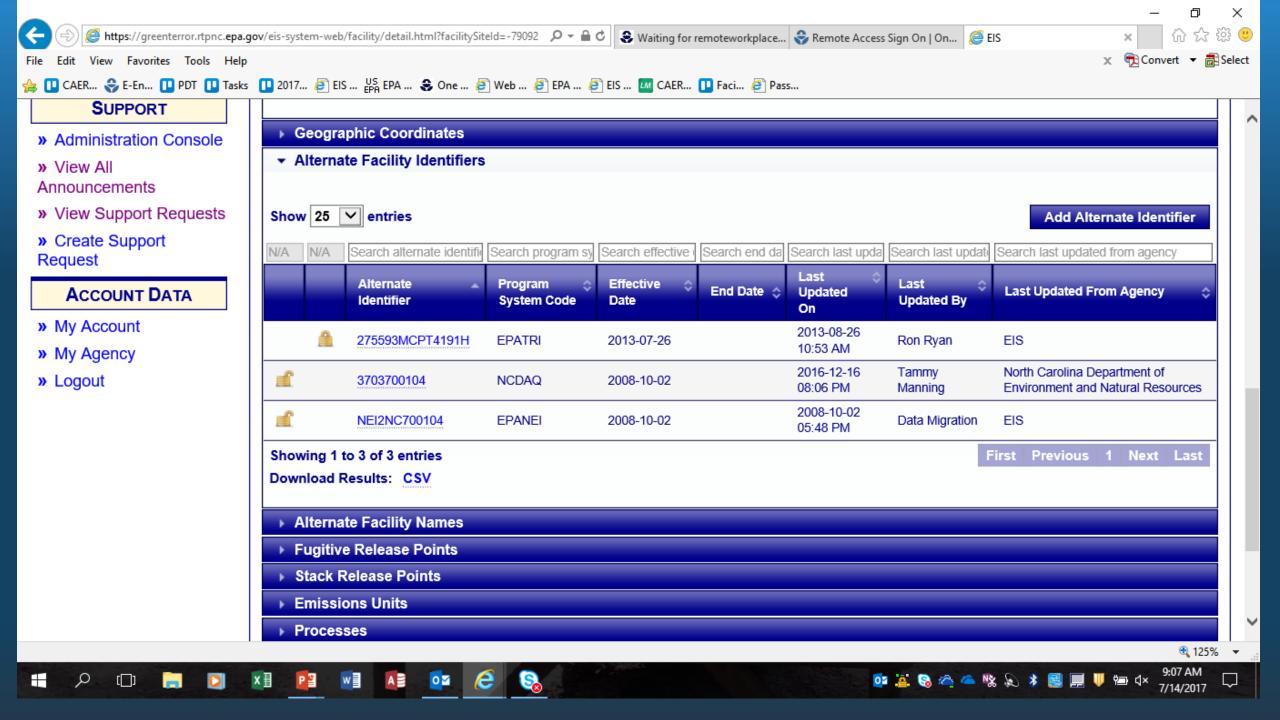


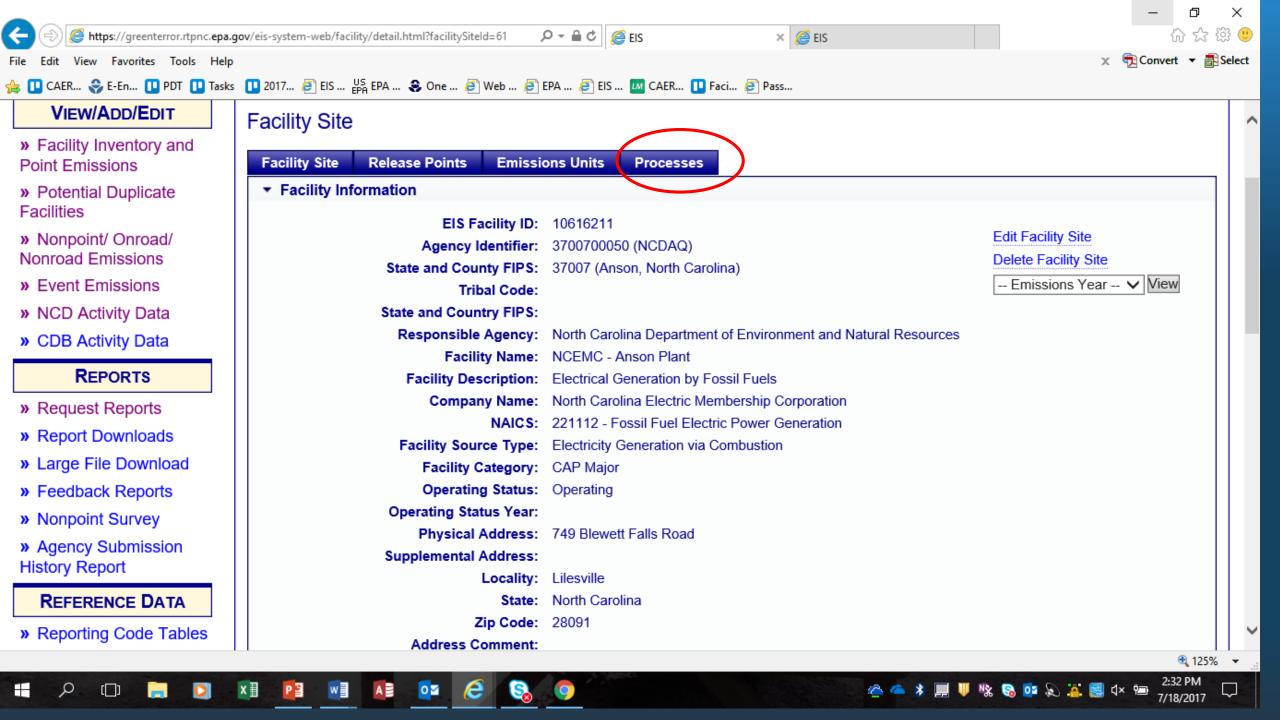


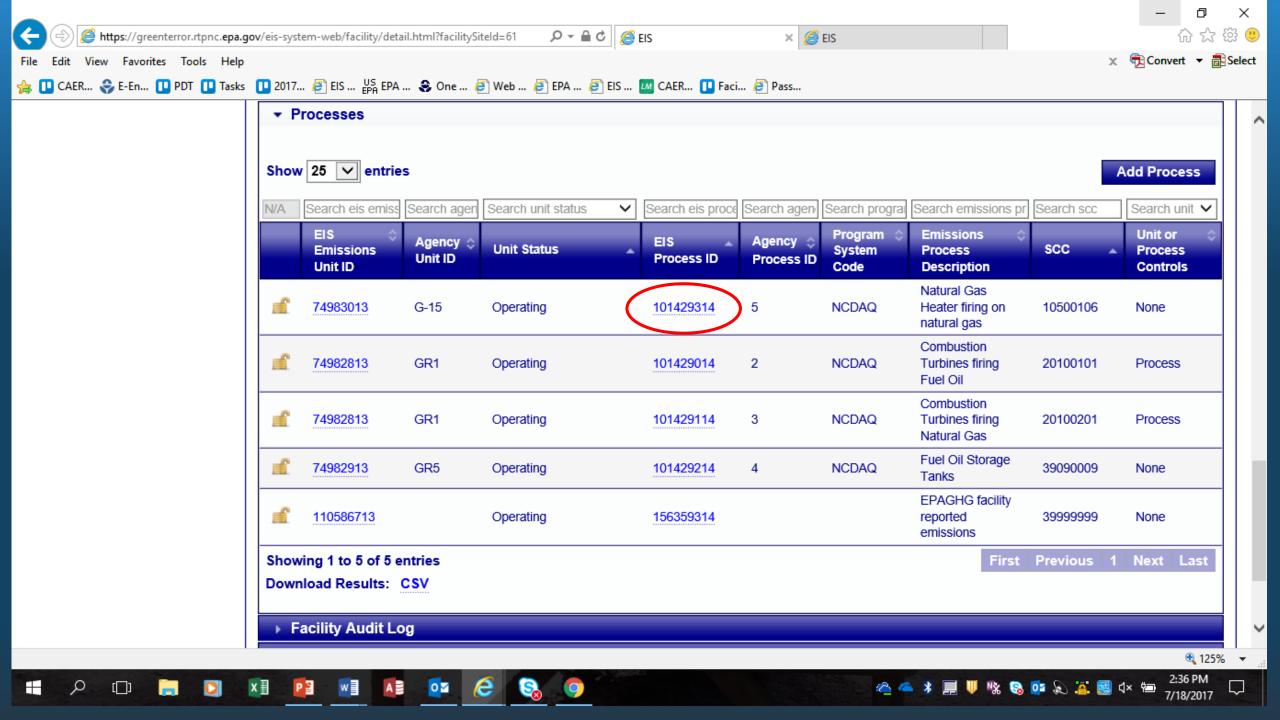


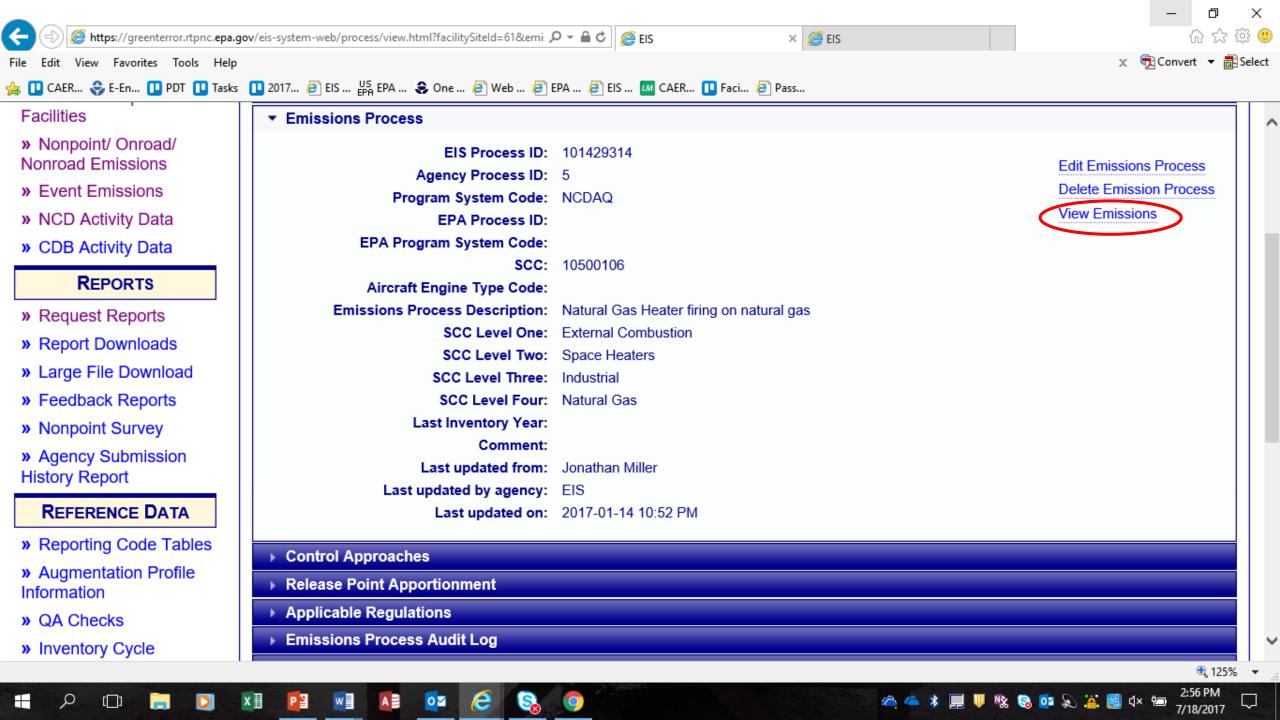


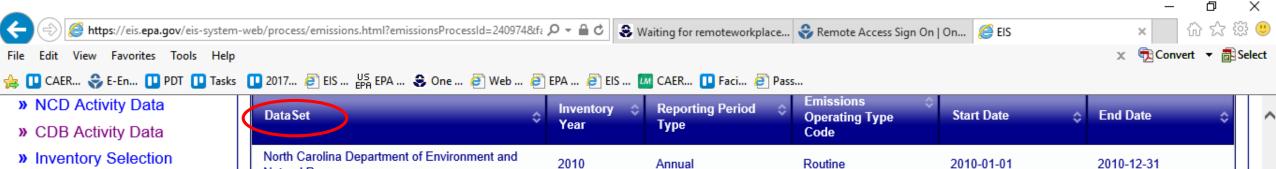












<b>»</b>	Data	Tagging

» Schedule Augmentation

**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

Data Set \$	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

7/21/2017





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

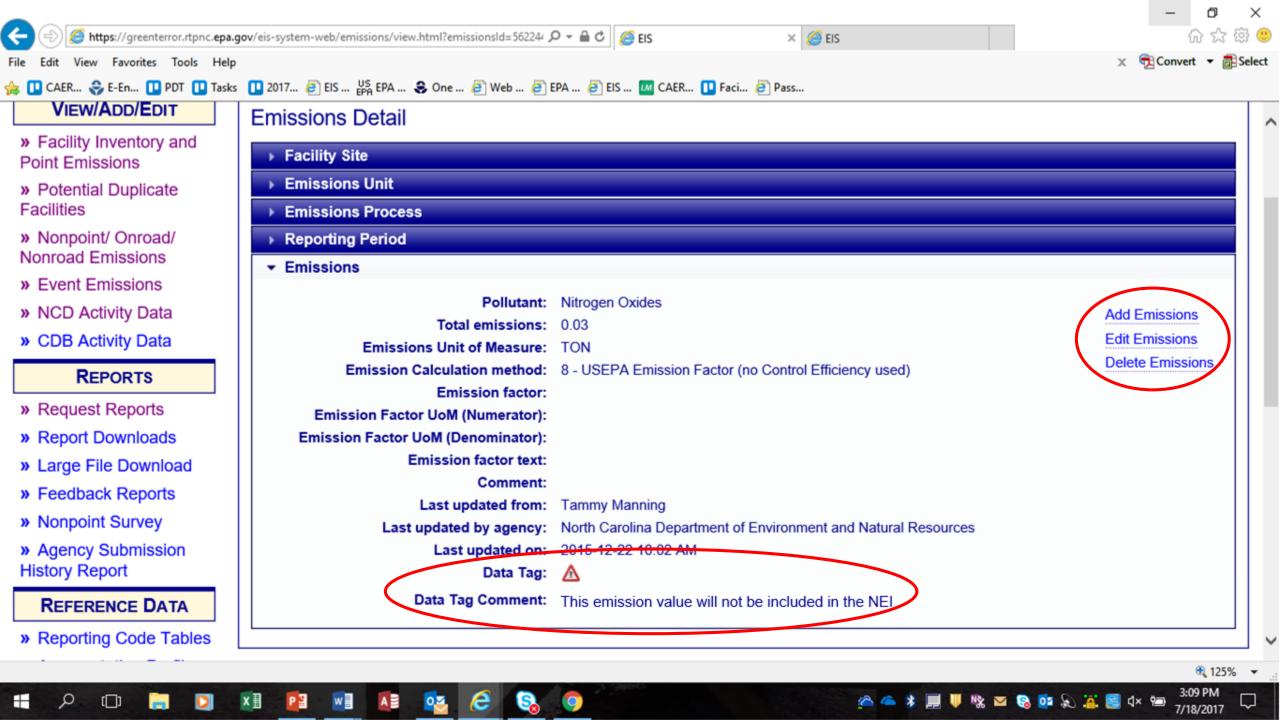
#### REPORTS

- » 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

Facility Site			
Emissions Unit			
Emissions Process			
Reporting Period			
Emissions			
Pollutant:	Select	<b>v</b>	
Total Emissions:			
Emissions Unit Of Measure:	Select	•	
Emission Calculation Method:	Select		
Emission Factor:			
Emission Factor UOM (numerator):	Select	•	
Emission Factor UOM (denominator):	Select	•	
<b>Emission Factor Text:</b>			
Comment:			
Data Tag:			
Data Tag Comment:			



## EIS Gateway

#### VIEW/ADD/EDIT

Facility Inventory and Point missions

Potential Duplicate Facilities

Nonpoint/ Onroad/ Nonroad missions

**Event Emissions** 

NCD Activity Data

CDB Activity Data

#### REPORTS

Request Reports

Report Downloads

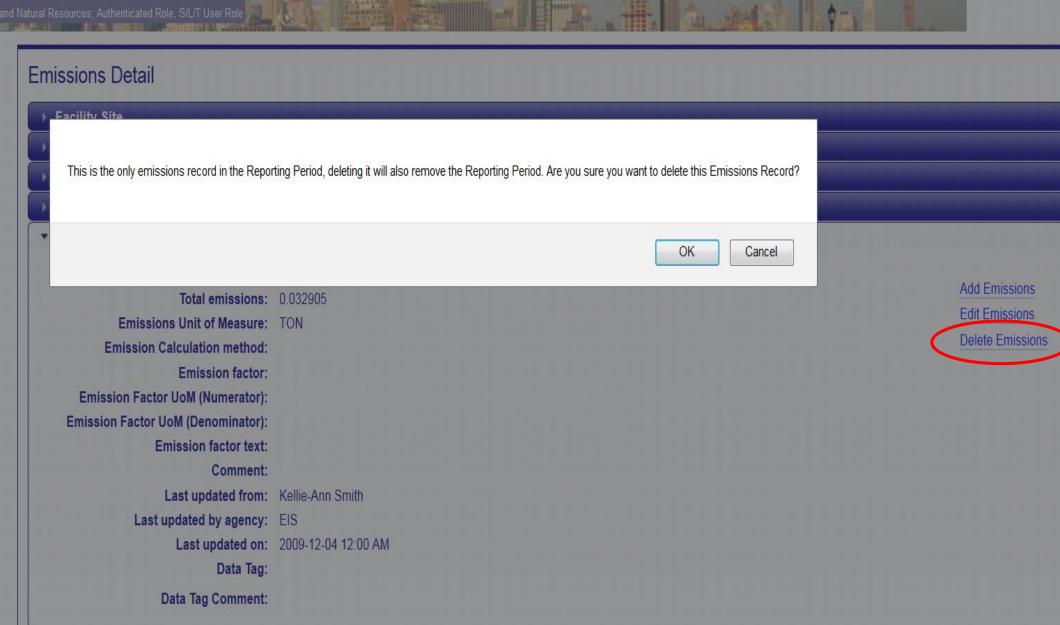
Large File Download

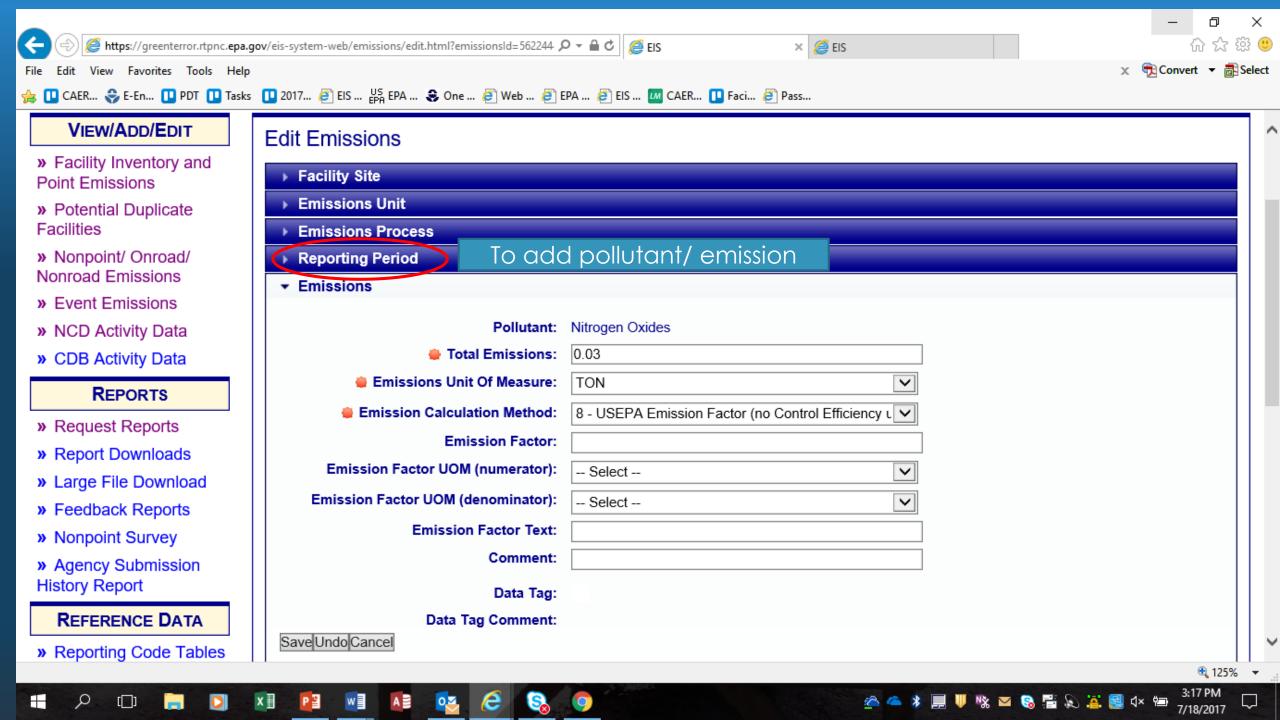
Feedback Reports

Nonpoint Survey

Agency Submission History

REFERENCE DATA





Facility Inventory and Point nissions

Potential Duplicate Facilities

Merge Processes

Nonpoint/ Onroad/ Nonroad nissions

**Event Emissions** 

NCD Activity Data

CDB Activity Data

Inventory Selection

Data Tagging

#### **R**EPORTS

Request Reports

Report Downloads

Large File Download

Feedback Reports

Agency Submission History eport

#### REFERENCE DATA

Reporting Code Tables

Augmentation Profile formation

QA Checks

View Dataset Identifiers

#### **Edit Emissions**

Save Undo Cancel

► Facility Site			
► Emissions Unit			
► Emissions Process			
▼ Reporting Period			
Report	ting Period Type:	Annual	
	ating Type Code:		
	Inventory Year:	2008	
Re	eporting Agency:	EIS	
	DataSet:	EPA2	
	Start Date:	2008-01-01	
	End Date:	2008-12-31	
▼ Emissions			
	Pollutant:	PM Condensible	
•	Total Emissions:	4.0	
Emissions	Unit Of Measure:	KG ▼	
Emission Cal	culation Method:	10 - Site-Specific Emission Factor (no Control Efficie ▼	
1	Emission Factor:		
Emission Factor U	OM (numerator):	Select ▼	
Emission Factor UOI	M (denominator):	Select ▼	
Emis	sion Factor Text:		
	Comment:		
	Data Tag:		
Dat	ta Tan Comment:		

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

#### **R**EPORTS

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

#### REFERENCE DATA

» Reporting Code Tables

#### Reporting Period View

- **▶** Facility Site
- **▶** Emissions Unit
- **▶** Emissions Process
- ▼ Reporting Period

Reporting Period Type: Annual

Emissions Operating Type Code: Upset

Inventory Year: 2008

Reporting Agency: EIS

DataSet: EPA1

**Start Date**: 2008-01-01

End Date: 2008-12-31

Material Code: Waste Oil

Calculation Parameter Type: Input

**Calculation Parameter Value:** 1.0

Calculation Parameter UOM: TONS

Calculation Data Year: 1940

Calculation Data Source: Fastlane

Comment: EPA1 submits to Lancaster

Last updated from: Kellie-Ann Smith

Last updated by agency: EIS

Last updated on: 2017-02-17 12:00 AM

#### **Operating Details**

**Reporting Period Supplemental Calculation Parameters** 

Add Emissions
Delete Reporting Period

## IS Gateway

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

#### VIEW/ADD/EDIT

Facility Inventory and Point nissions

Potential Duplicate Facilities

Nonpoint/ Onroad/ Nonroad

**Event Emissions** 

NCD Activity Data

CDB Activity Data

#### REPORTS

Request Reports

Report Downloads

Large File Download

Feedback Reports

Nonpoint Survey

Agency Submission History

#### REFERENCE DATA

Reporting Code Tables

Augmentation Profile

#### Reporting Period View



inventory rear. 2000

Reporting Agency: North Carolina Department of Environment and Natural Resources

Data Set: North Carolina Department of Environment and Natural Resources

Start Date: 2002-01-01

End Date: 2002-12-31

Material Code:

Calculation Parameter Type:

Calculation Parameter Value:

Calculation Parameter UOM:

Calculation Data Year:

Calculation Data Source:

Comment:

Last updated from: Kellie-Ann Smith

Last updated by agency: EIS

Last updated on: 2017-02-17 12:00 AM



## Potential Duplicate Facilities

- » Facility Inventory and Point Emissions
- » Potential Duplicate Facilities
- » Nonpeint/ Onroad/ Nanroad 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



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

#### **R**EPORTS

- » 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

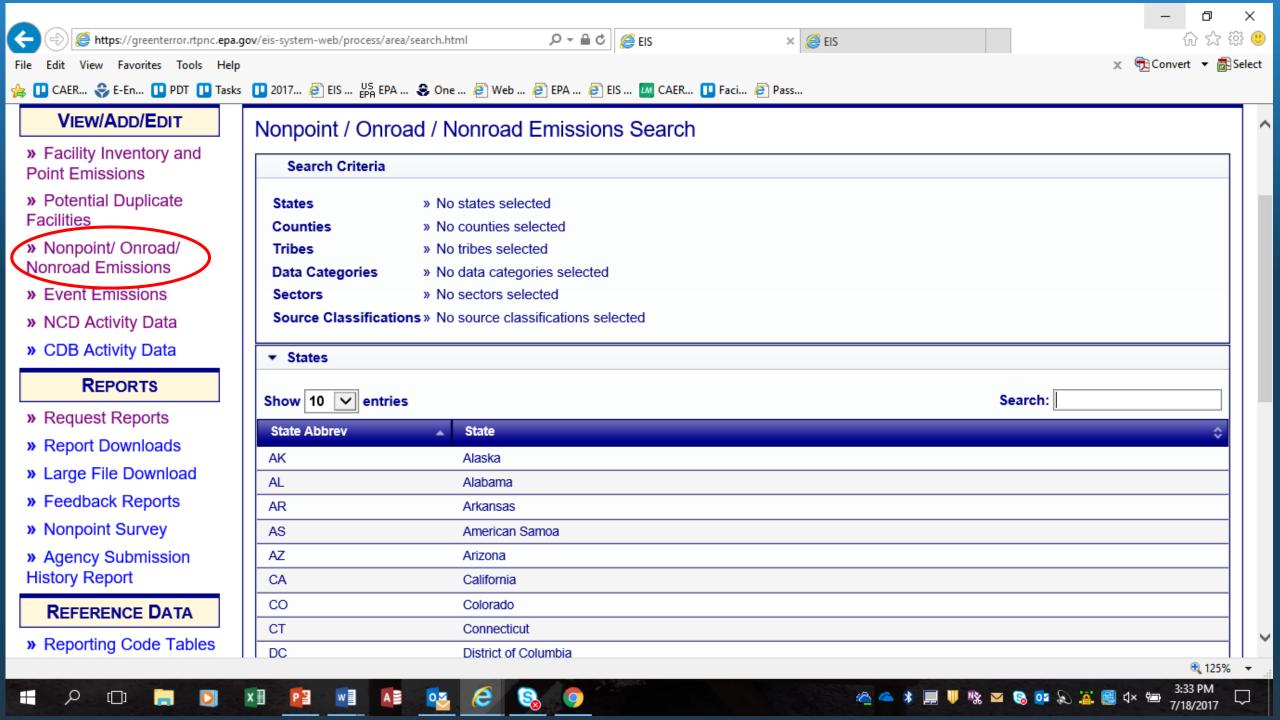
	Your Requested Addition	Existing EIS Facility
EIS Facility ID		110111
Agency Identifier	3702700101 (NCDAQ)	3702700027 (NCDAQ)
State and County FIPS Code	37027 (Caldwell, North Carolina)	37027 (Caldwell, North Carolina)
Tribal Code		
State and Country FIPS		
Facility Name	Thomasville Furniture Industries 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
Tip Code	28645	28645
EIS Comment		
Latitude	35.88299	35.93339
<ul><li>Longitude</li></ul>	-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

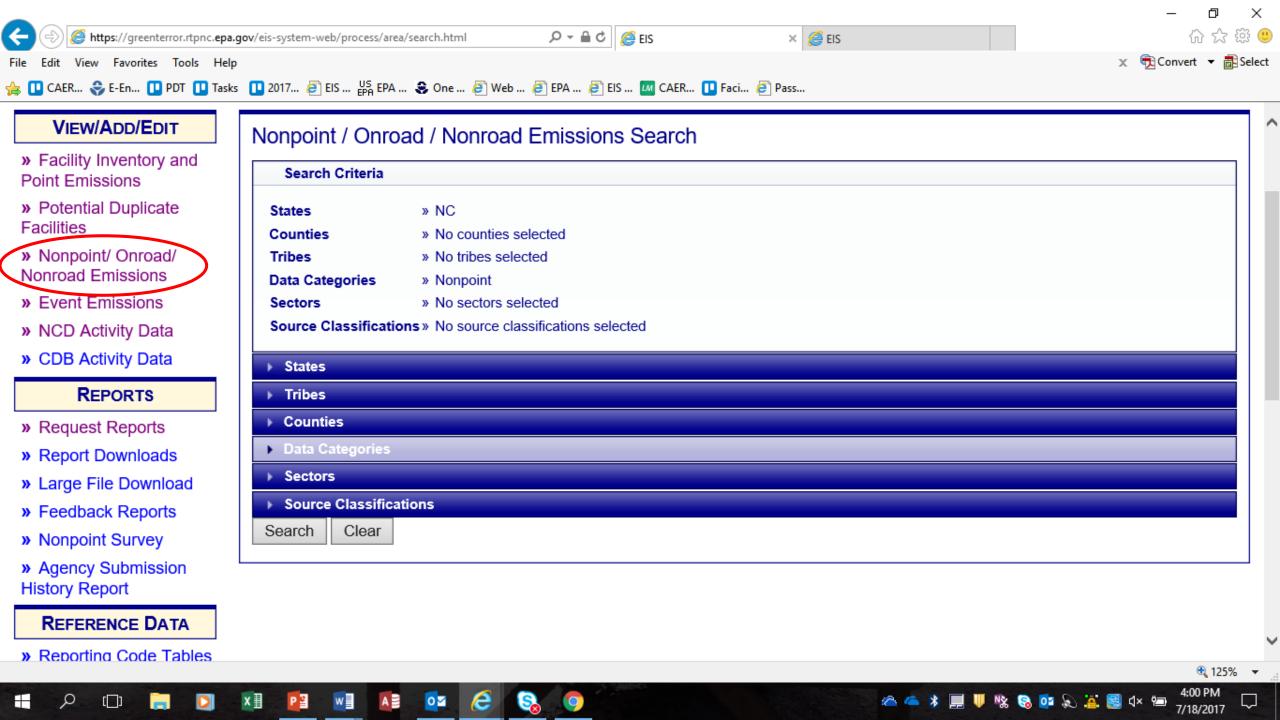
Your Requested Addition

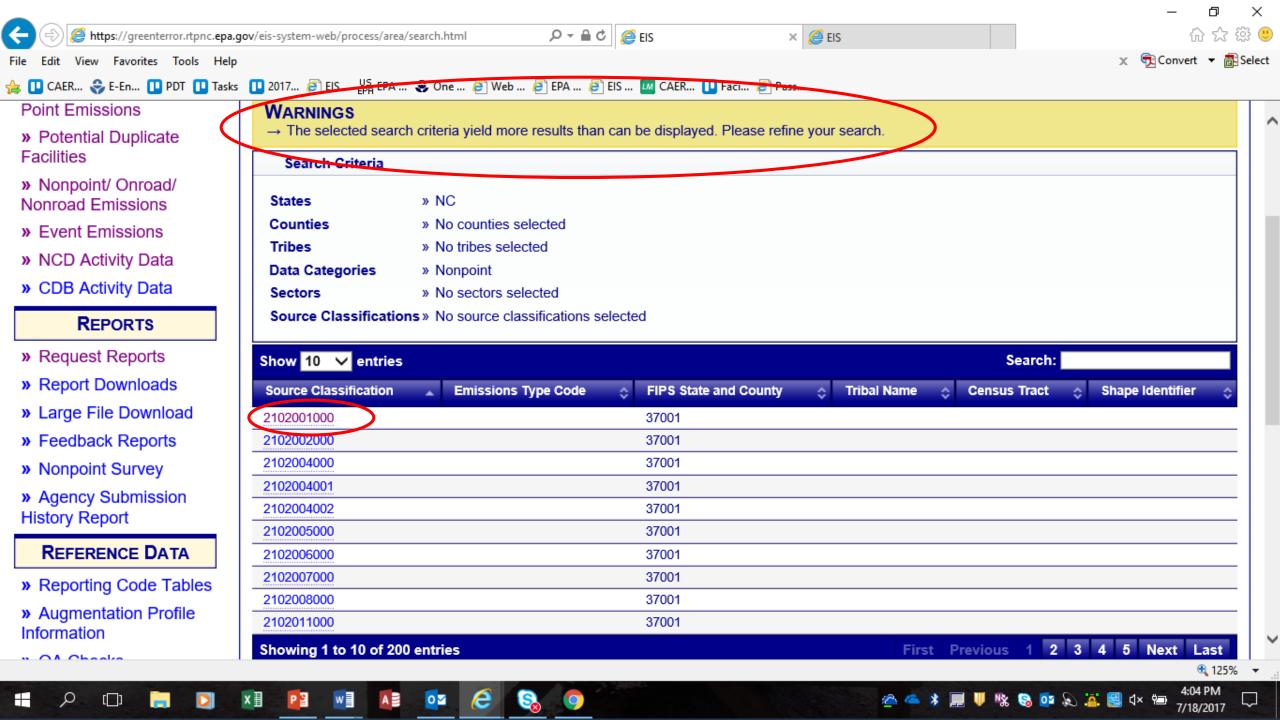
Existing FIS Facility

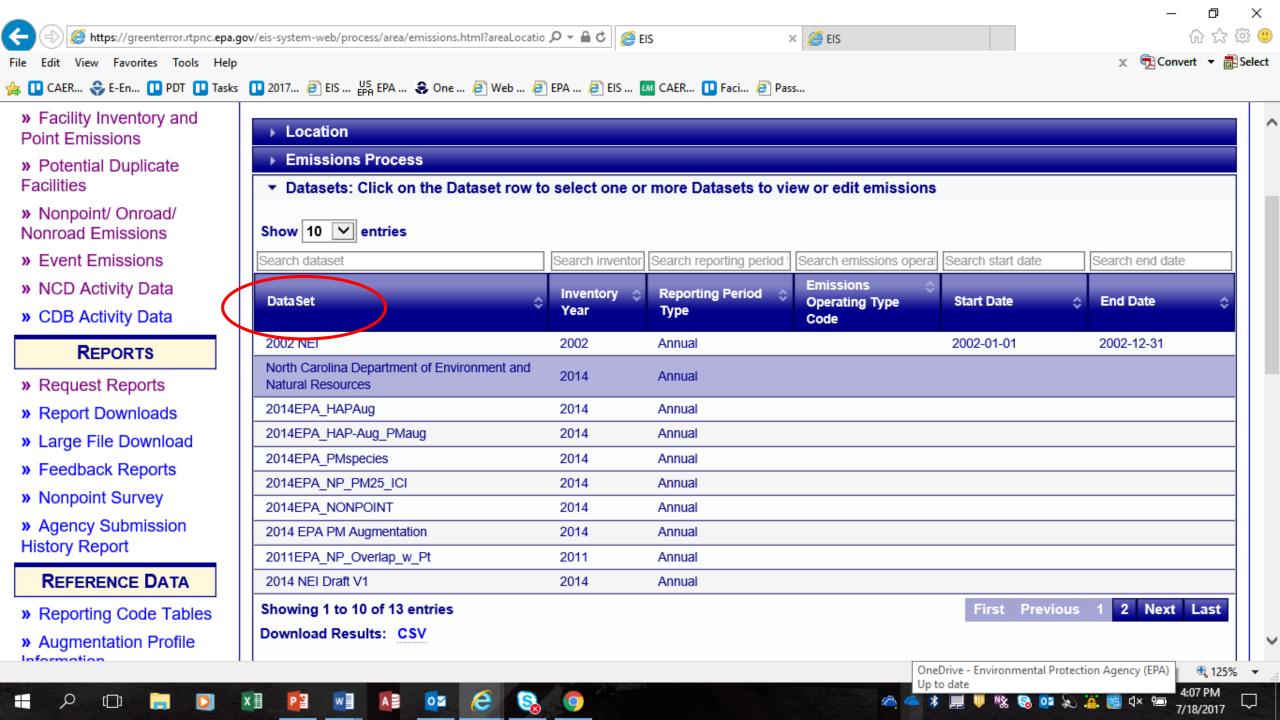


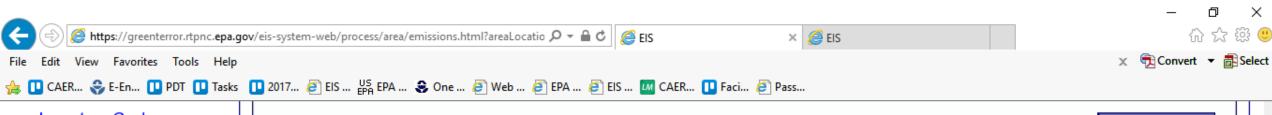
# Nonpoint/Onroad/Nonroad Emissions











- » 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

			Add Emissions
Pollutant 🔺	Pollutant 💠 Code	Pollutant \$	North Carolina Department of Environment and Natural Resources   2014   \$\partial Data Tag \$\partial Data Data Tag \$\partial Da
CAP	7439921	Lead	OLB OLB
CAP	СО	Carbon Monoxide	<u>OLB</u>
CAP	NOX	Nitrogen Oxides	<u>OLB</u>
CAP	NH3	Ammonia	<u>OLB</u>
CAP	PM10-PRI	PM10 Primary (Filt + Cond)	<u>OLB</u>
CAP	PM10-FIL	PM10 Filterable	<u>OLB</u>
CAP	PM25-PRI	PM2.5 Primary (Filt + Cond)	<u>OLB</u>
CAP	PM25-FIL	PM2.5 Filterable	<u>0 LB</u>
CAP	SO2	Sulfur Dioxide	<u>OLB</u>
CAP	PM-CON	PM Condensible	<u>0 LB</u>
CAP	VOC	Volatile Organic Compounds	<u>0 LB</u>
HAP	91203	Naphthalene	<u>O LB</u>
HAP	85018	Phenanthrene	<u>0 LB</u>
HAP	92524	Biphenyl	<u>O LB</u>
Showing 1 to 1	14 of 14 entries		



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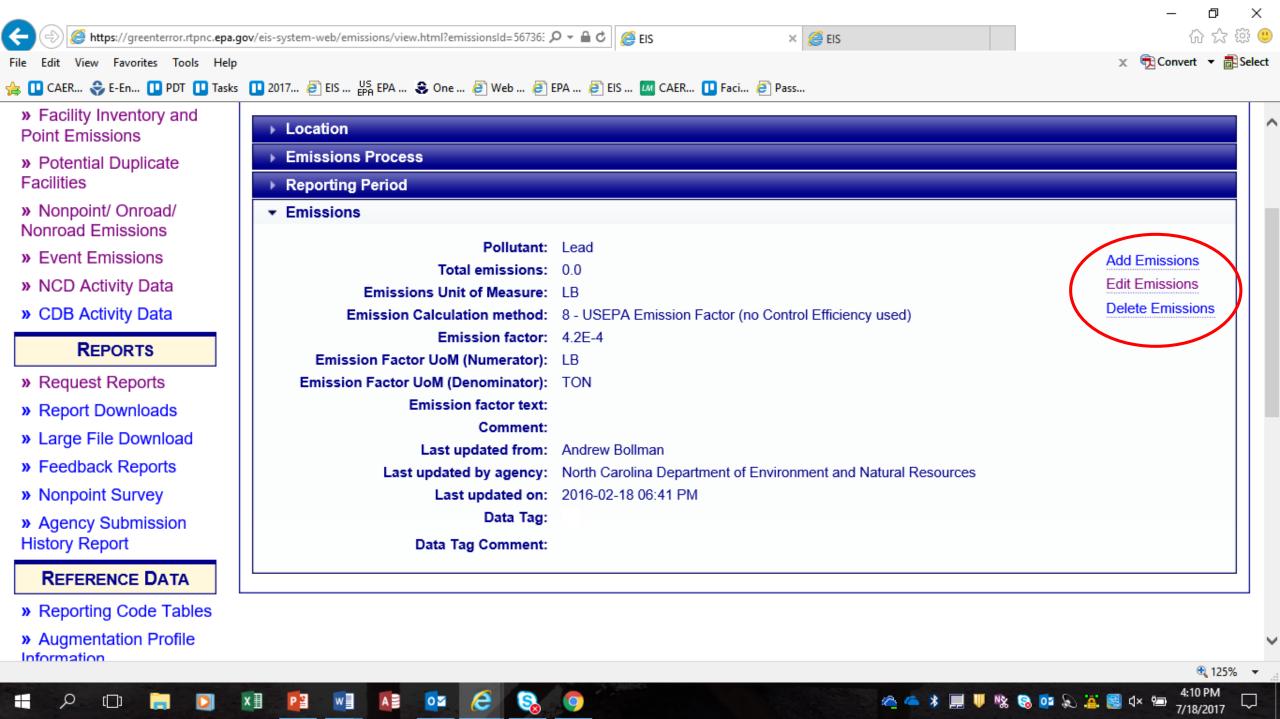






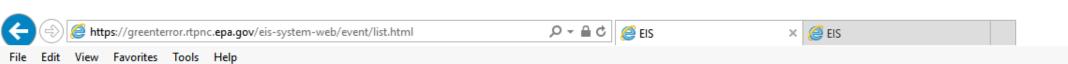




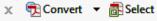




## Event Emissions







- » 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

#### **Event List**

#### Search Criteria

Inventory Year » All inventory years included.

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» All states, tribes and counties included. Geography

Identifier » All identifiers included.

Show	10	~	entries
------	----	---	---------

Identifier	Name \$	Program System 💠 Code	Inventory \$ Year	≎ County Tribe	Reporting Period Begin $\diamondsuit$ Date	Reporting Period End 💠 Date
1002024	FireEvent 1111064	EPAFIRE	2008	37159	2008-12-31	2008-12-31
1002024	FireEvent 1111064	EPAFIRE	2008	37159	2008-12-31	2008-12-31
1002460	FireEvent 1111270	EPAFIRE	2008	37021	2008-12-31	2008-12-31
1002460	FireEvent 1111270	EPAFIRE	2008	37021	2008-12-31	2008-12-31
1002476	FireEvent 1111278	EPAFIRE	2008	37039	2008-12-31	2008-12-31
1002476	FireEvent 1111278	EPAFIRE	2008	37039	2008-12-31	2008-12-31
10424	FireEvent 631656	EPAFIRE	2008	37107	2008-04-18	2008-04-18
10424	FireEvent 631656	EPAFIRE	2008	37107	2008-04-18	2008-04-18
1050852	FireEvent 325861	EPAFIRE	2008	37125	2008-01-27	2008-01-27



































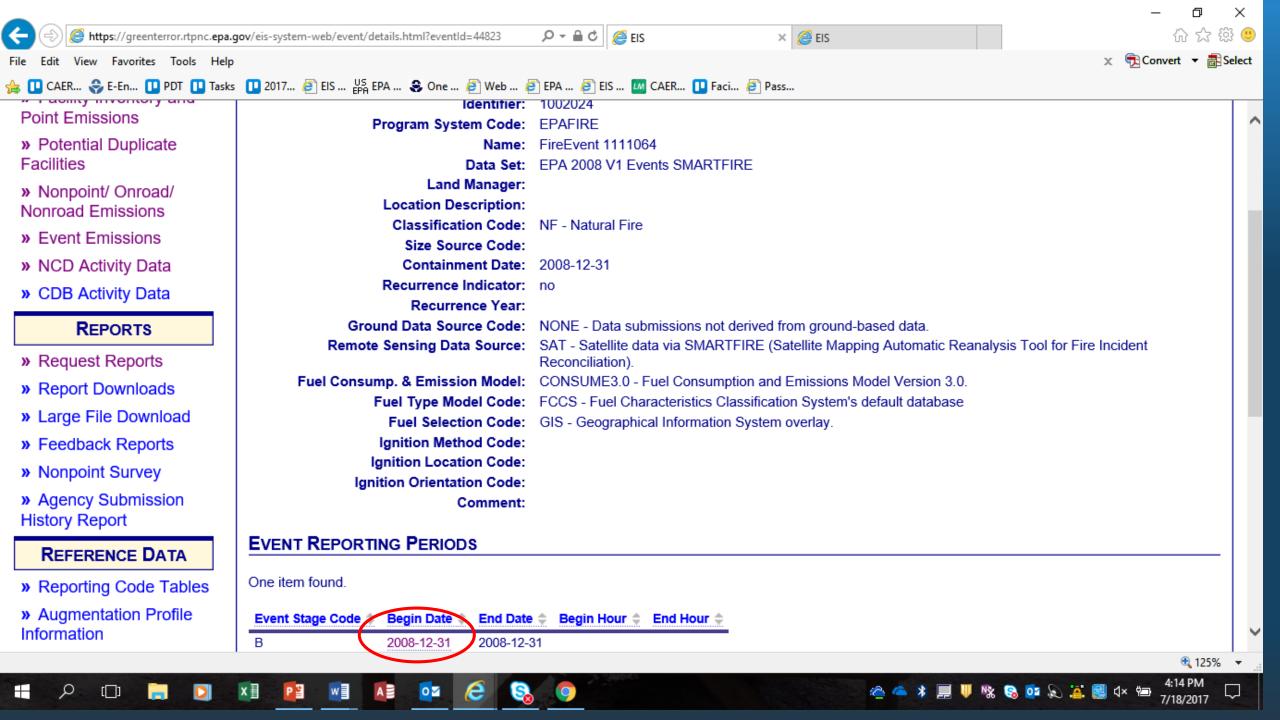


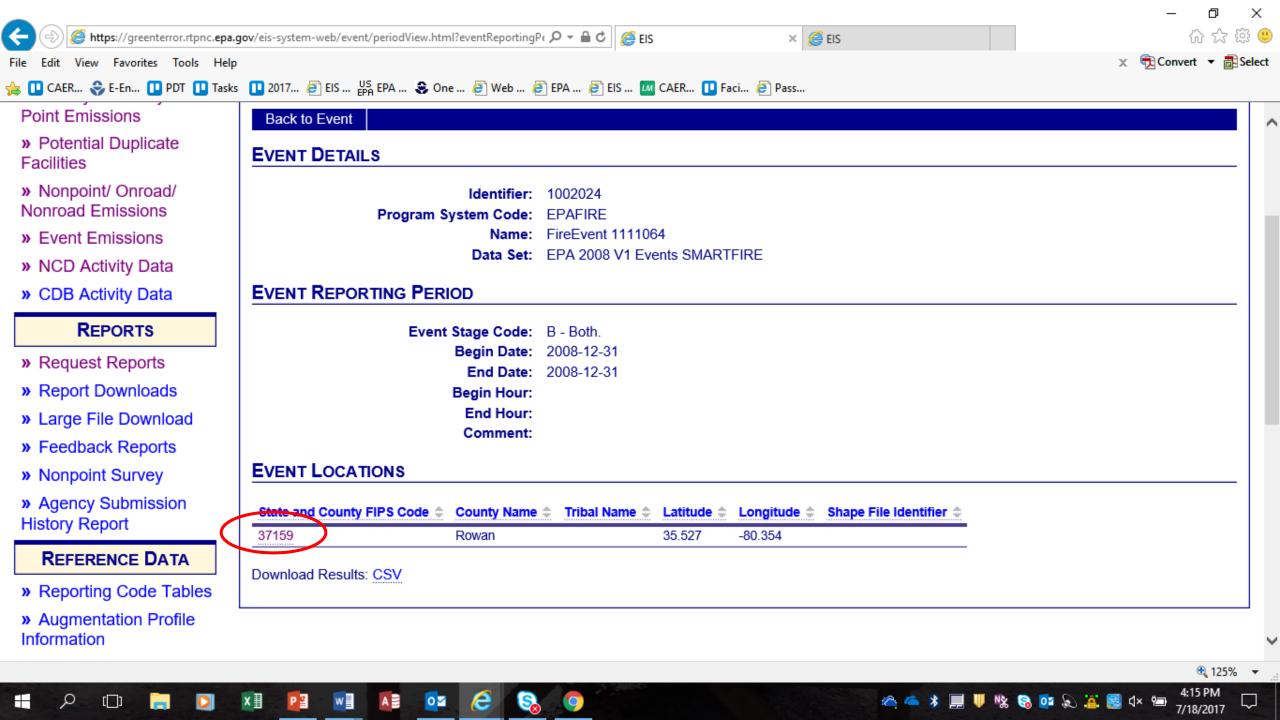


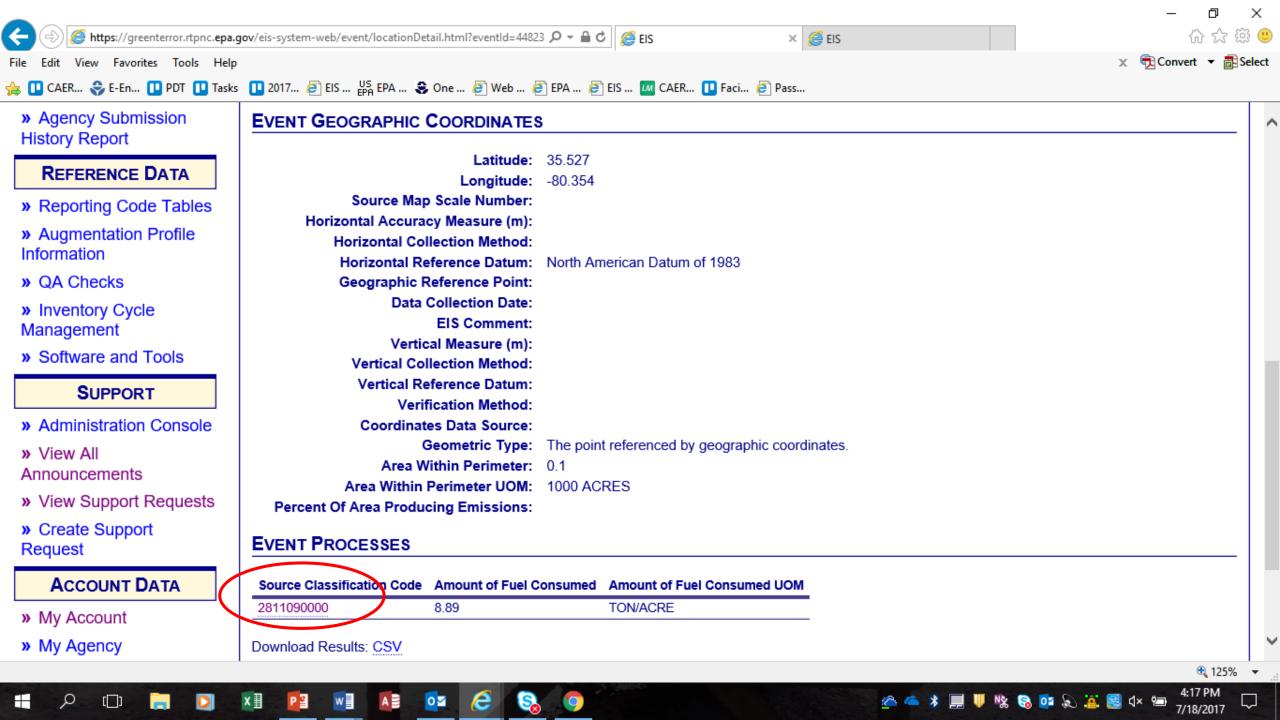


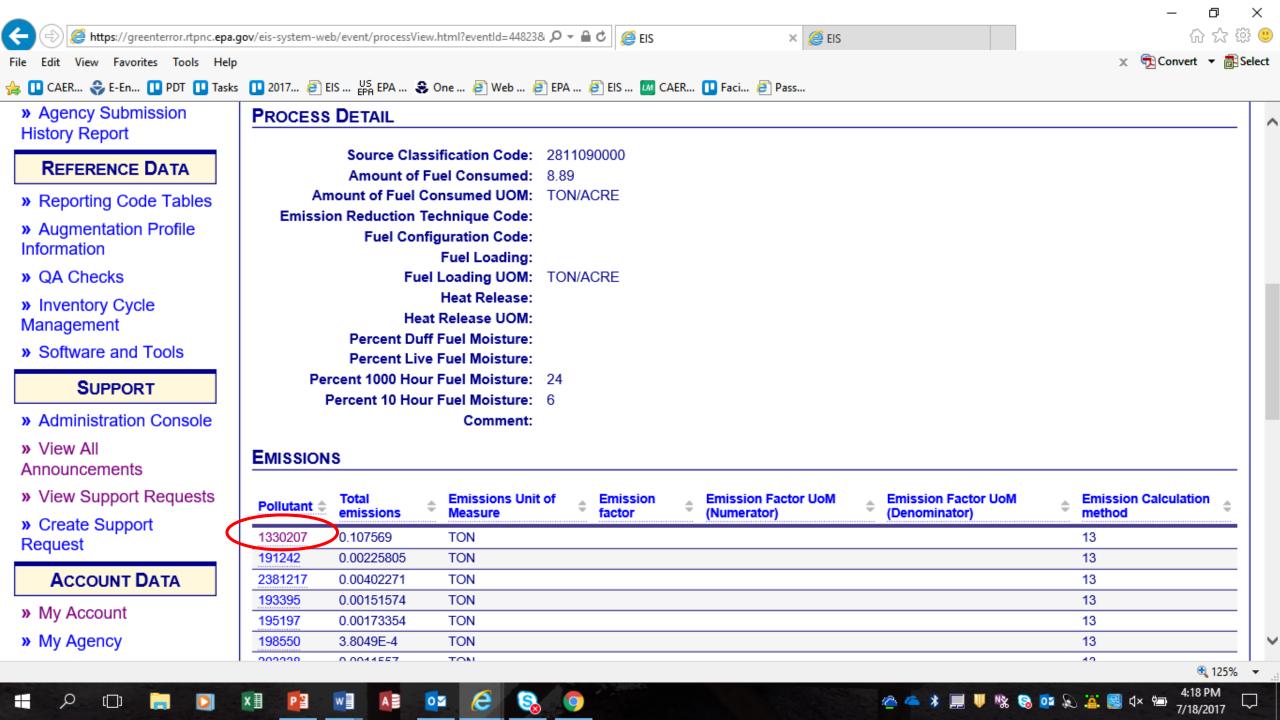




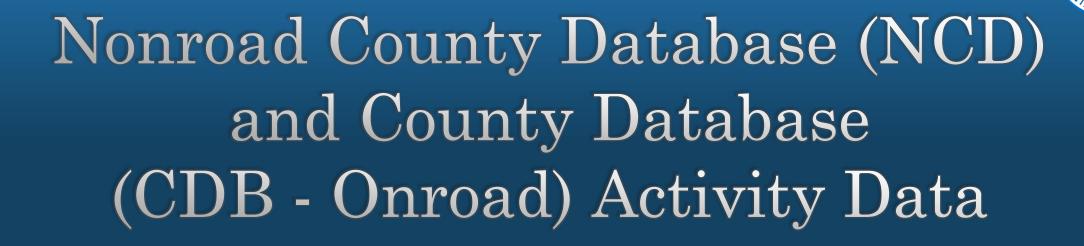


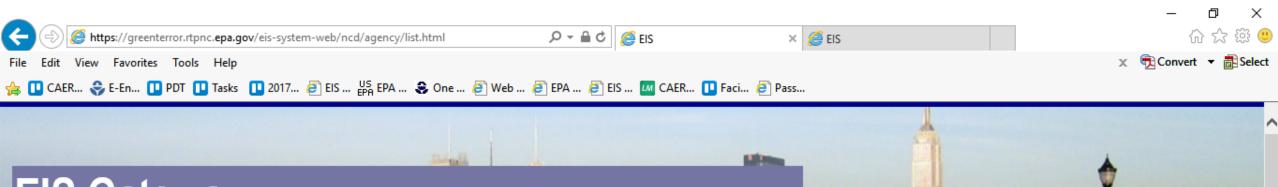












## **EIS Gateway**

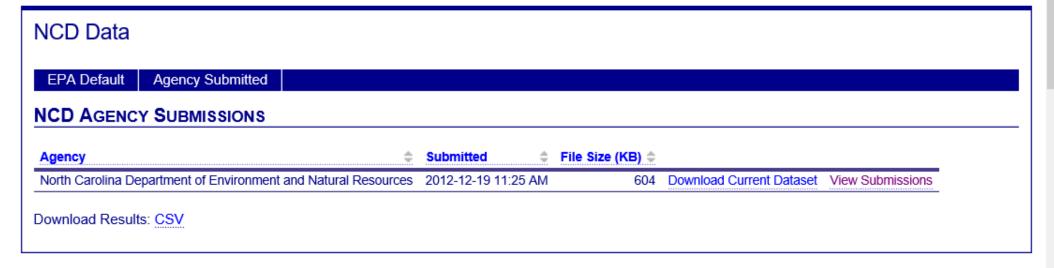
Jk Miller; North Carolina Department of Environment and Natural Resources; Authenticated Role, S/L/T User Role

#### VIEW/ADD/EDIT

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

#### REPORTS

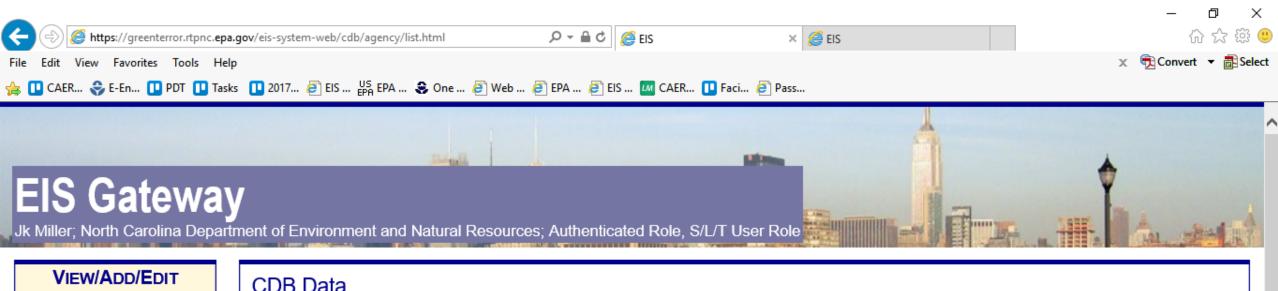
- » Request Reports
- » Report Downloads
- » Large File Download
- v. Foodbook Doporto







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

#### REPORTS

- » Request Reports
- » Report Downloads
- » Large File Download
- v. Foodbook Doporto







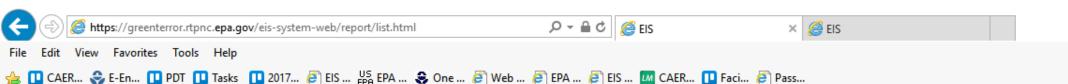
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# Reports



#### 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

#### Request Reports

#### ▼ 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.

Essility Emissions Cummon, Donorts



x nt Convert → a Select





































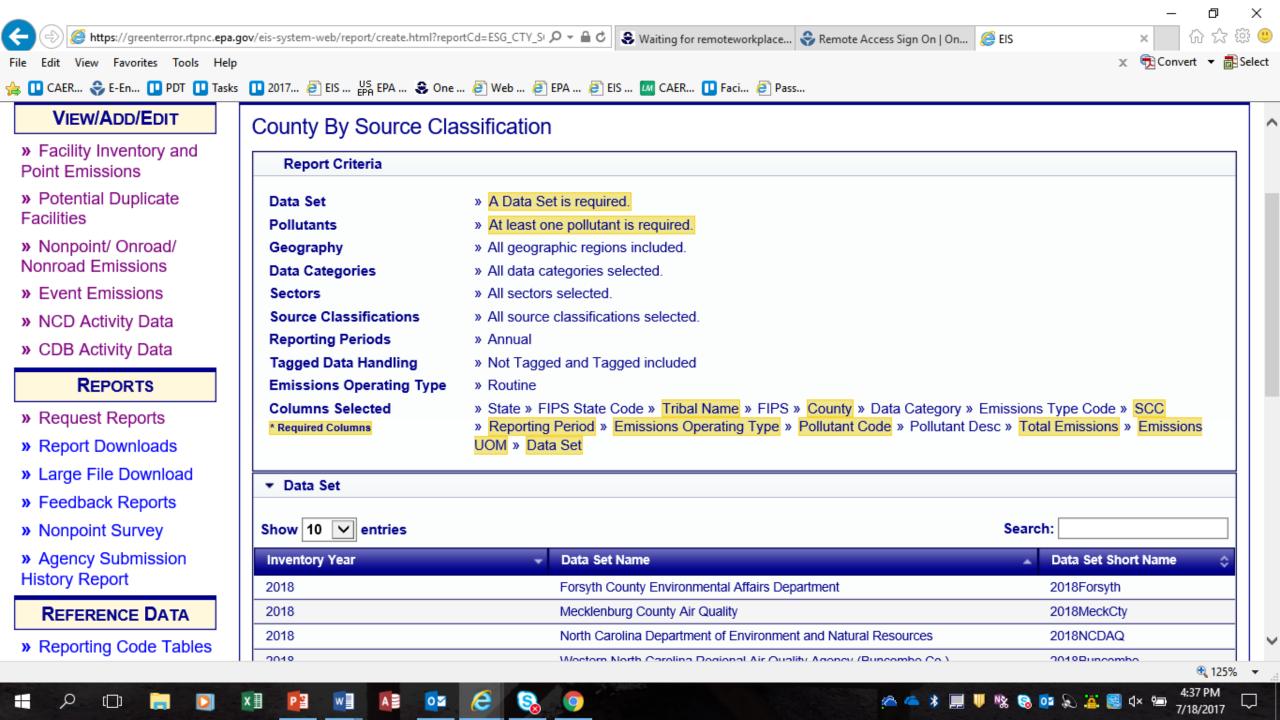








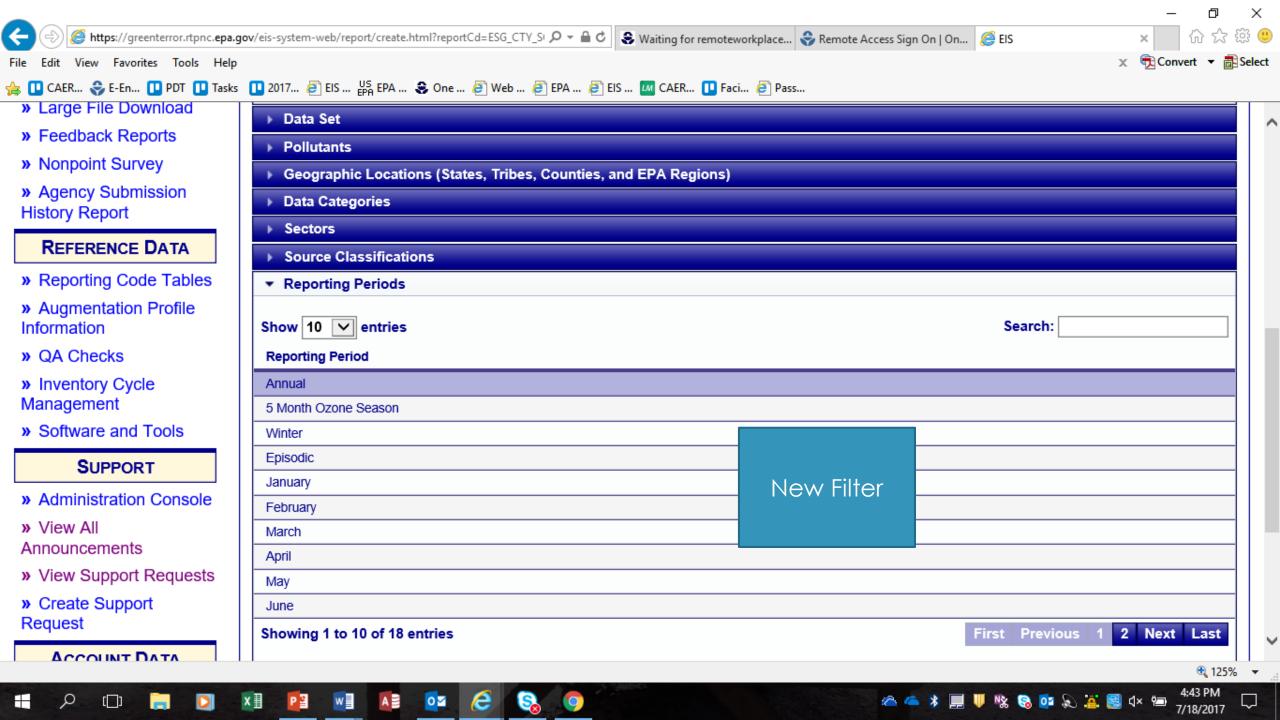


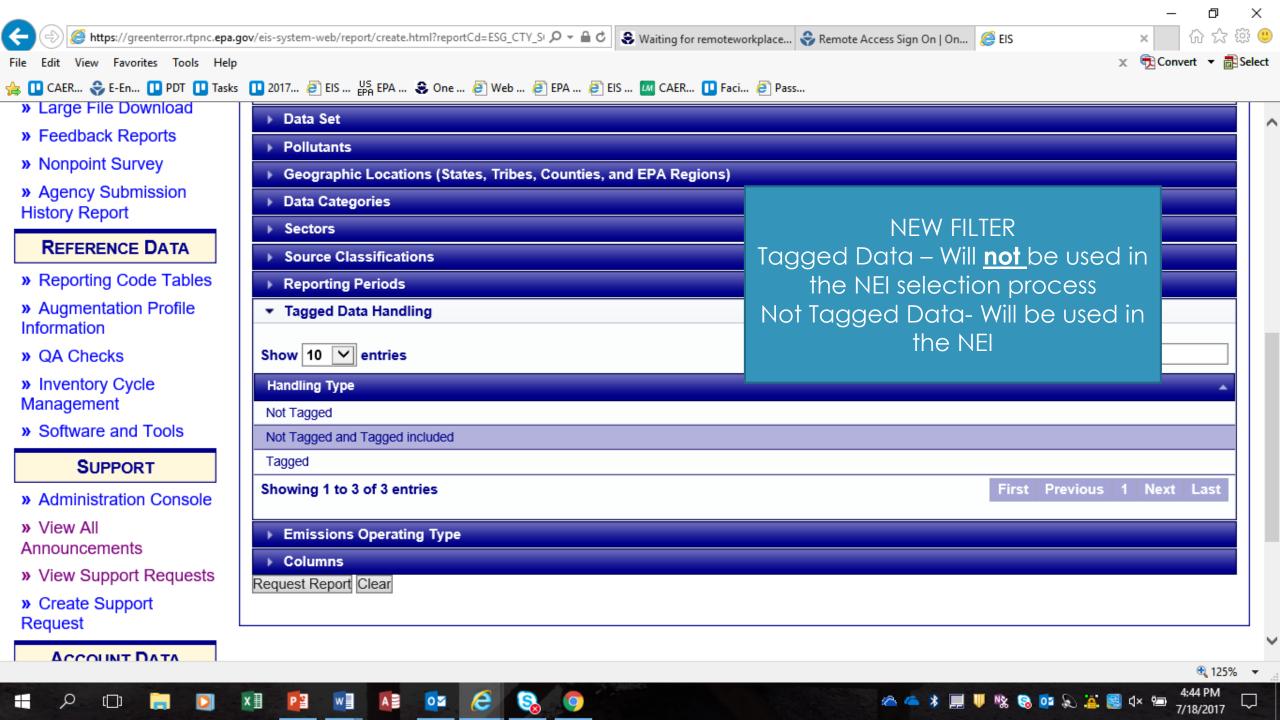


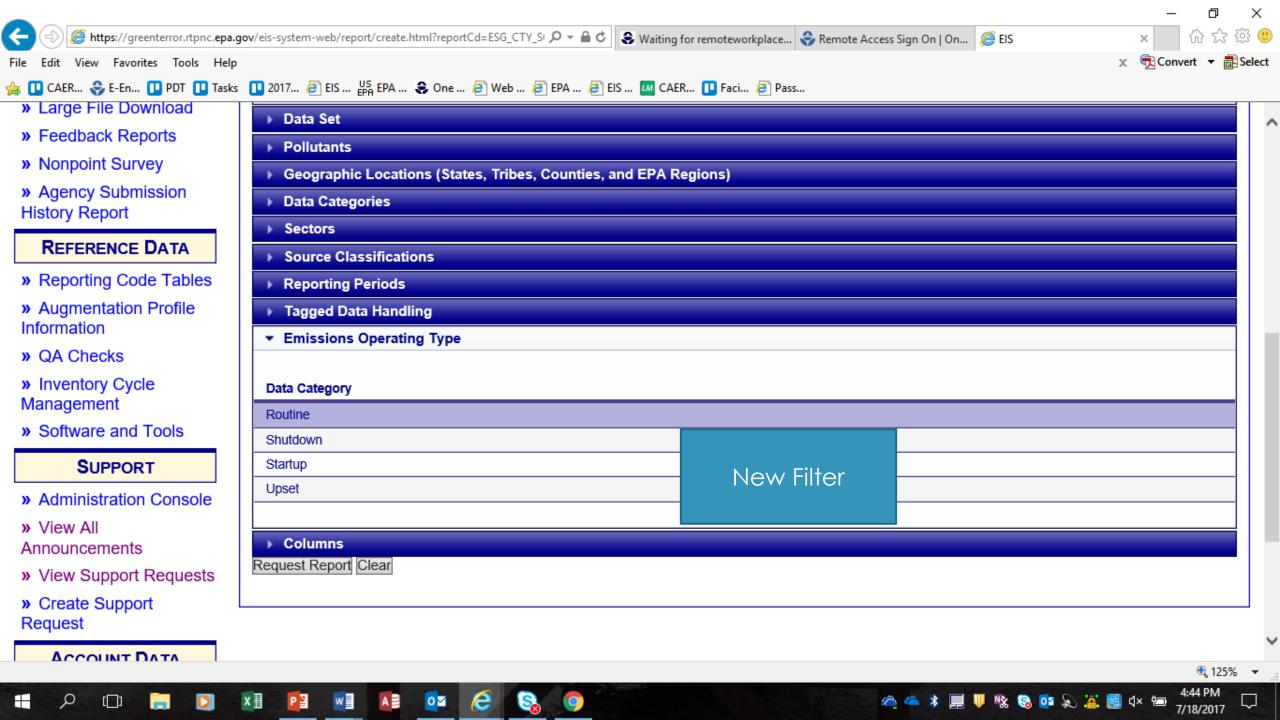


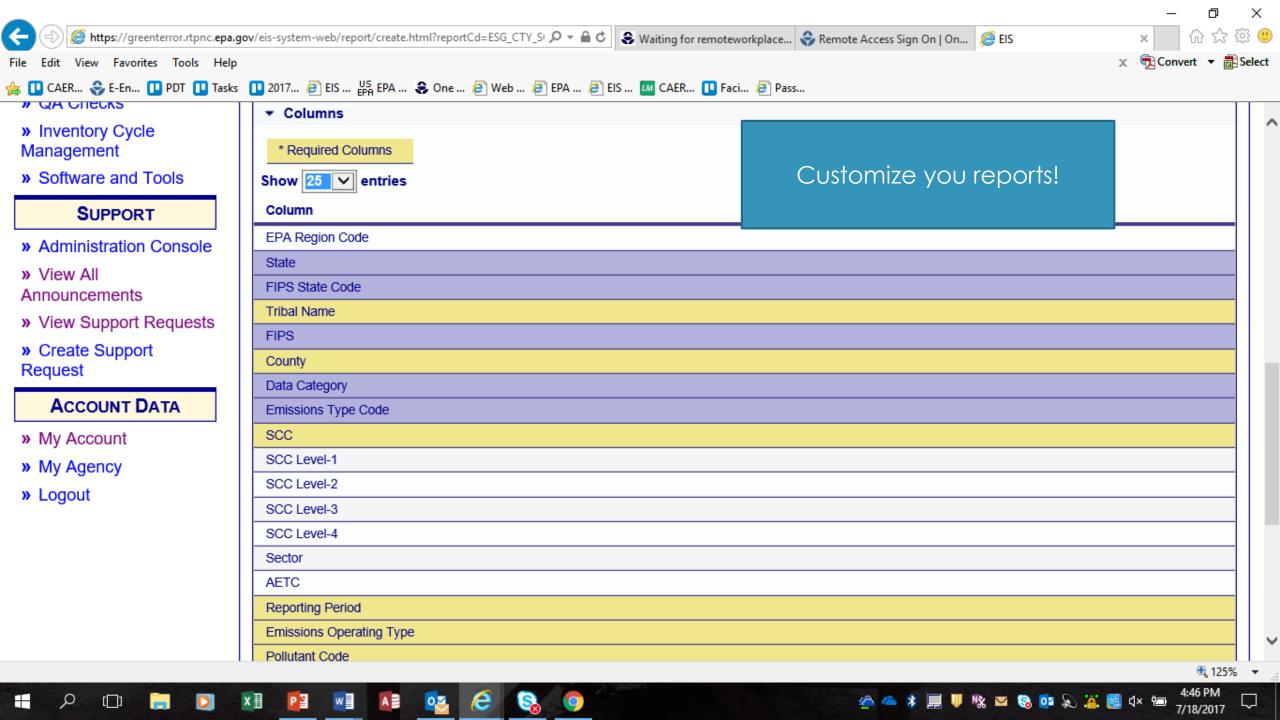


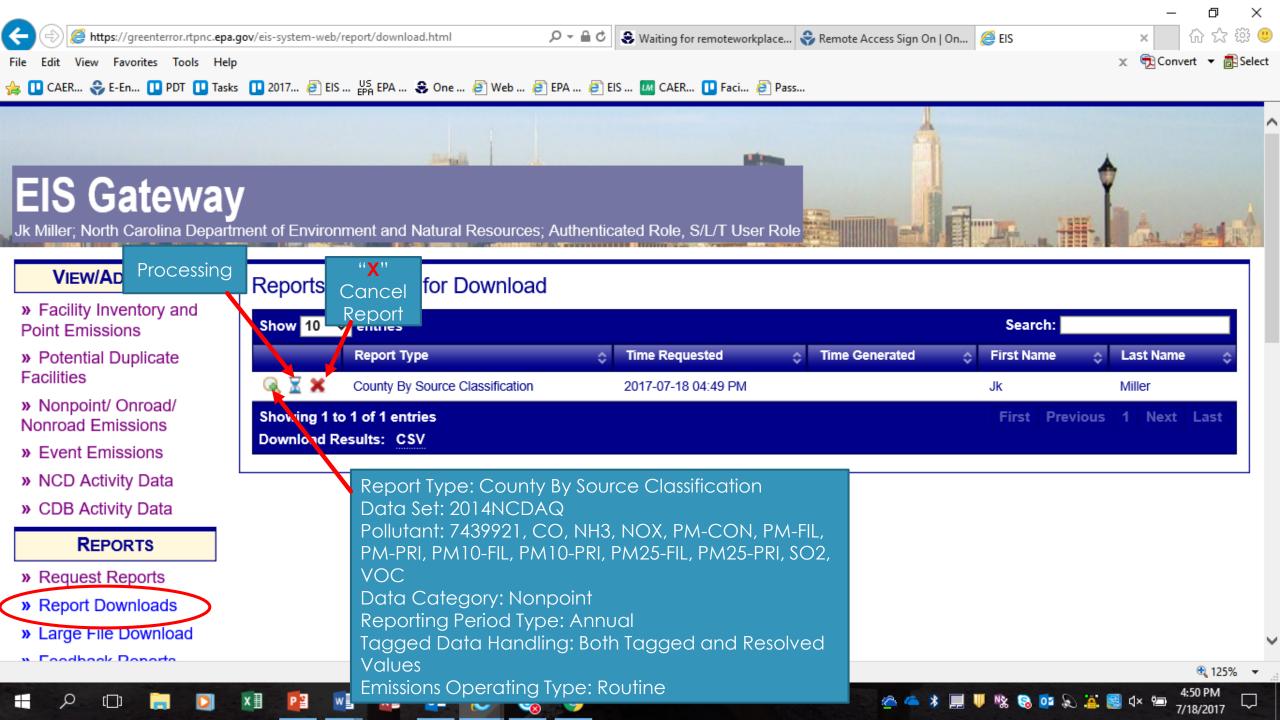


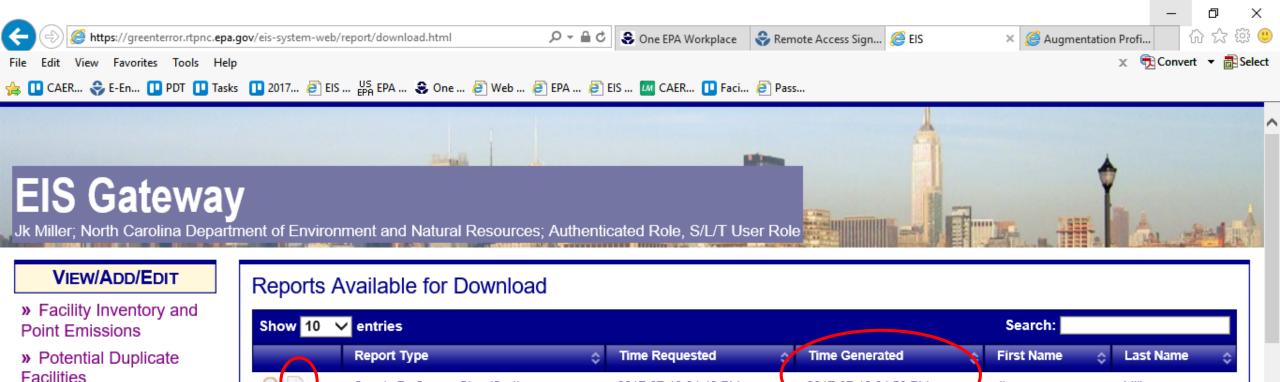












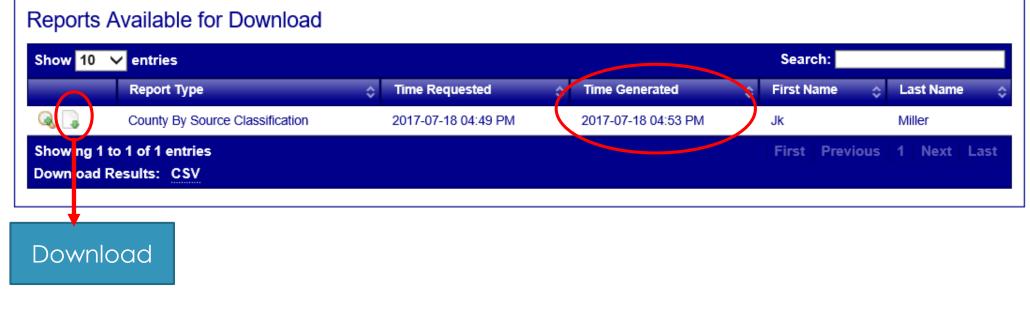
### » Facility Inventory and Point Emissions » Potential Duplicate Facilities » Nonpoint/ Onroad/ Nonroad Emissions » Event Emissions » NCD Activity Data



» Request Reports

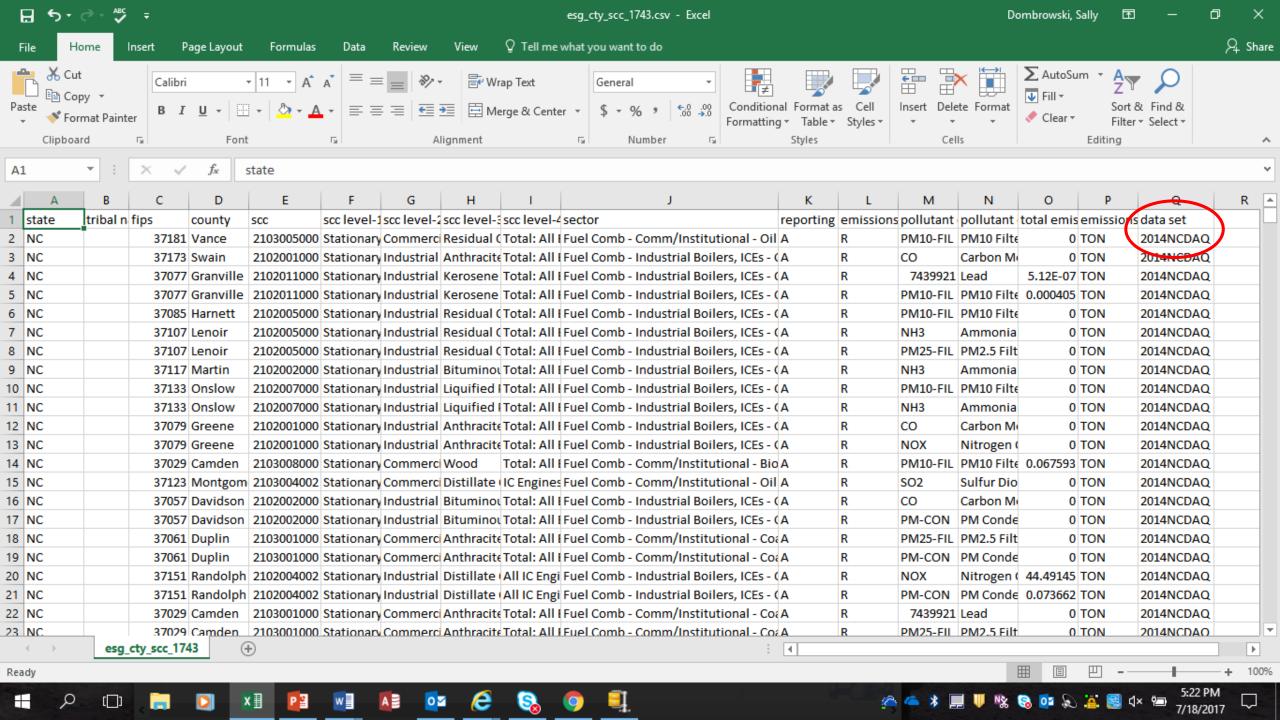
» CDB Activity Data

- » Report Downloads
- » Large File Download
- " Foodbook Doporto



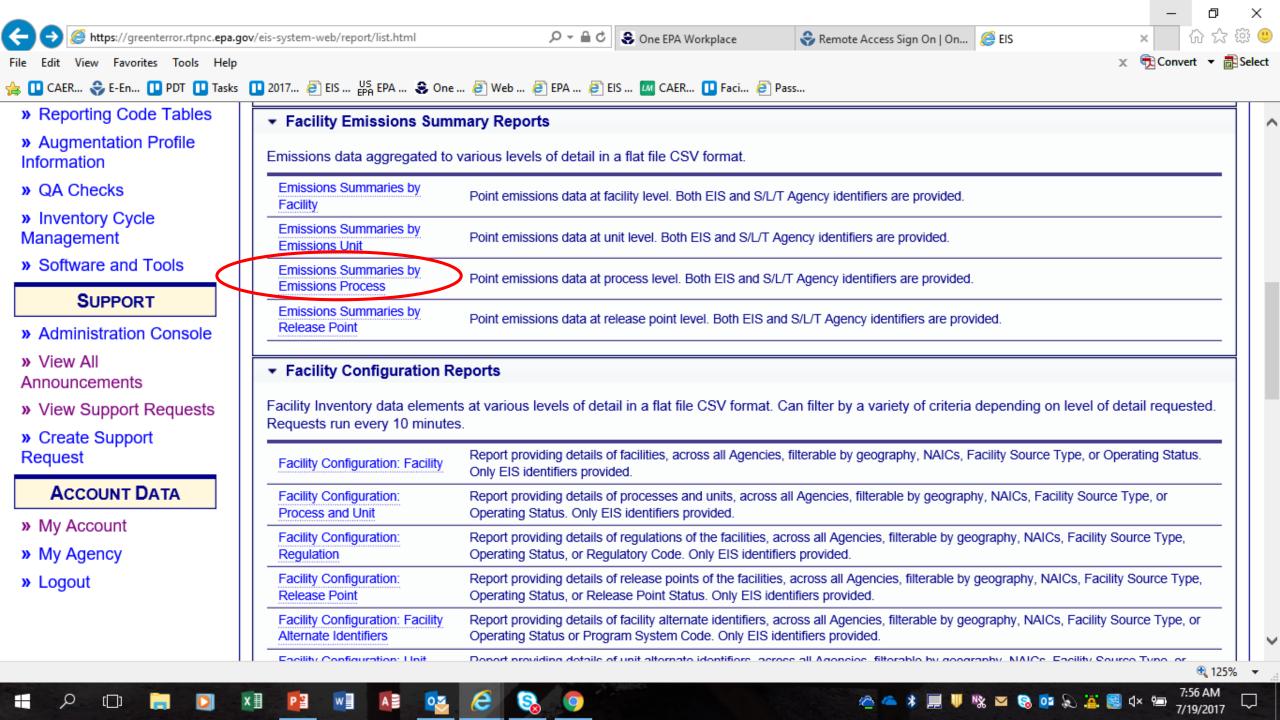
7/19/2017

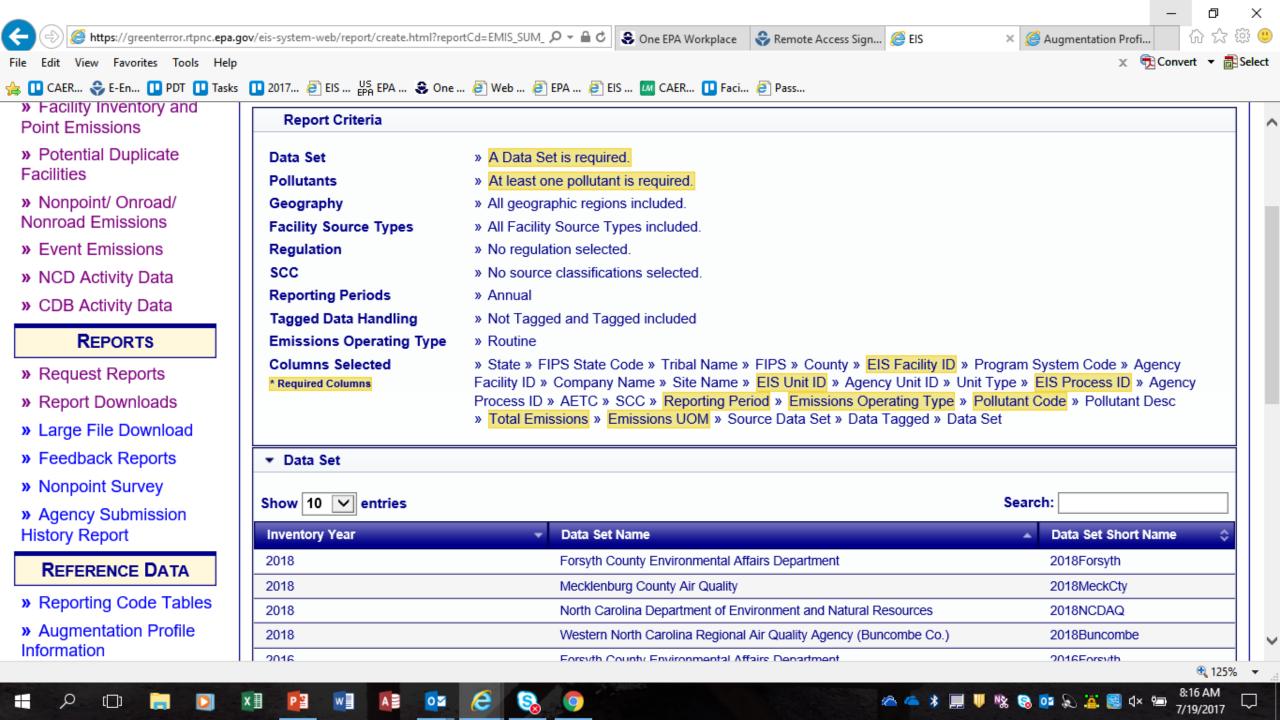
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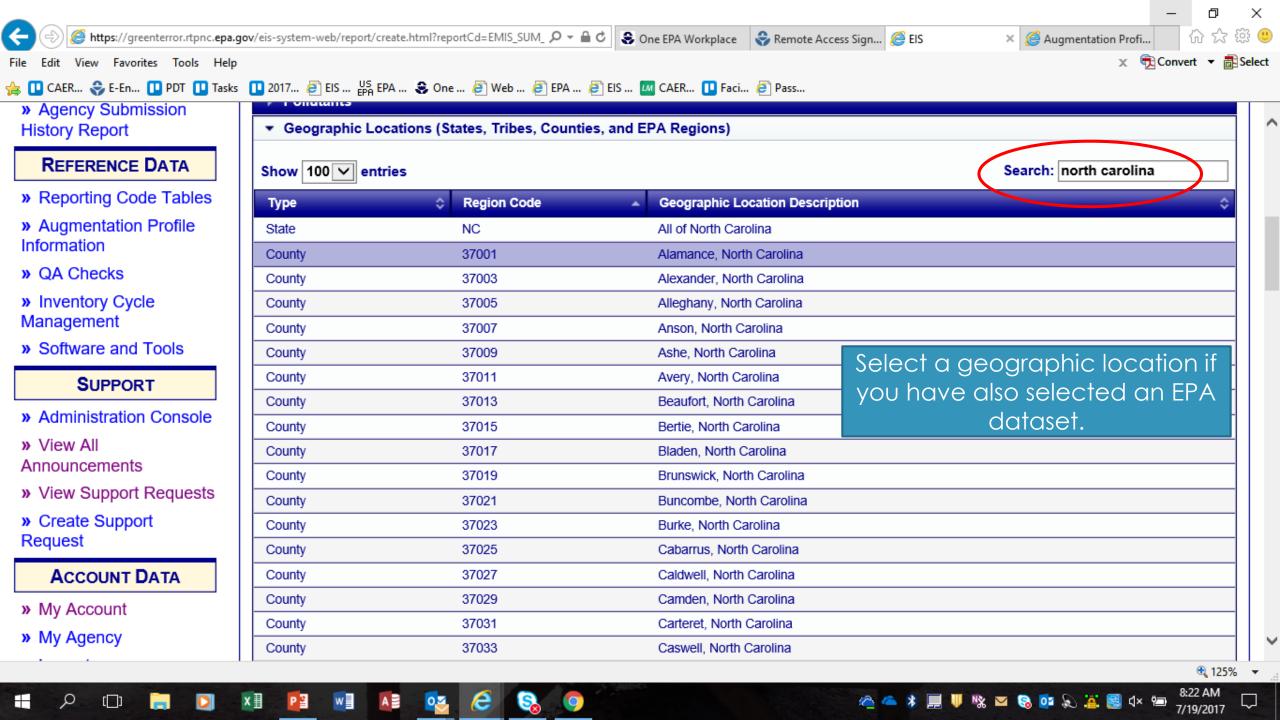




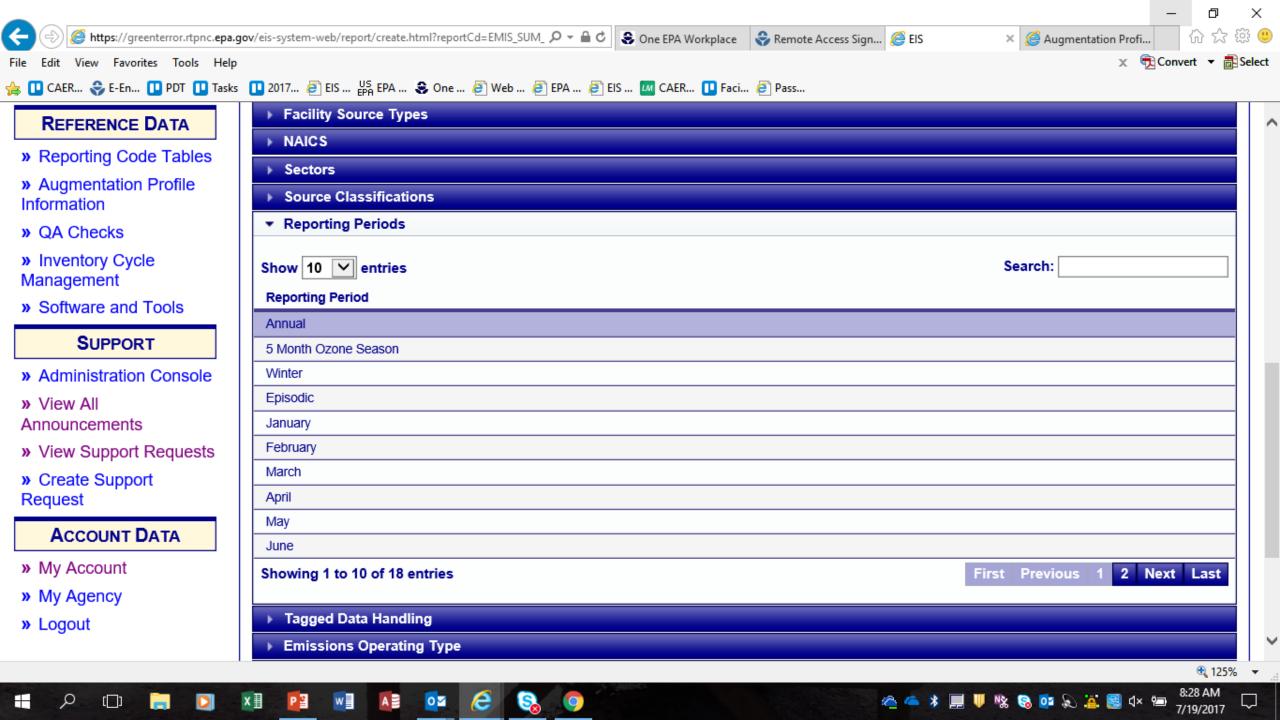
# Facility Emission Summary – Process Level Report

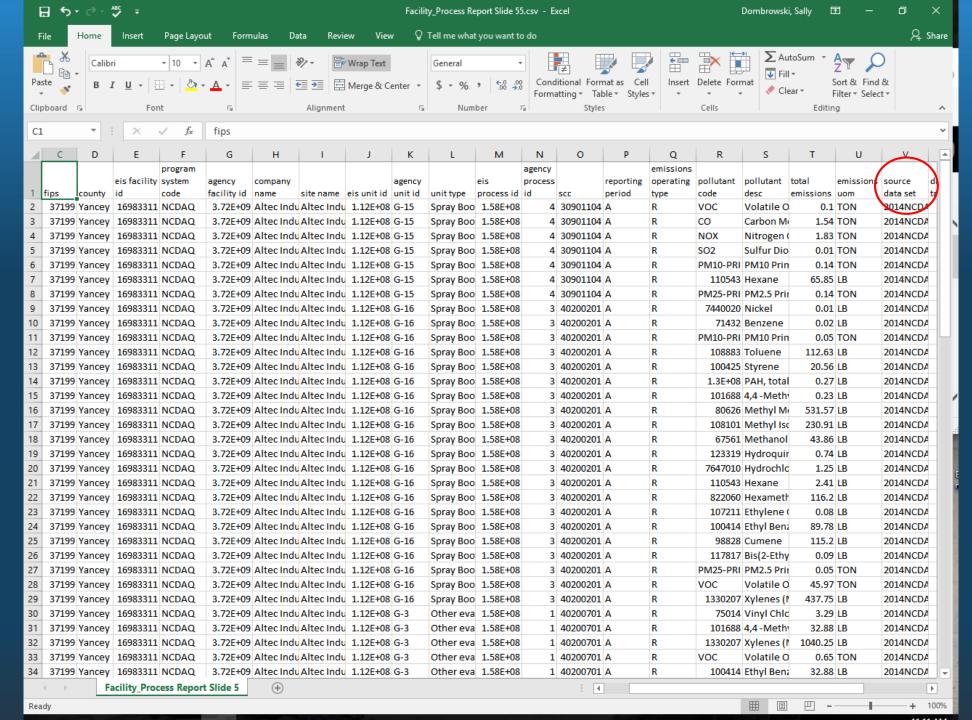








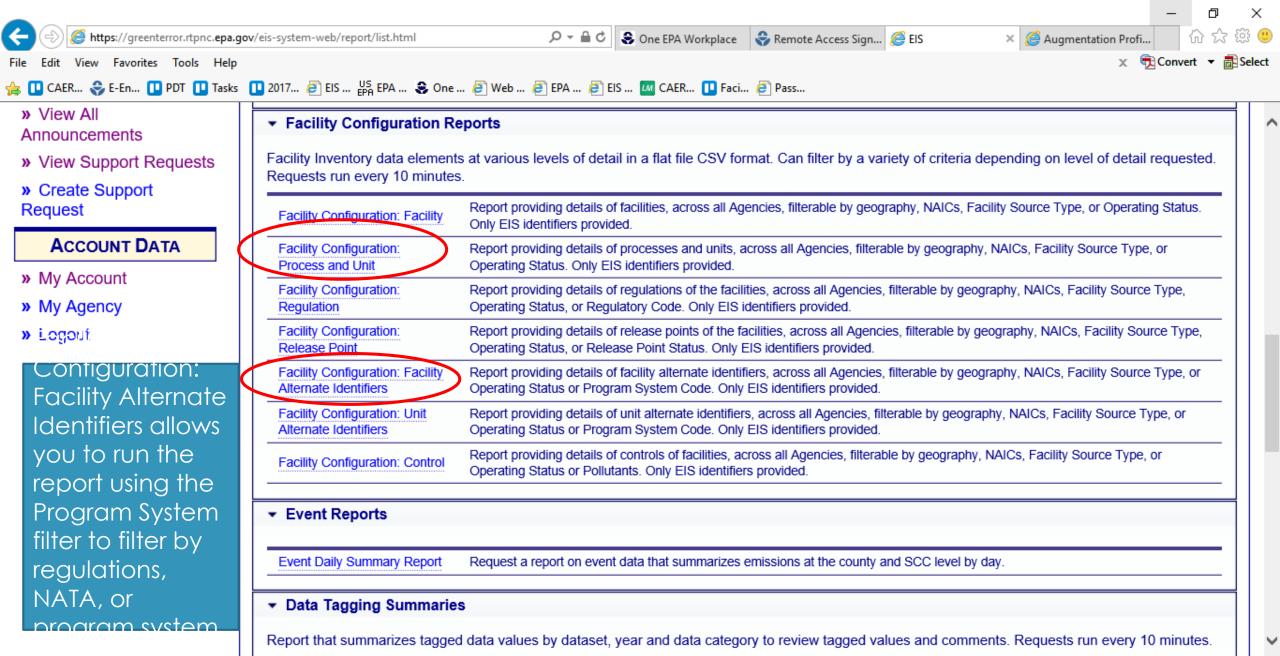




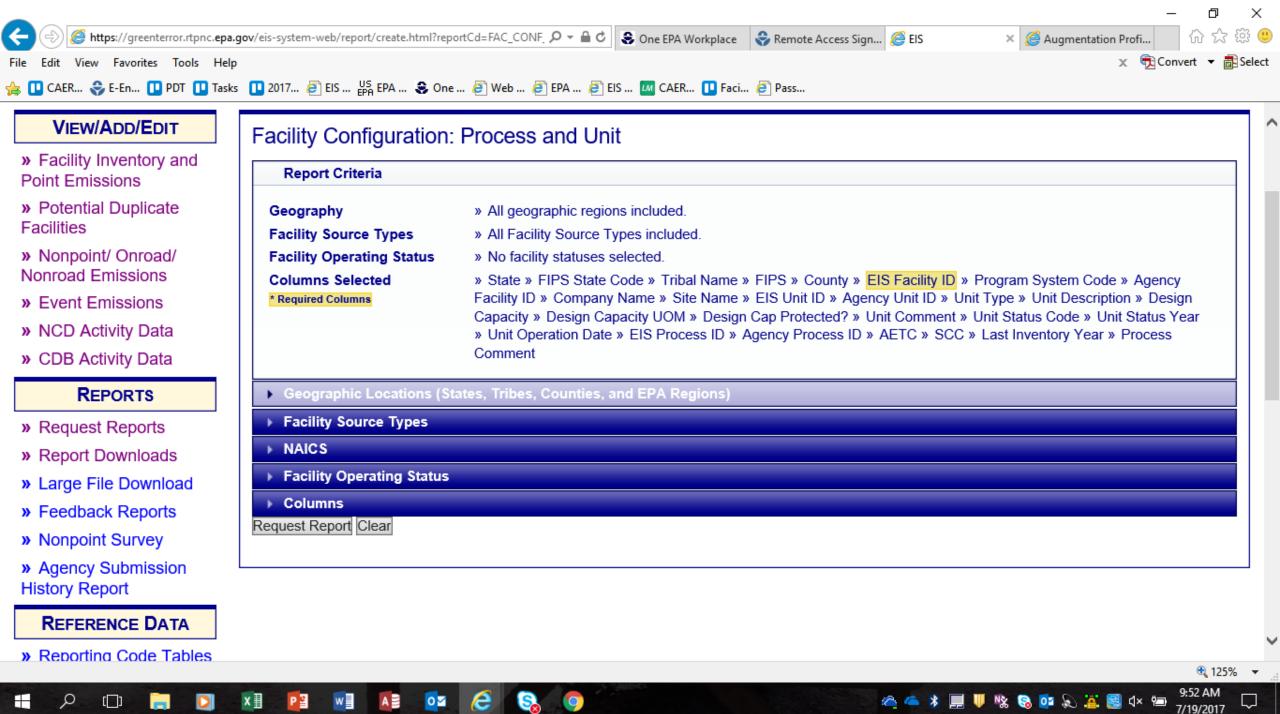


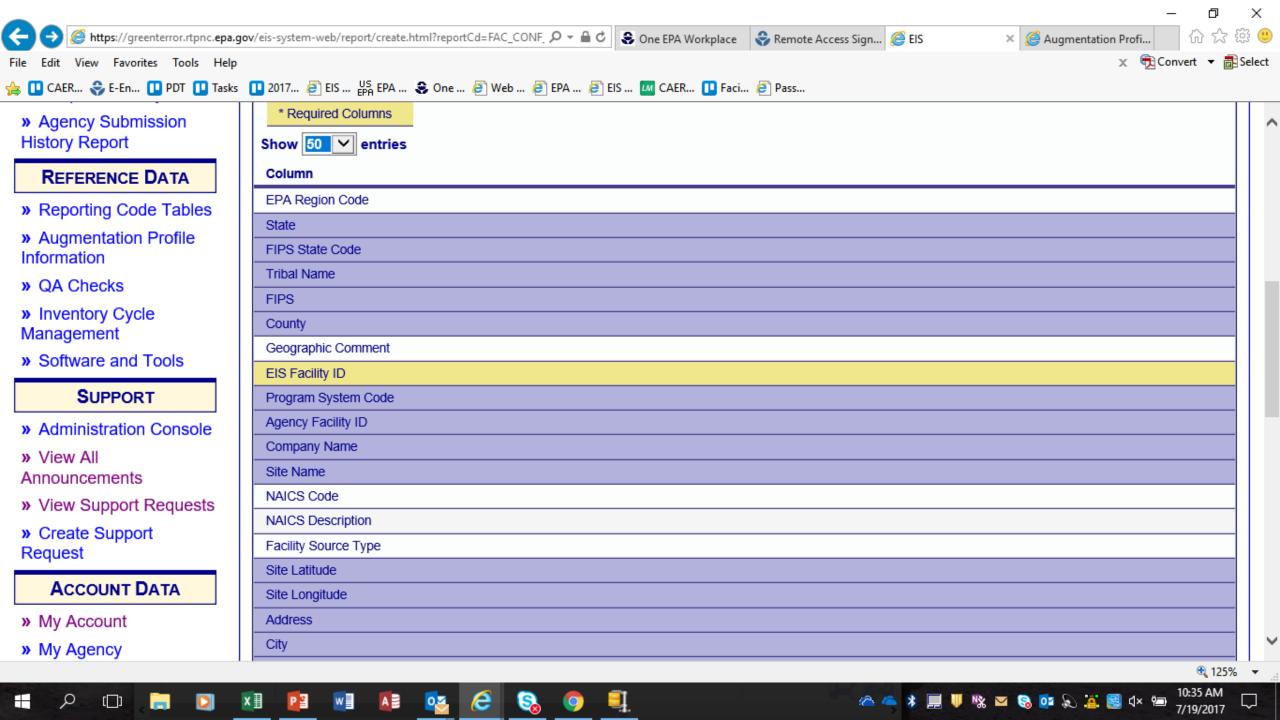


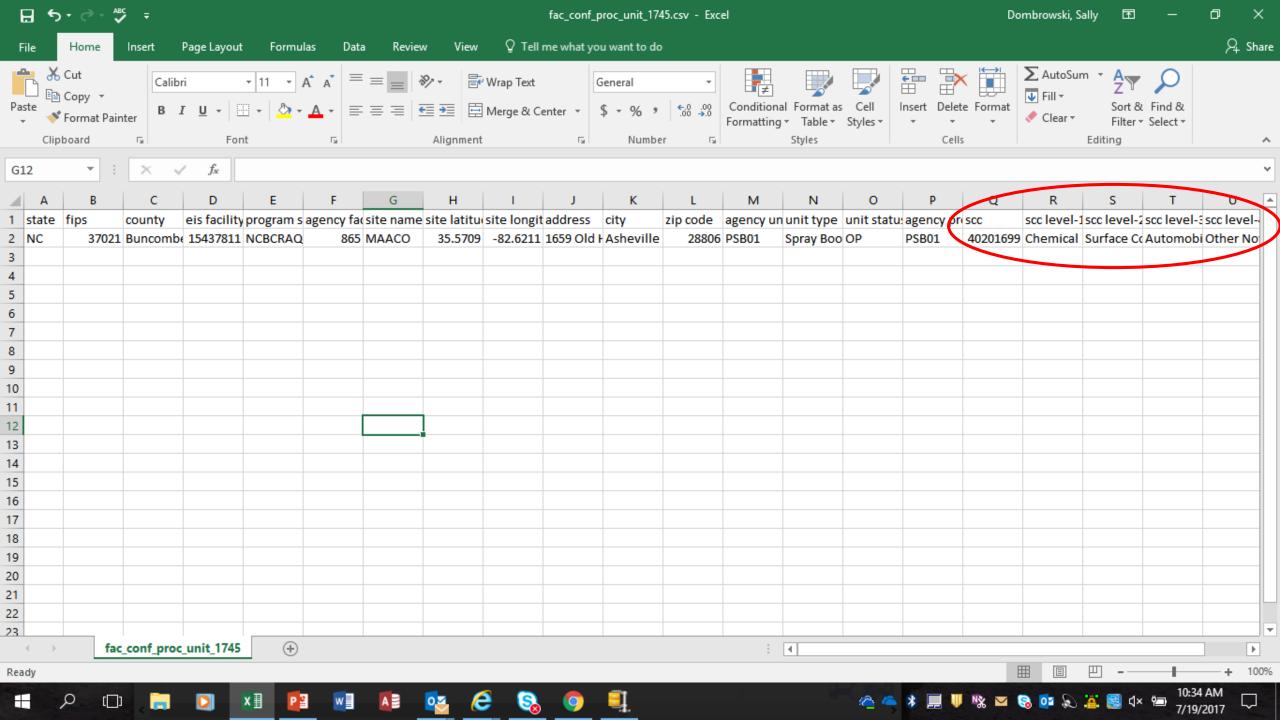
## Facility Configuration Reports



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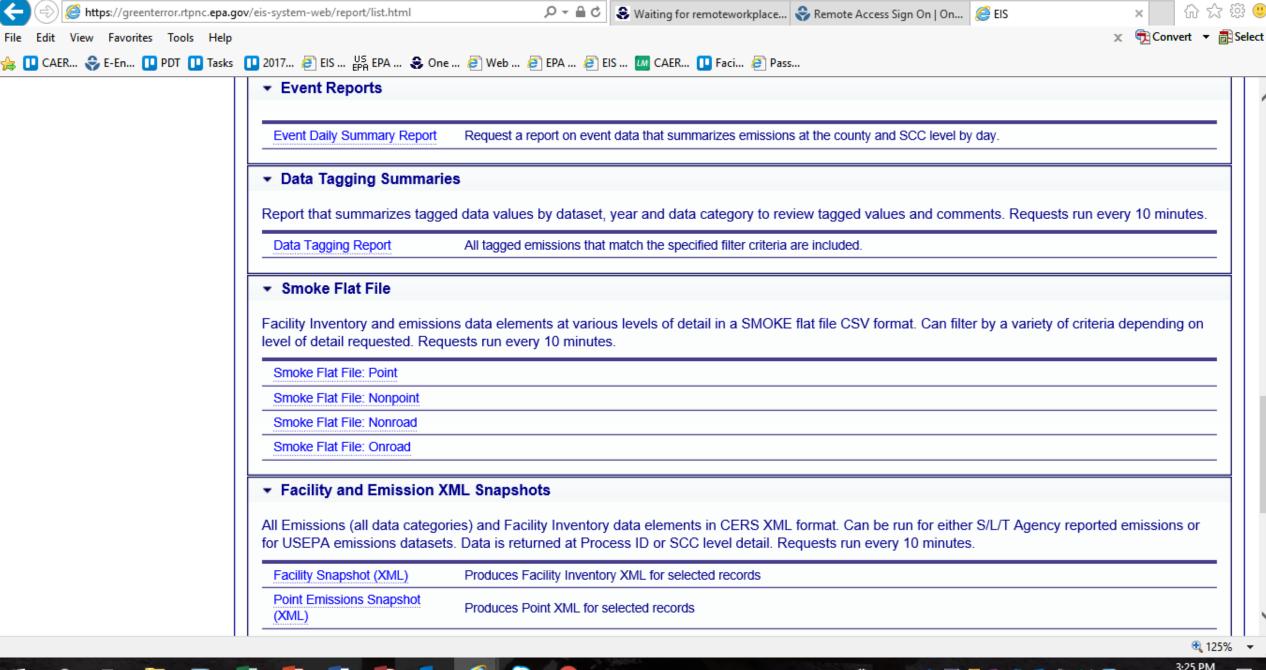


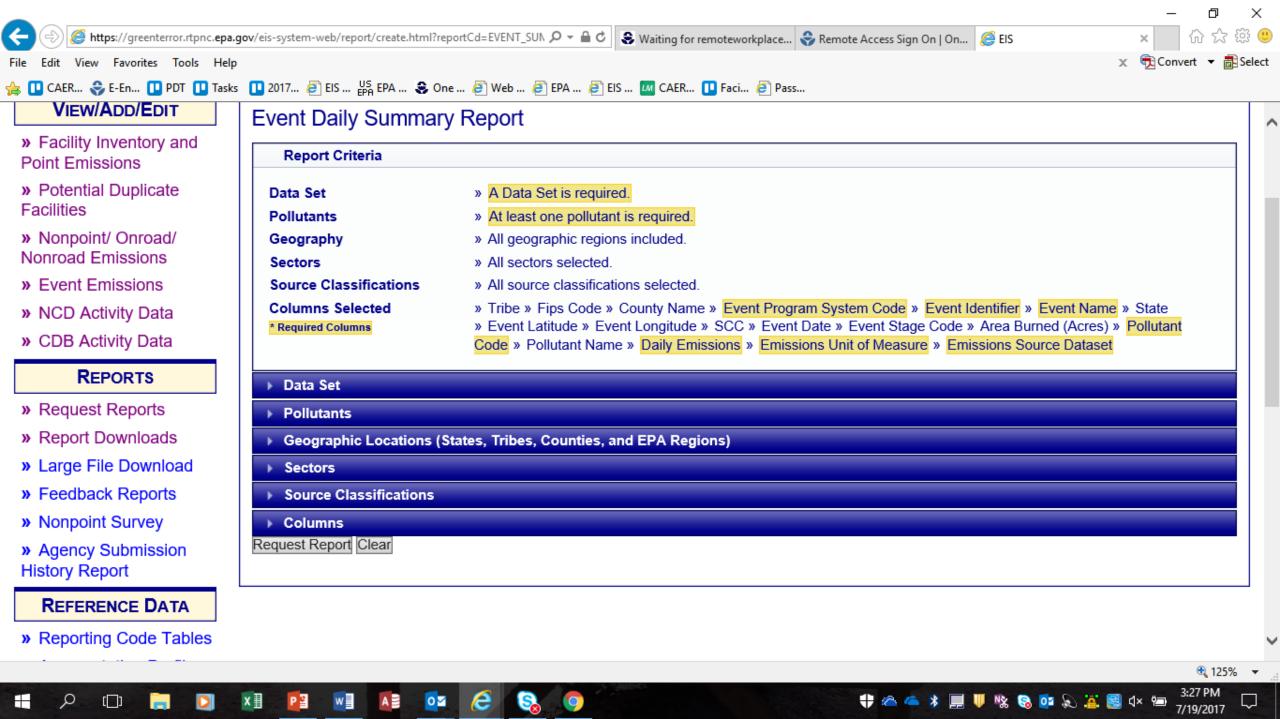


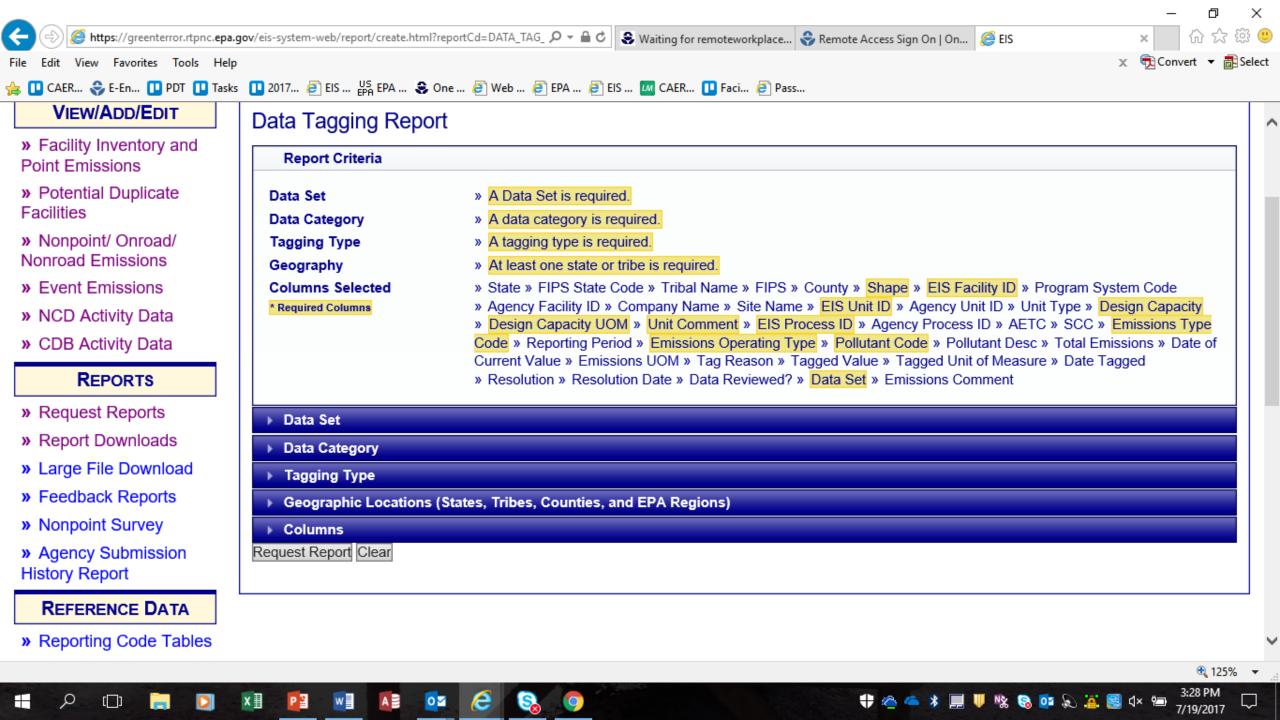


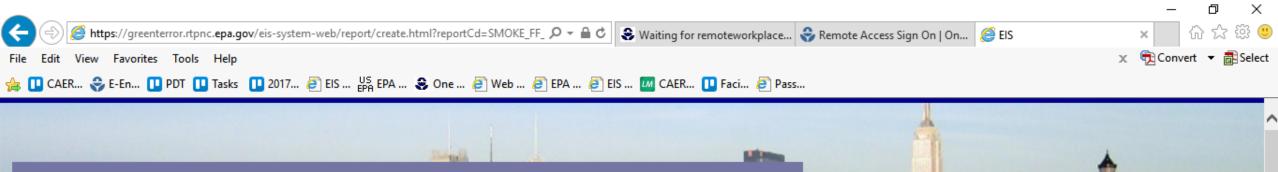


## Events, Data Tagging, Smoke Flat File Reports









### **EIS Gateway**

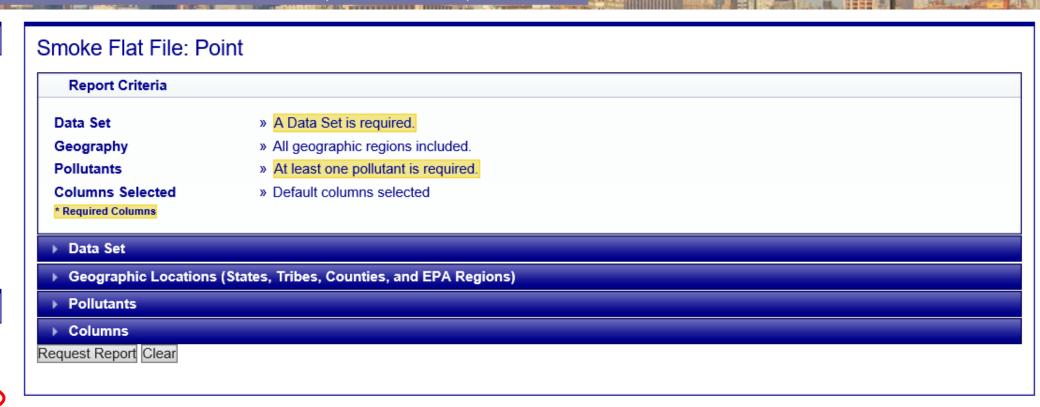
Jk Miller; North Carolina Department of Environment and Natural Resources; Authenticated Role, S/L/T User Role

### VIEW/ADD/EDIT

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

#### **REPORTS**

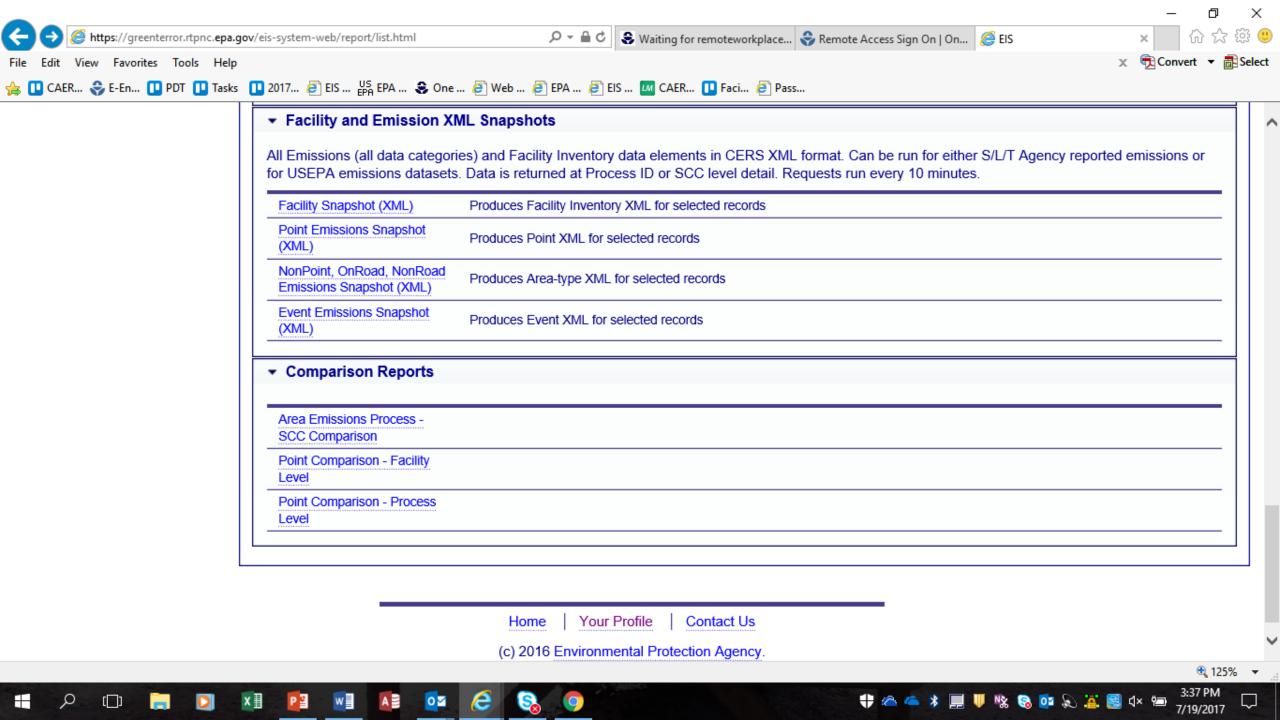
- » Request Reports
- » Report Downloads
- » Large File Download

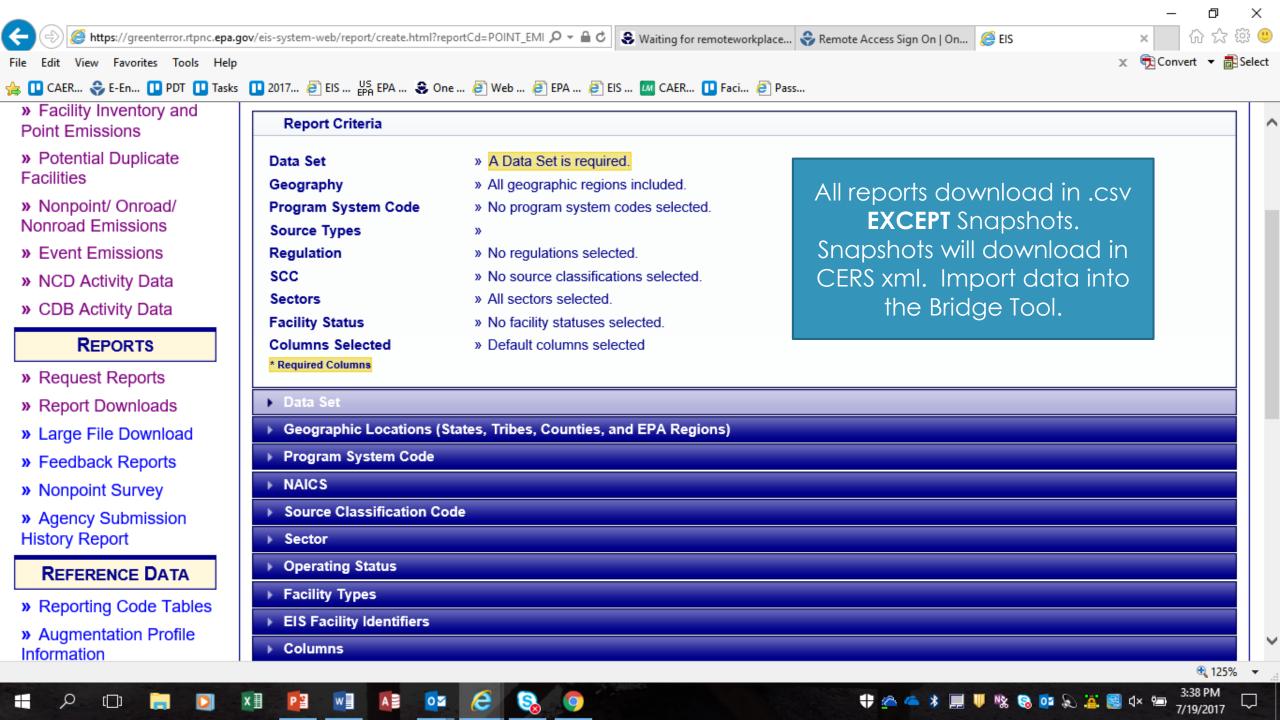


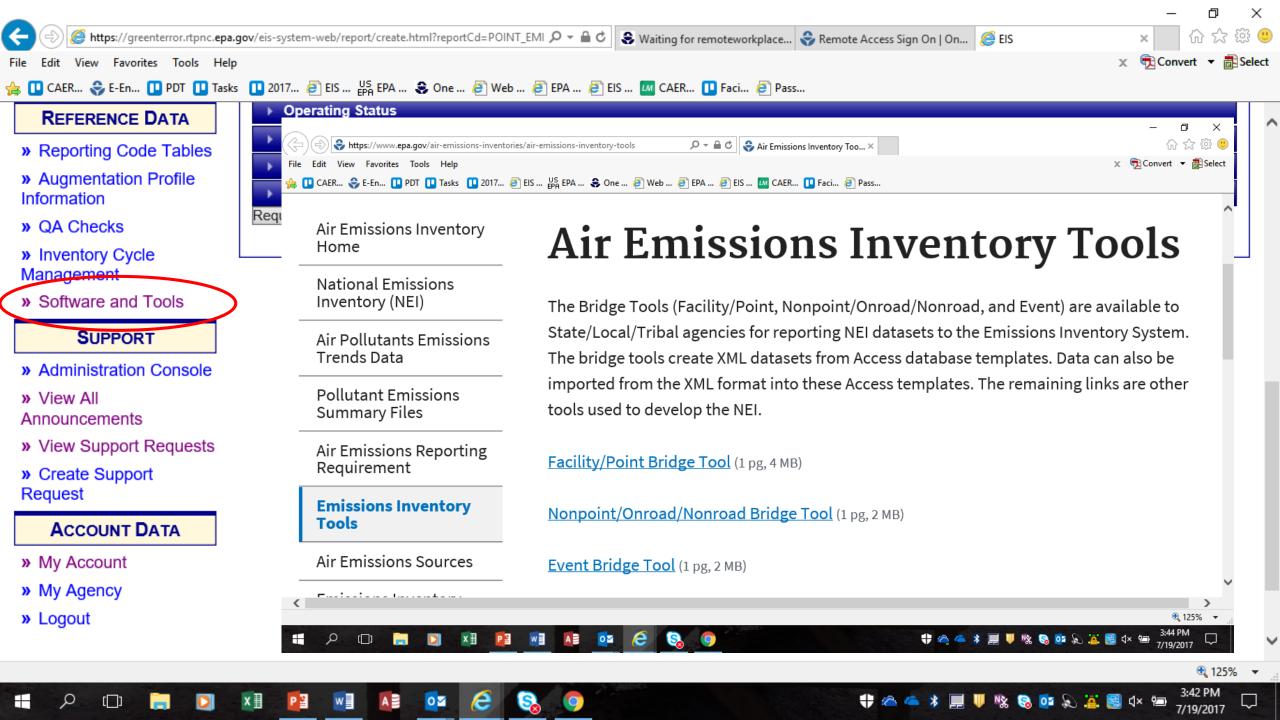
7/19/2017

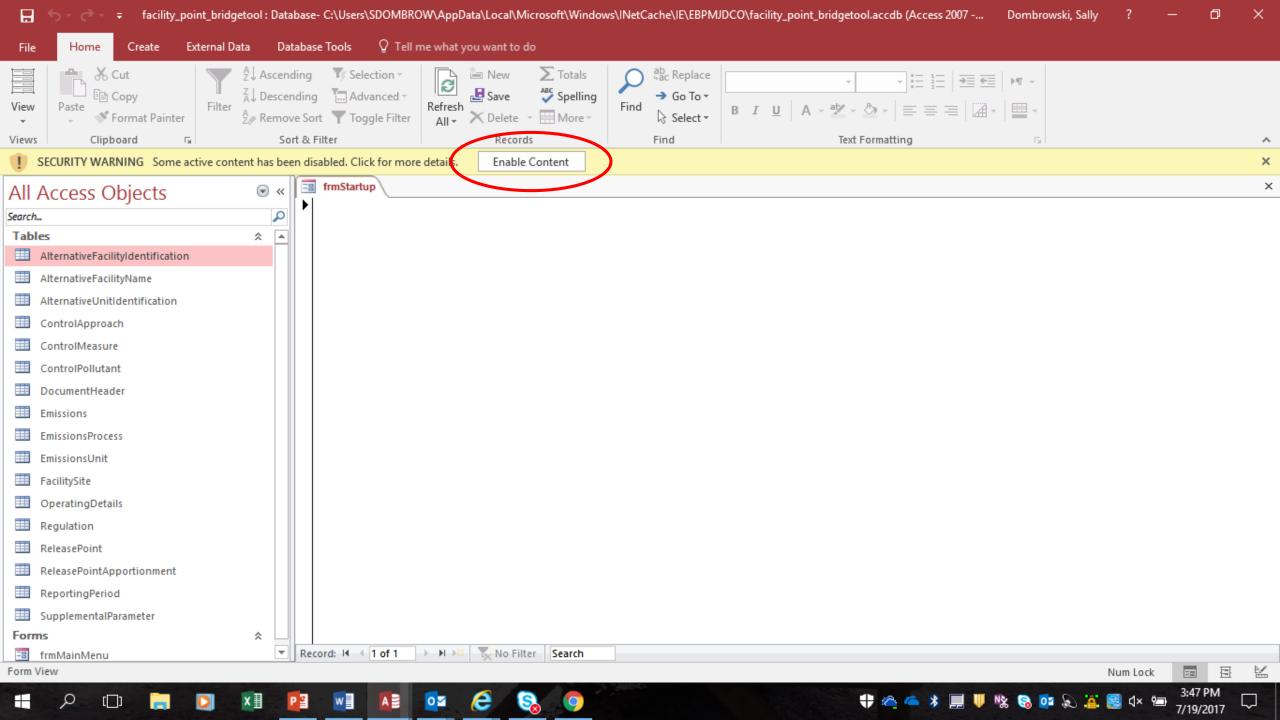


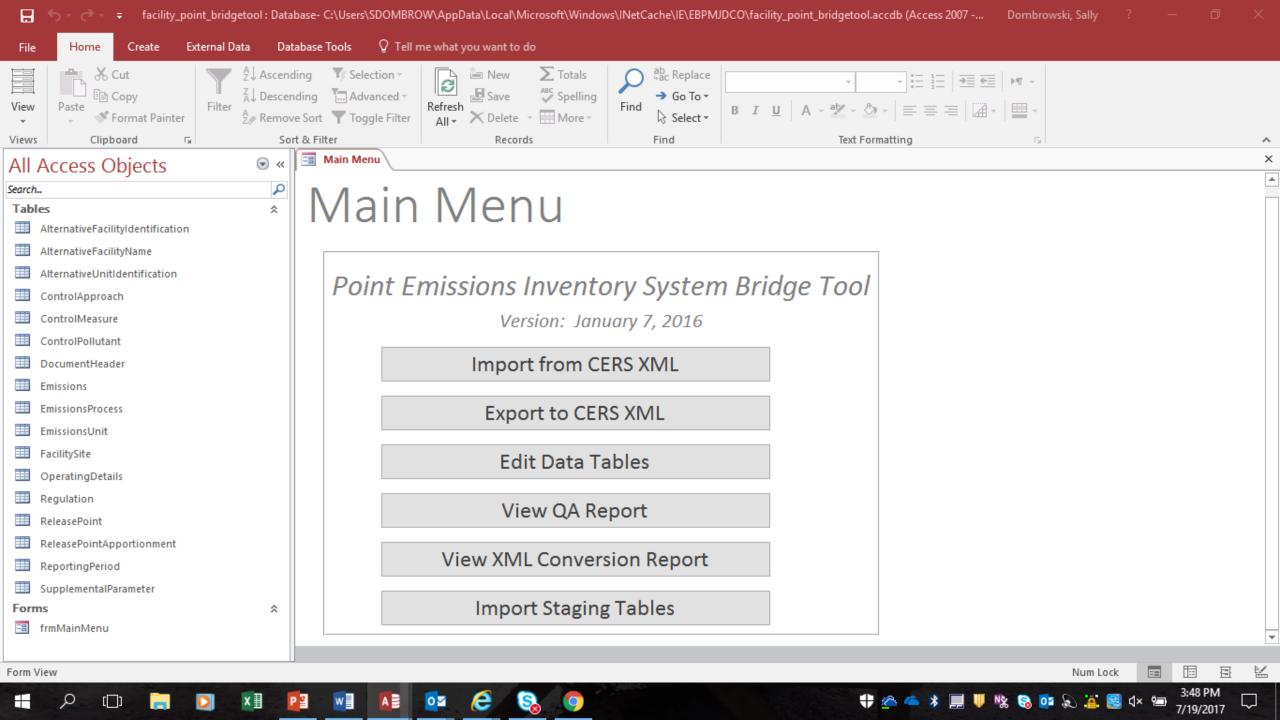
# Facility and Emissions XML Snapshot Reports

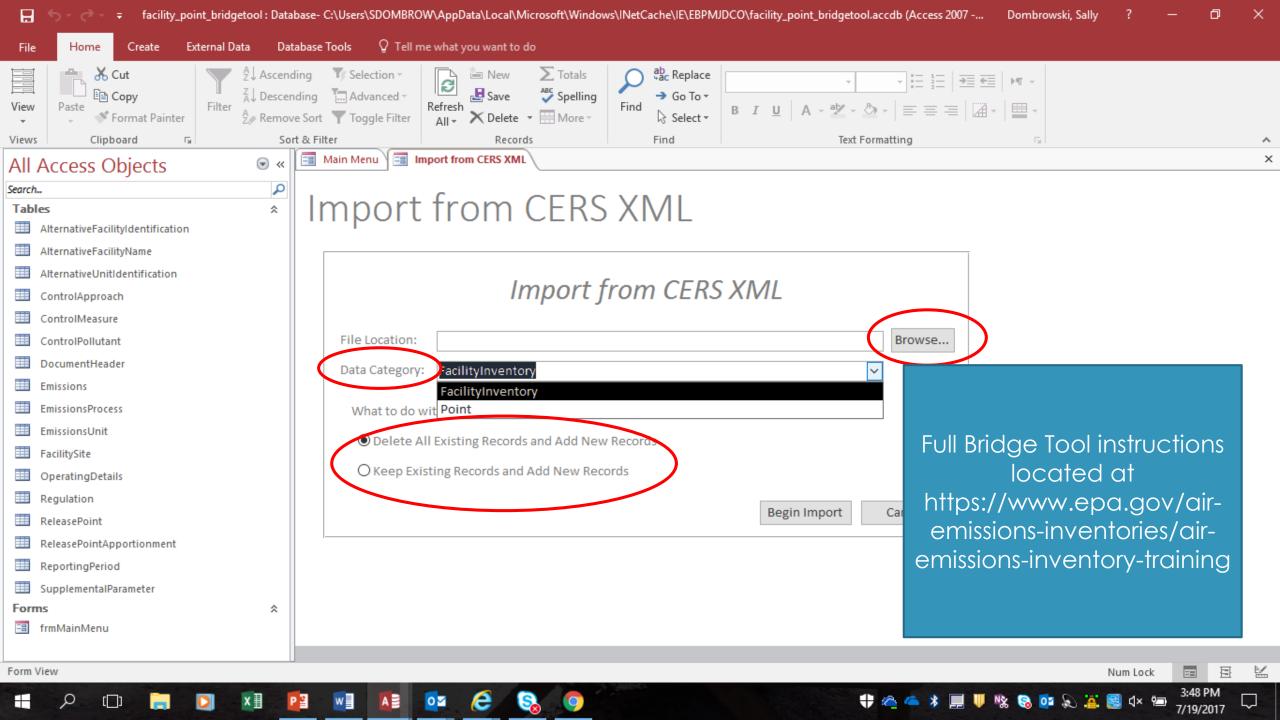






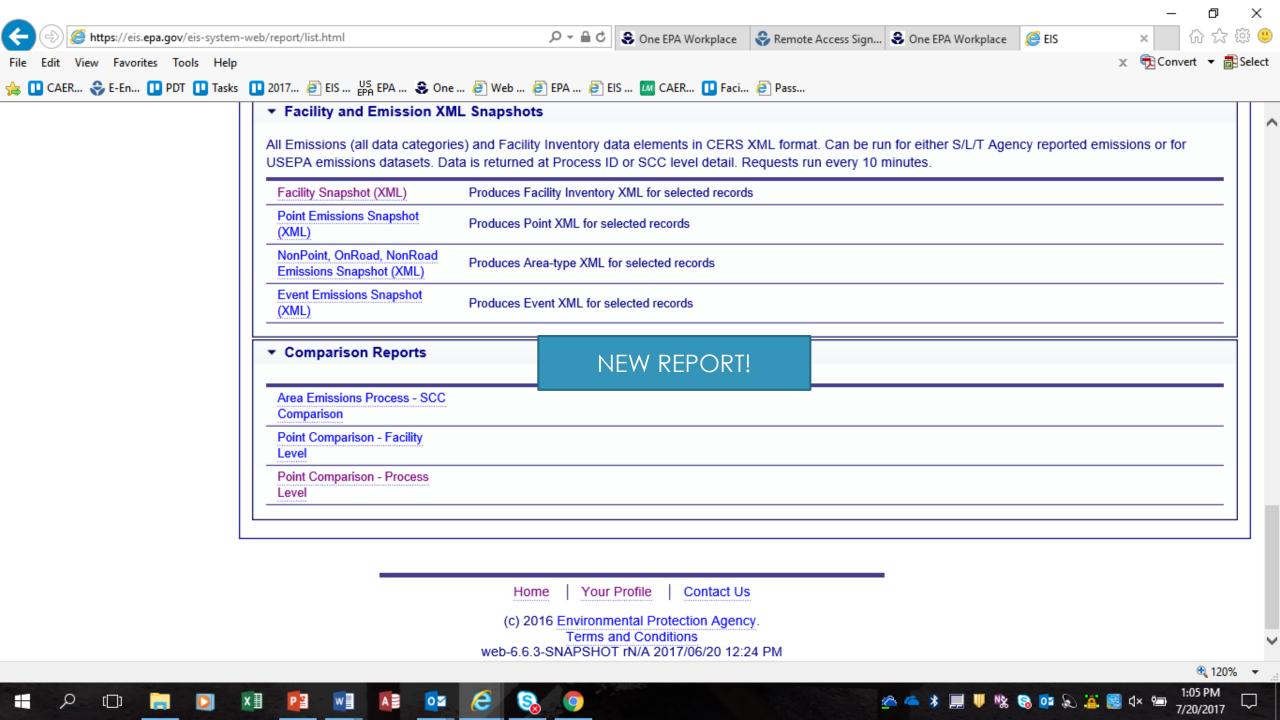


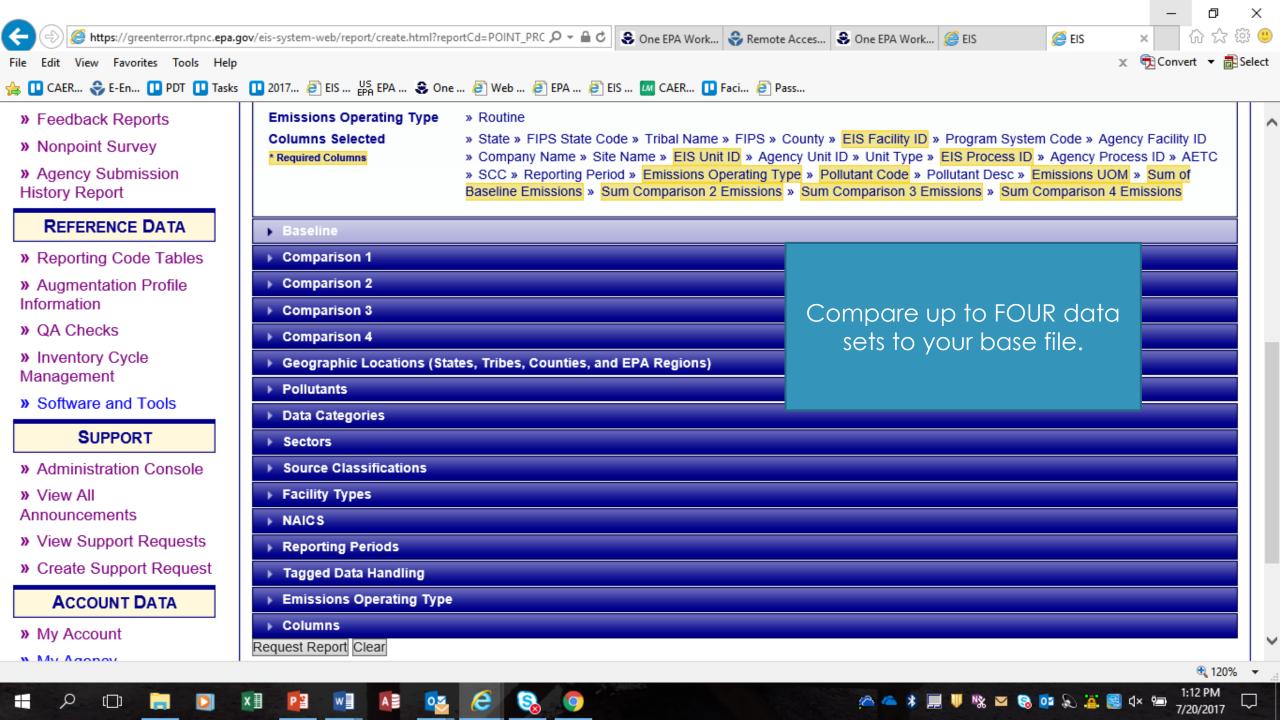


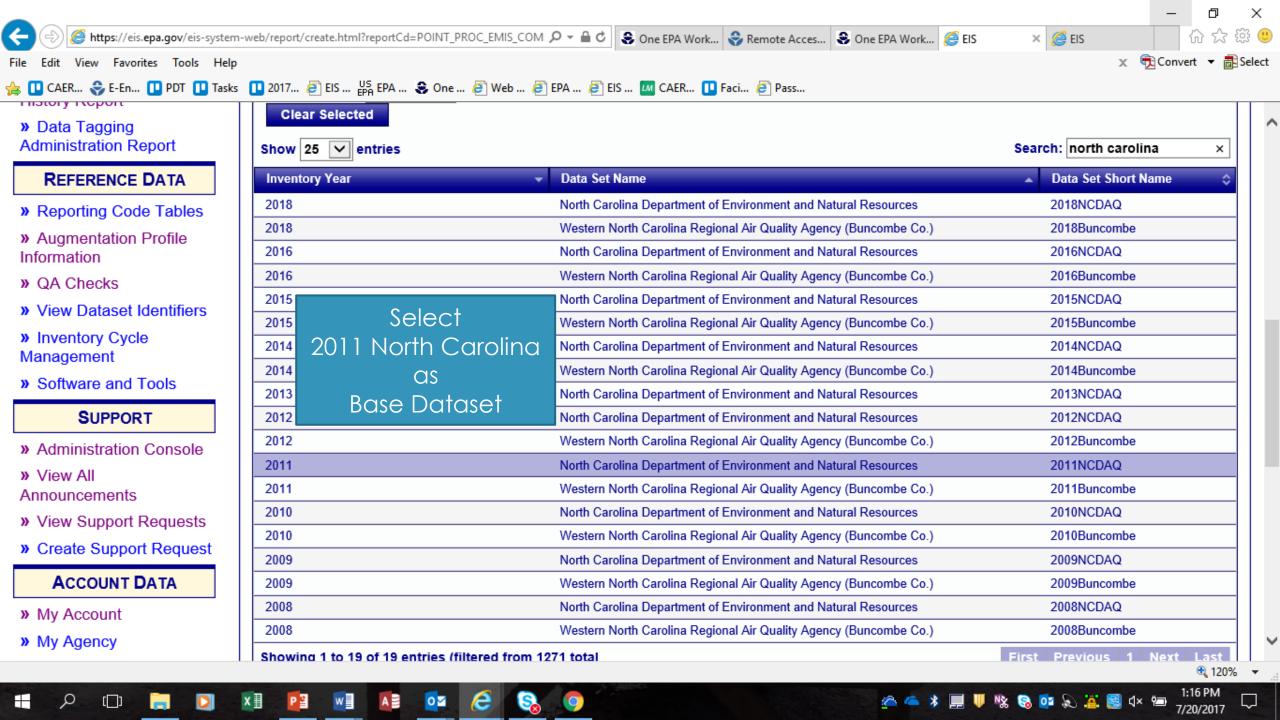


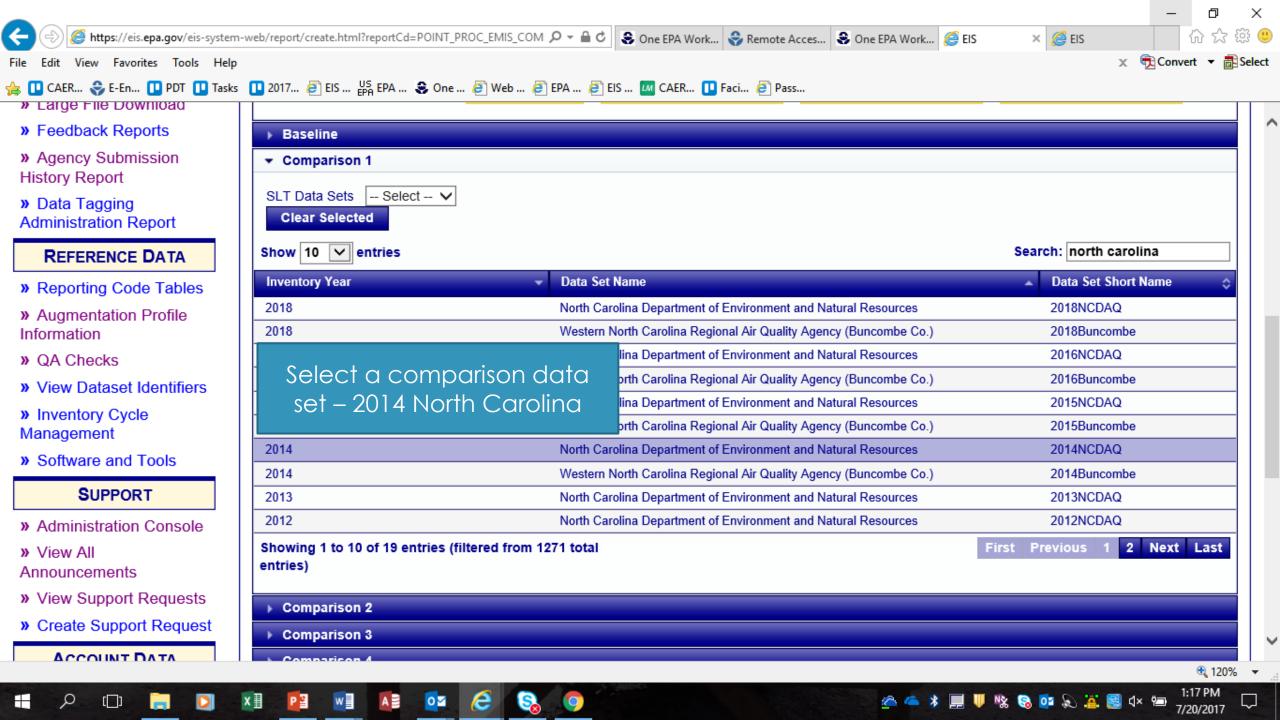


# Comparison Reports

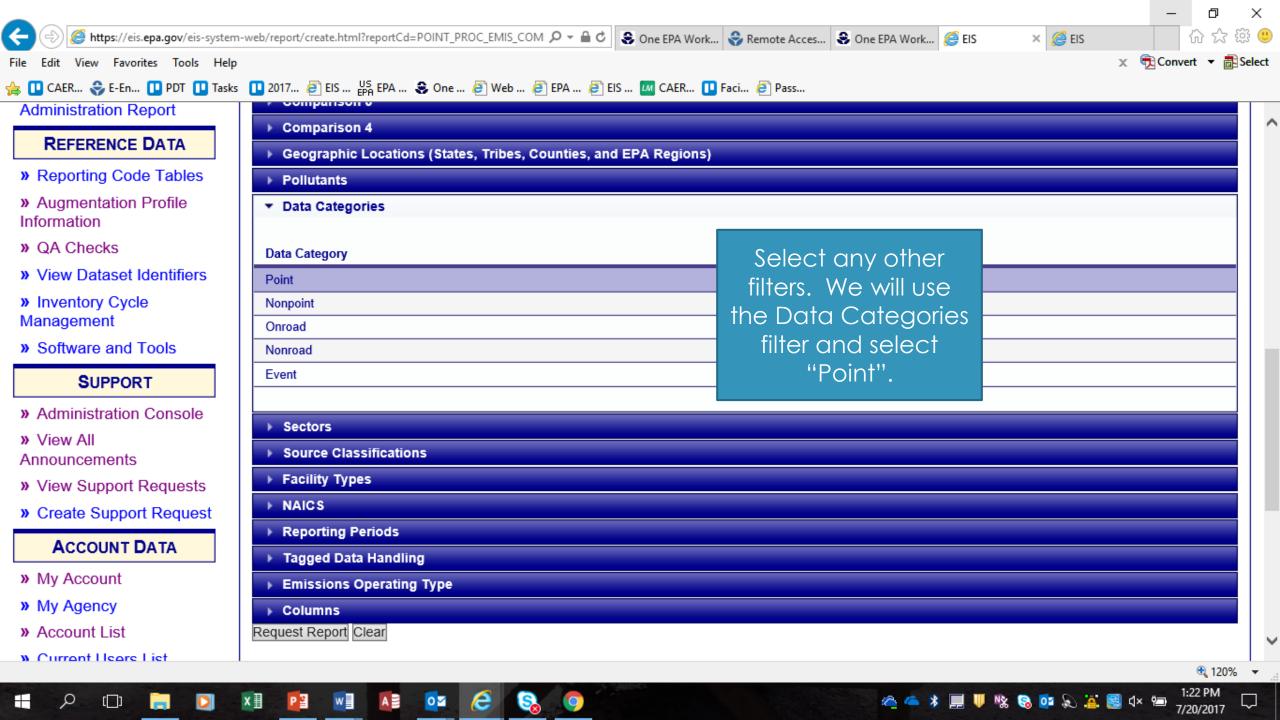


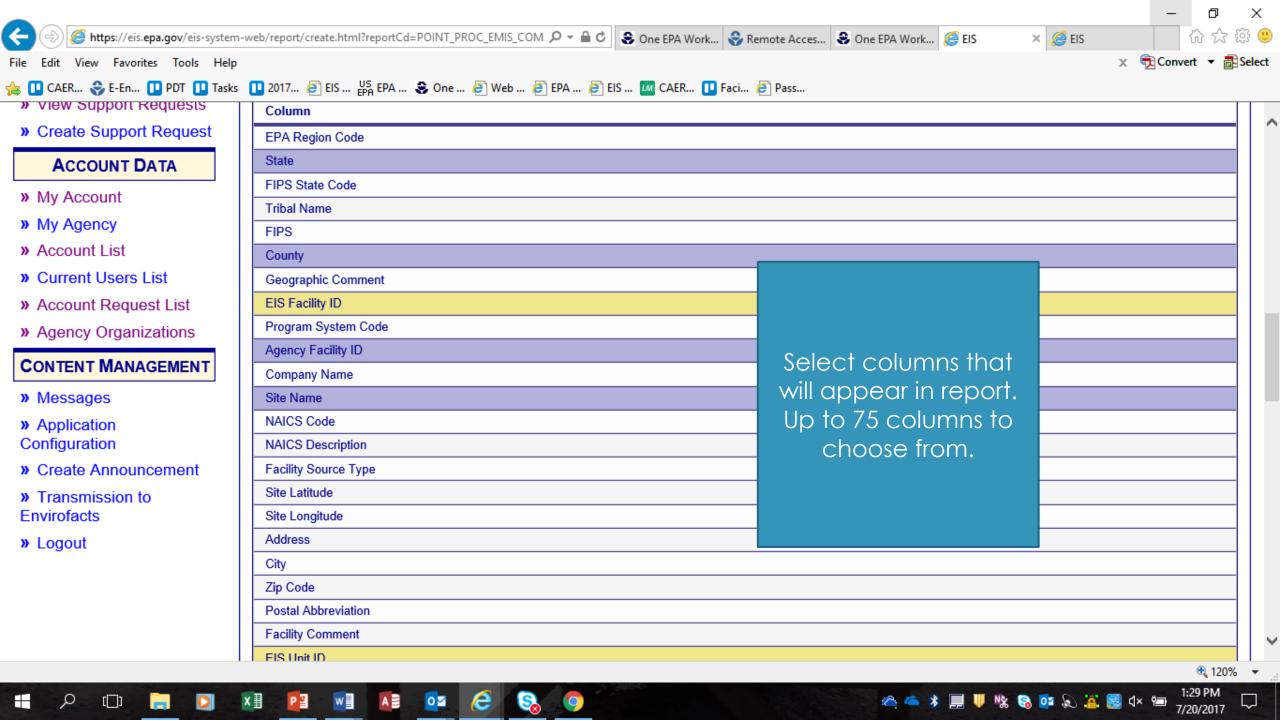












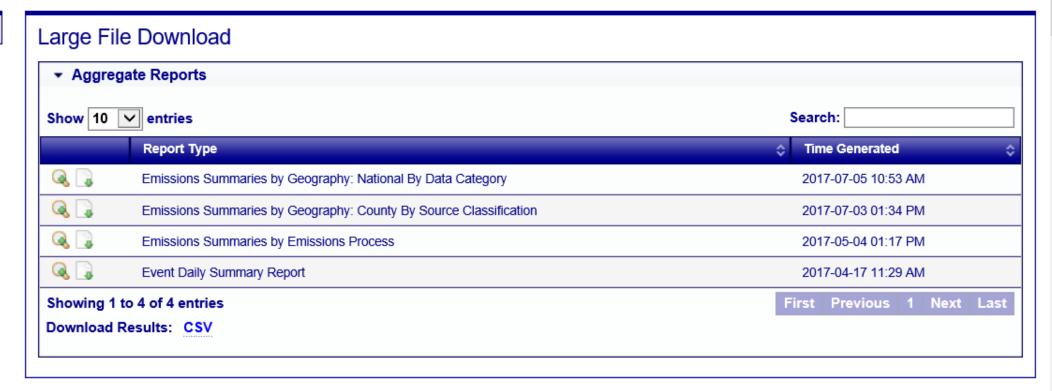


### EIS Gateway

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

#### VIEW/ADD/EDIT

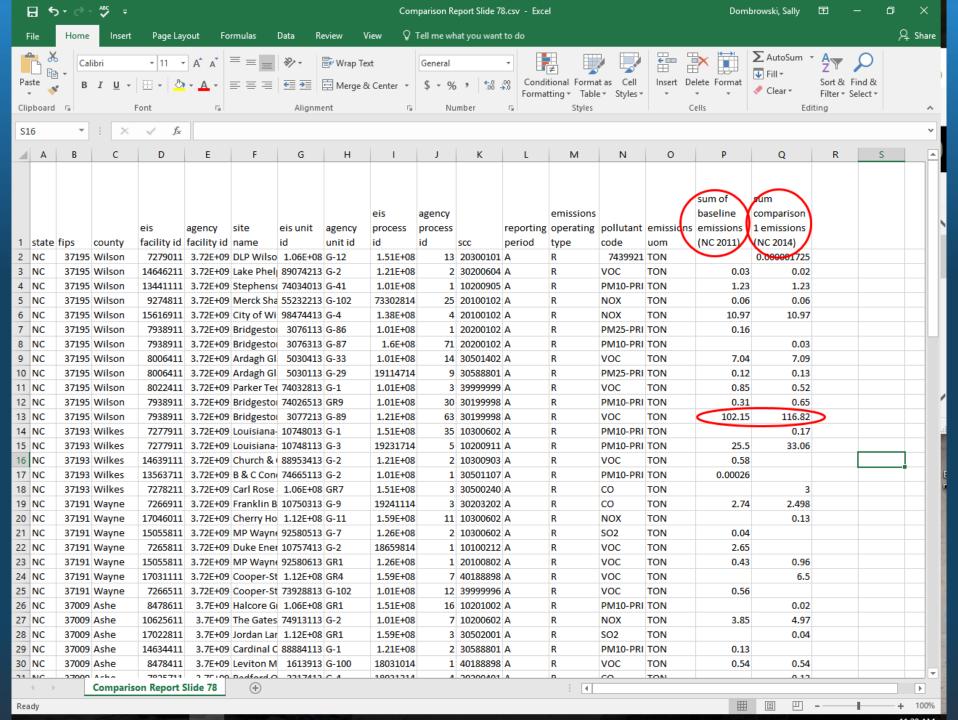
- » Facility Inventory and Point Emissions
- » Potential Duplicate **Facilities**
- » Merge Processes
- » Nonpoint/ Onroad/ Nonroad Emissions
- » Event Emissions
- » NCD Activity Data
- » CDB Activity Data
- » Inventory Selection
- » Schedule Augmentation
- » Data Tagging



A Committee



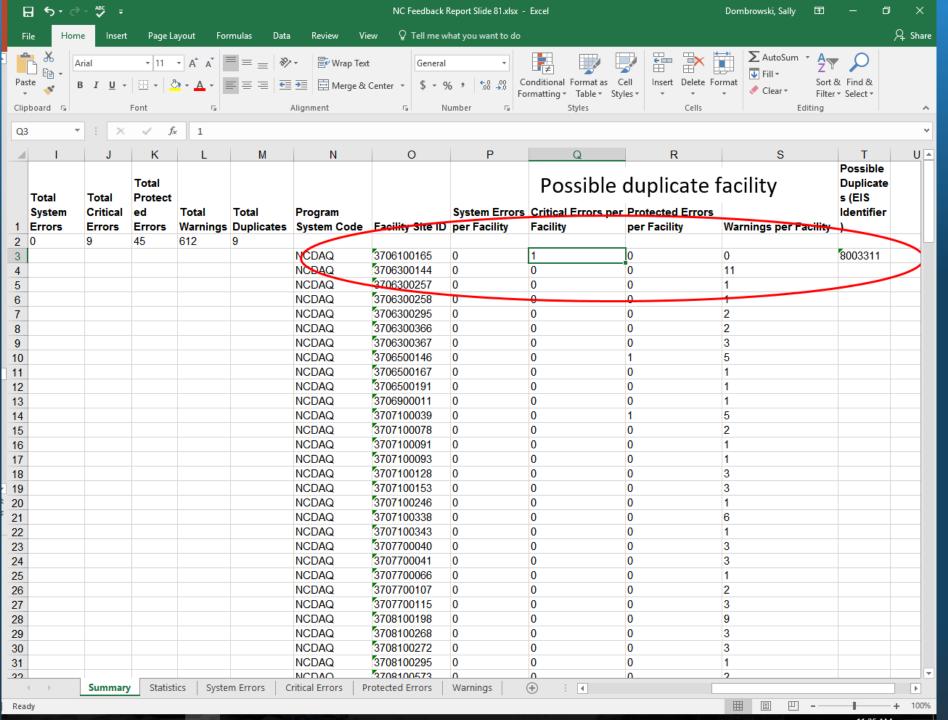




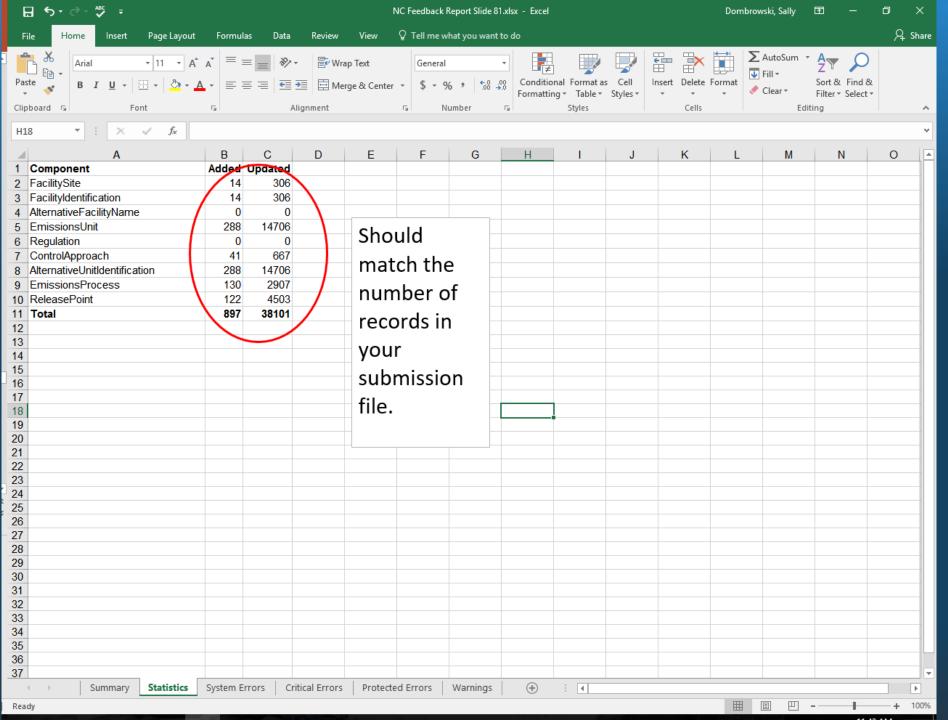




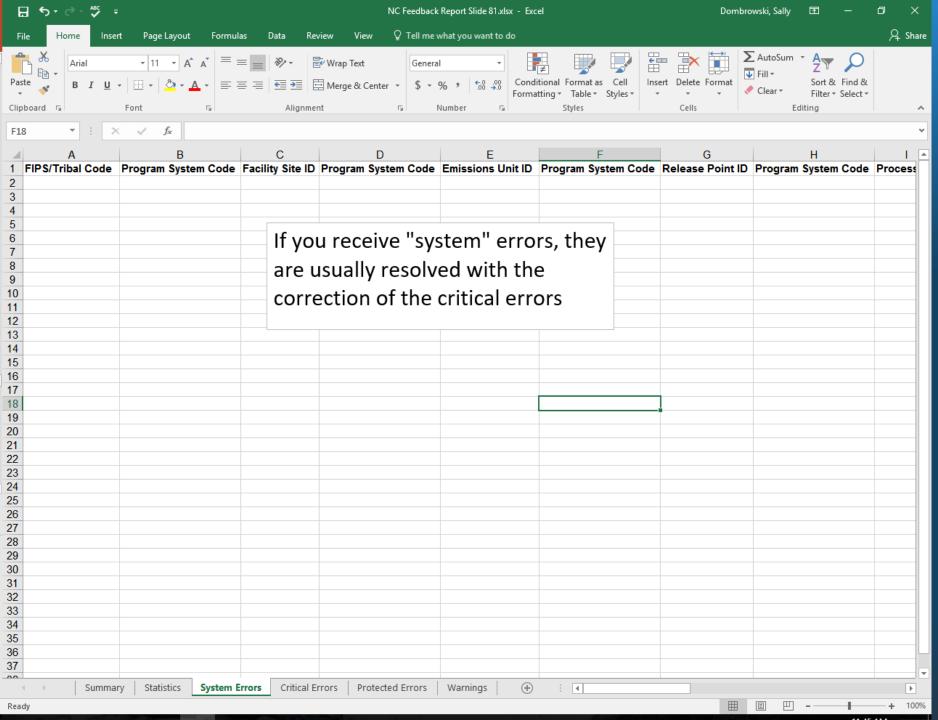
## Feedback Report



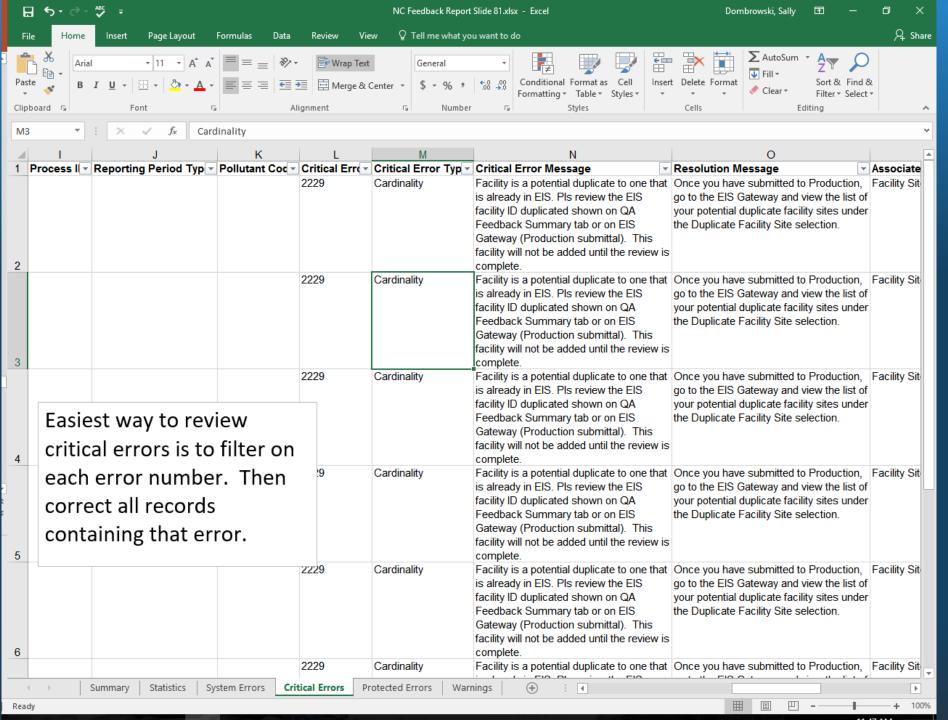




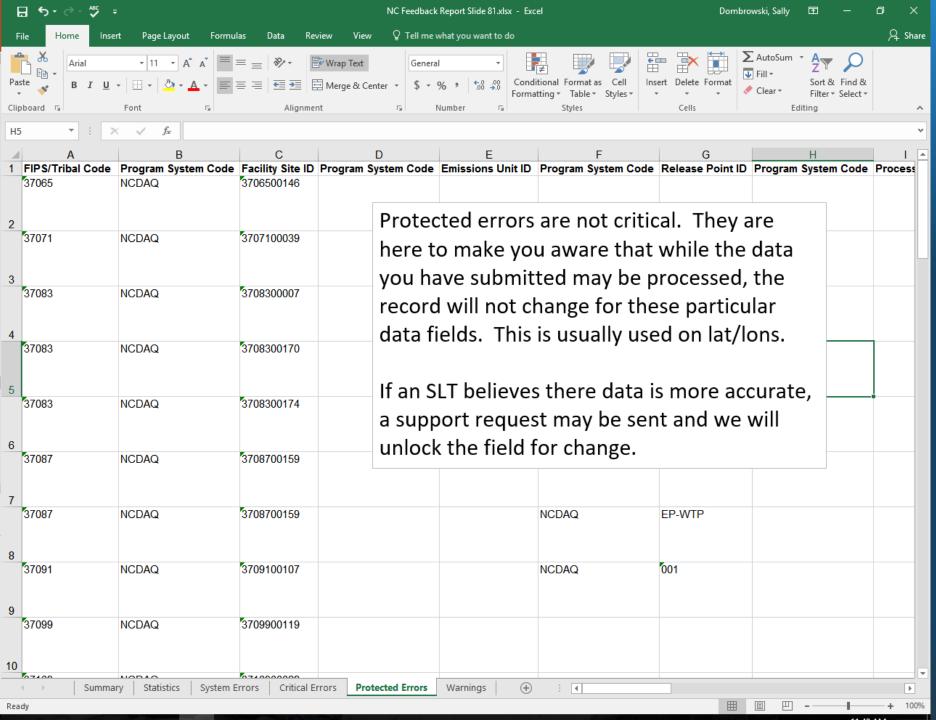




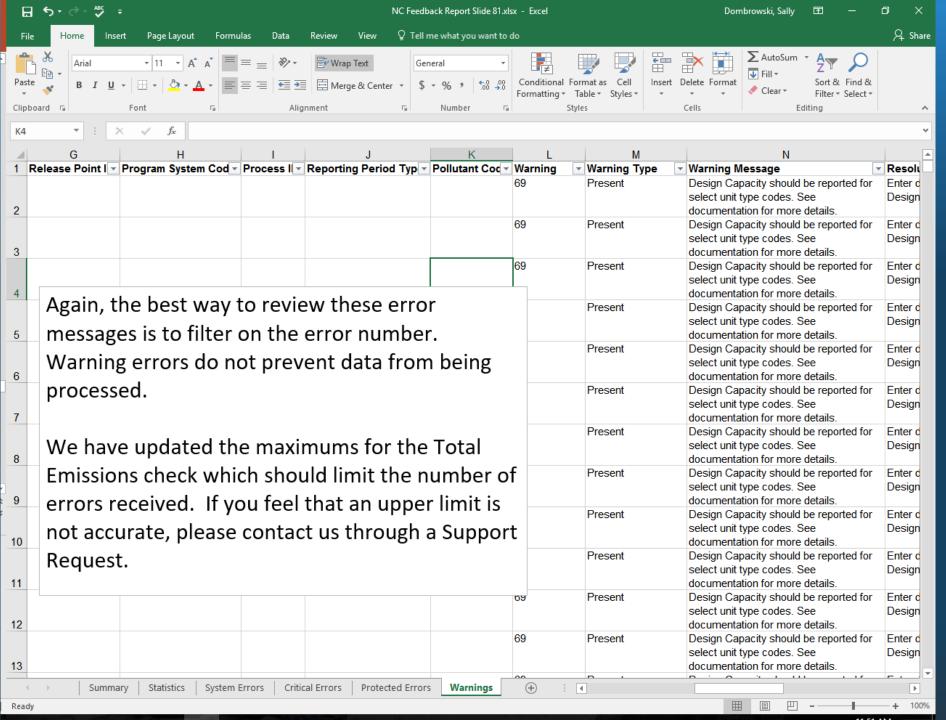










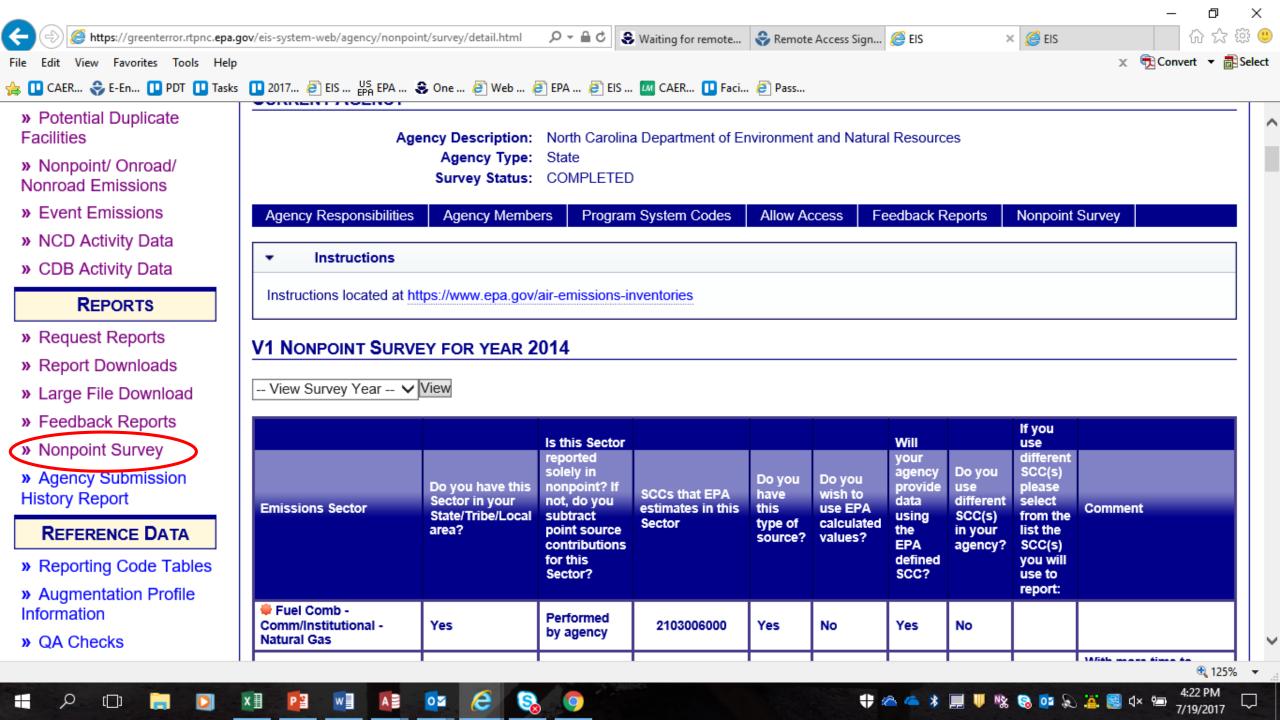


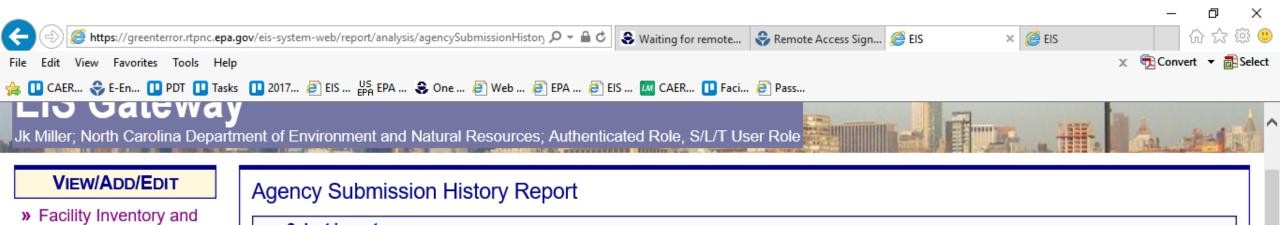




### Agency Submission History Report







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

#### REPORTS

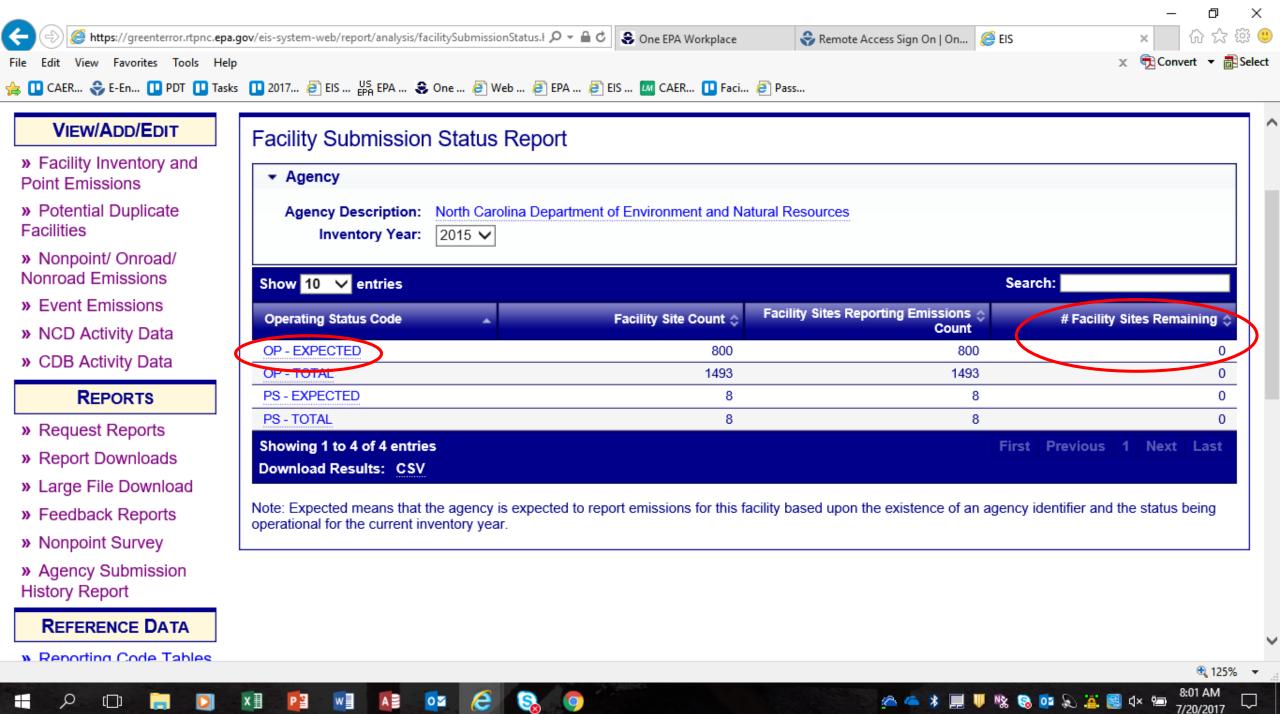
- » Request Reports
- » Report Downloads
- » Large File Download
- » Feedback Reports
- » Nonpoint Survey
- » Agency Submission History Report

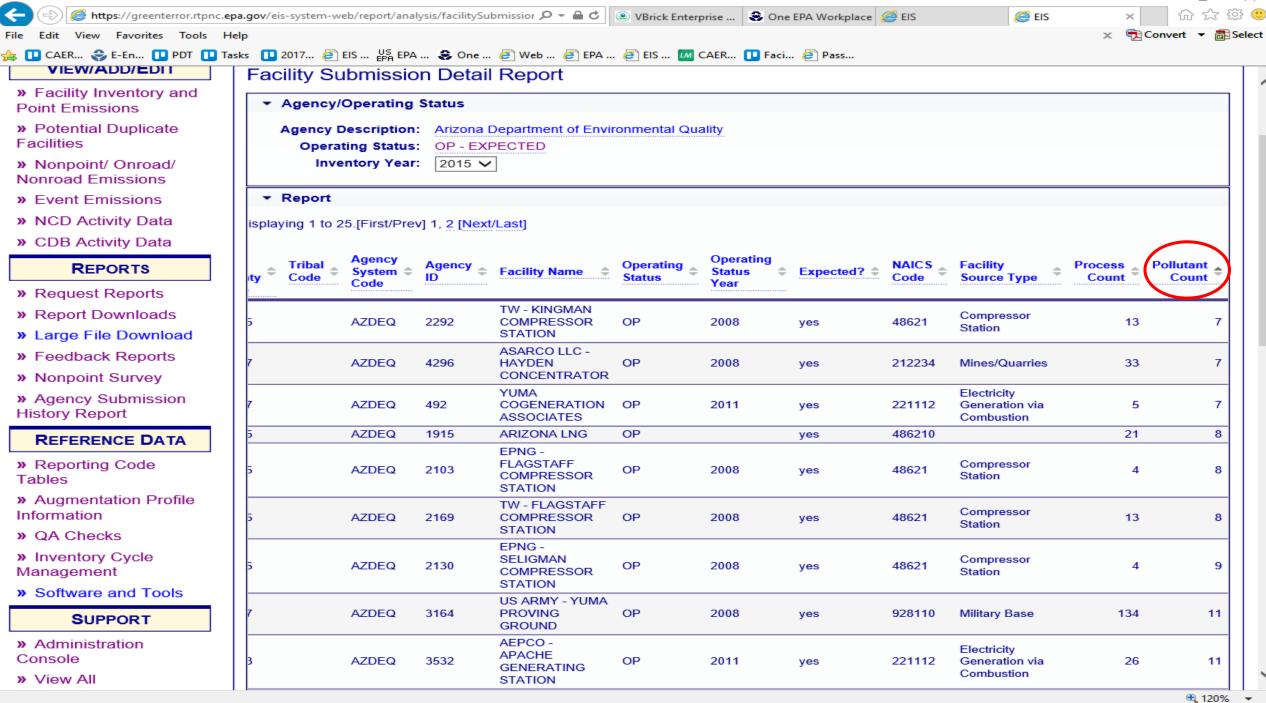






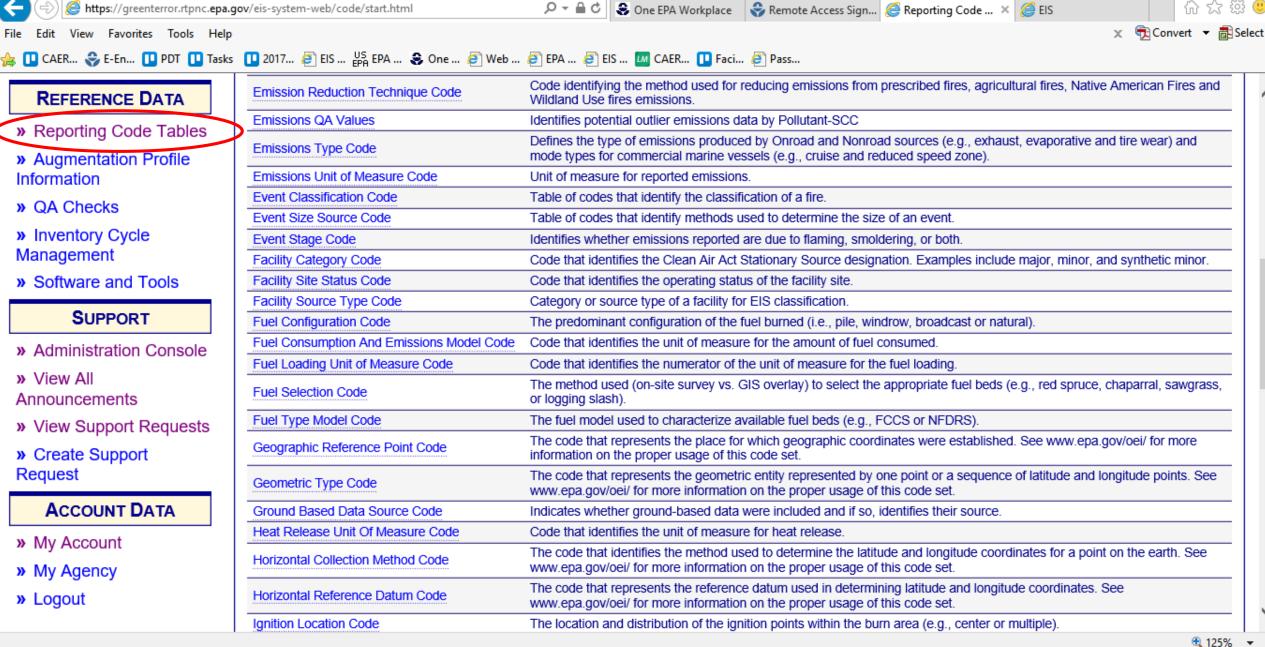








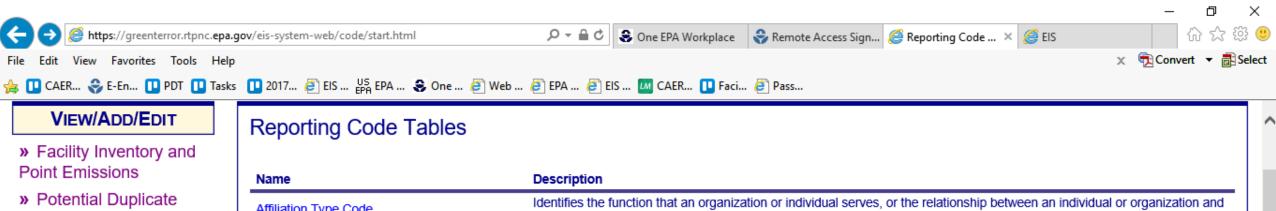
### Reference Data







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Facilities	Animation Type Code	the facility site. Examples include: Internal Reviewer, Lead Verifier, Verifying Body.
» Nonpoint/ Onroad/ Nonroad Emissions	Aircraft Engine Type Code	Code that identifies the aircraft engine type.
	Amount of Fuel Consumed Unit of Measure Code	Code that identifies the unit of measure for the amount of fuel consumed.

- » Event Emissions Area within Perimeter Unit of Measure Code Code that identifies the unit of measure for the area within the event perimeter.
- Area within Shape Unit of Measure Code Code that identifies the unit of measure for the area within the shape file. » NCD Activity Data
- Attachment File Content Type Code A code describing the content type of a file.
- » CDB Activity Data Calculation Material Code Code for material or fuel processed.

Calculation Parameter Type Code

- REPORTS throughput).
- Calculation Parameter Unit of Measure Code Code for the unit of measure for calculation parameter value. » Request Reports
- Code that identifies the piece of equipment or practice that is used to reduce one or more pollutants. Control Measure Code » Report Downloads
- The code that represents the party responsible for providing the latitude and longitude coordinates. See www.epa.gov/oei/ Coordinate Data Source Code for more information on the proper usage of this code set. » Large File Download
- **Emission Calculation Method Code** Code that defines the method used to calculate emissions.
- » Feedback Reports Emission Factor Denominator Unit of Measure The denominator for the unit of measure of the reported emission factor.
- Code » Nonpoint Survey
- **Emission Factor Numerator Unit of Measure** The numerator for the unit of measure of the reported emission factor. » Agency Submission Code
- History Report Emission Operating Type Code Table of codes that identify the operating state for the emissions being reported.
  - Code identifying the method used for reducing emissions from prescribed fires, agricultural fires, Native American Fires and Emission Reduction Technique Code REFERENCE DATA
- **Emissions QA Values** Identifies potential outlier emissions data by Pollutant-SCC
- » Reporting Code Tables Defines the type of emissions produced by Oproad and Nonroad sources (e.g., exhaust, evaporative and tire wear) and

Wildland Use fires emissions



























Code indicating whether the material measured is an input to the process, an output of the process or a static count (not a







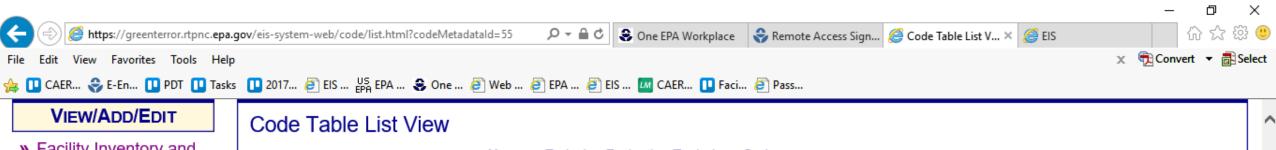








€ 125% ▼



- » 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

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.

37 items found, displaying all items.

Emission Reduction Technique Code 💠	Description
1	Reduce Area Burned - Burn Concentrations (ABC)
10	Reduce Fuel Load - Ungulates (LUG)
11	Reduce Fuel Load - Incorporation into Soil (LIS)
12	Reduce Fuel Production - Chemical Treatments (PCT)
13	Reduce Fuel Production - Site Conversion (PSC)
14	Reduce Fuel Production - Land Use Change (PLU)
15	Reduce Fuel Consumed - High Moisture in Large Woody Fuels (CHM)
16	Reduce Fuel Consumed - Moist litter and/or duff (CMD)
17	Reduce Fuel Consumed - Burn Before Precipitation (CBP)
18	Reduce Fuel Consumed - Burn Before Large Fuel Cures (CGL)
19	Reduce Fuel Consumed - Burn When Green (CGA)
2	Reduce Area Burned - Isolate Fuels (AIF)
20	Burn Before New Fuels Appear - Before Litter Fall (BLF)
21	Burn Before New Fuels Appear - Before Green-up (BGU)
22	Increase Combustion Efficiency - Burn Piles or Windrows (EPW)
23	Increase Combustion Efficiency - Backing Fires (EBF)
24	Increase Combustion Efficiency - Dry Conditions (EDC)
25	Increase Combustion Efficiency - Rapid Mop-up (EMU)

































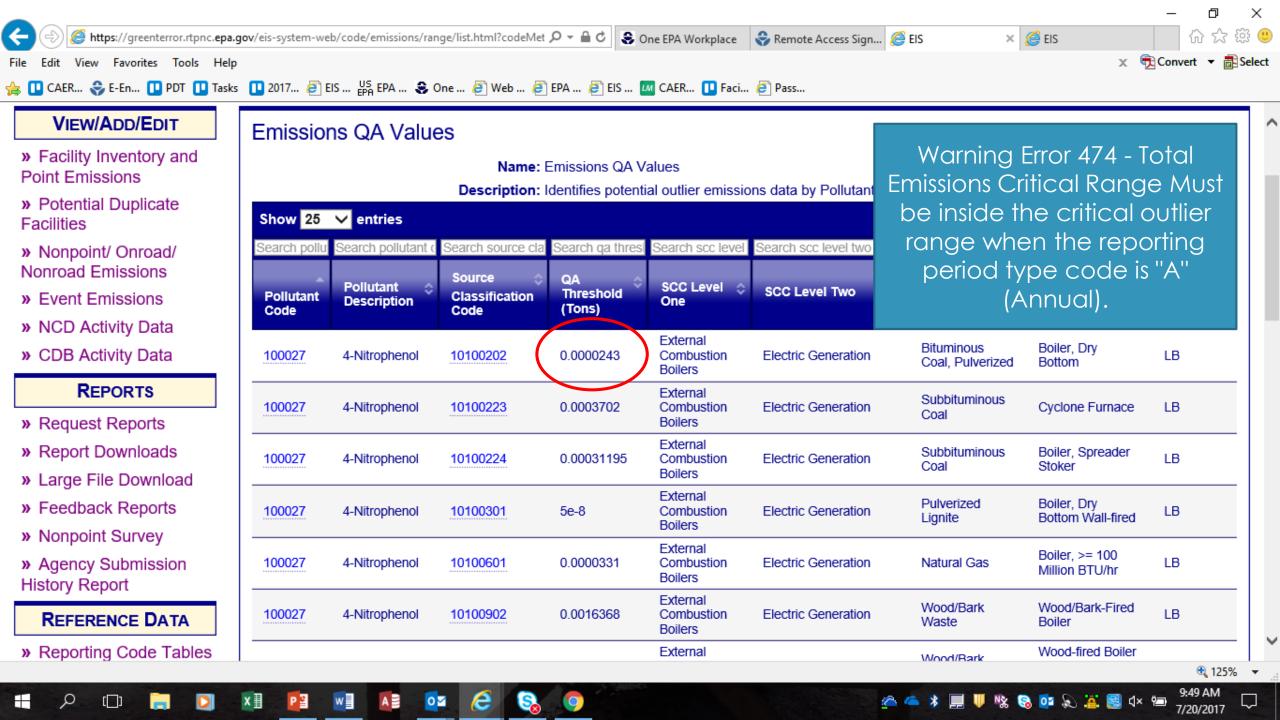


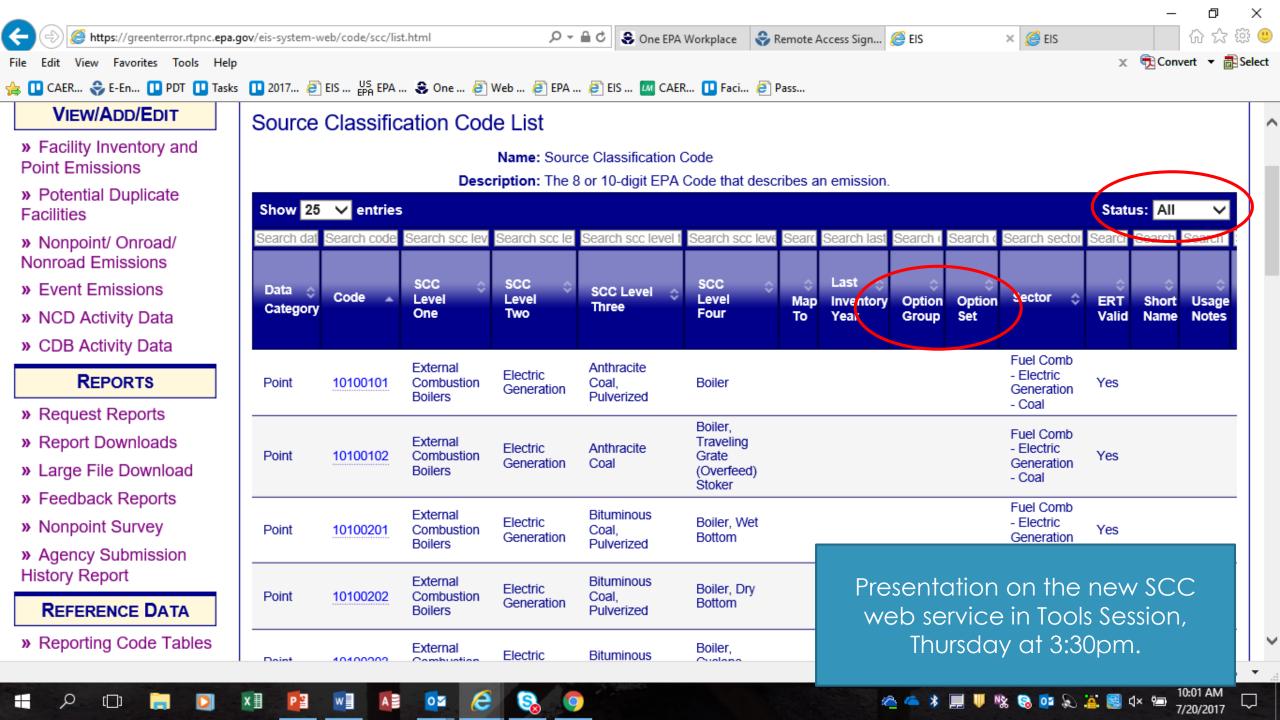


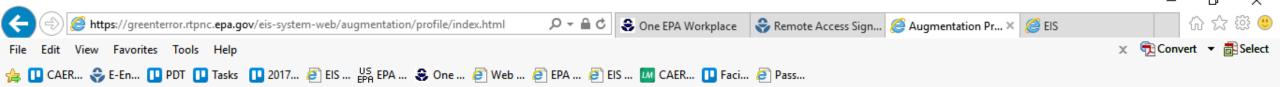












- » Facility Inventory and Point Emissions
- » Potential Duplicate Facilities
- » Nonpoint/ Onroad/ Nonroad Emissions
- » Event Emissions
- » NCD Activity Data
- » CDB Activity Data

### REPORTS

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

## REFERENCE DATA

» Reporting Code Tables

Augmentation Profile nformation

## **About Augmentation**

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

## Types of Augmentation

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

## Augmentation Approach

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

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

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





































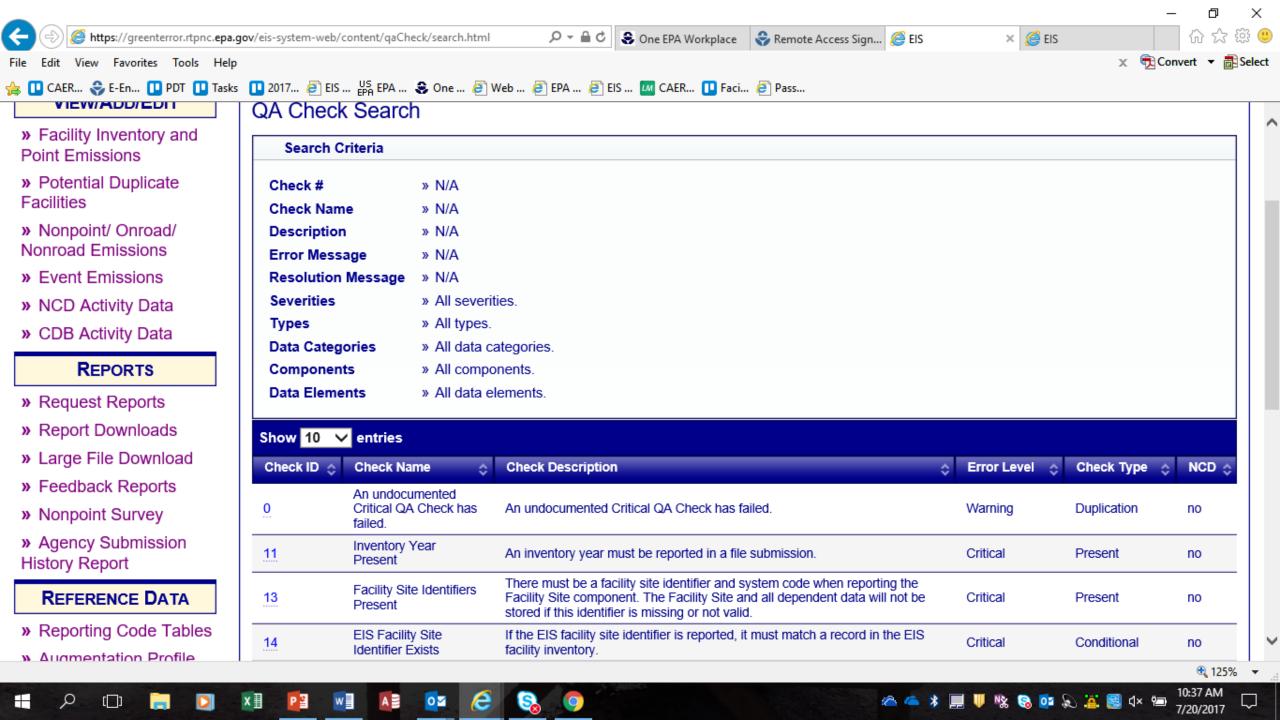


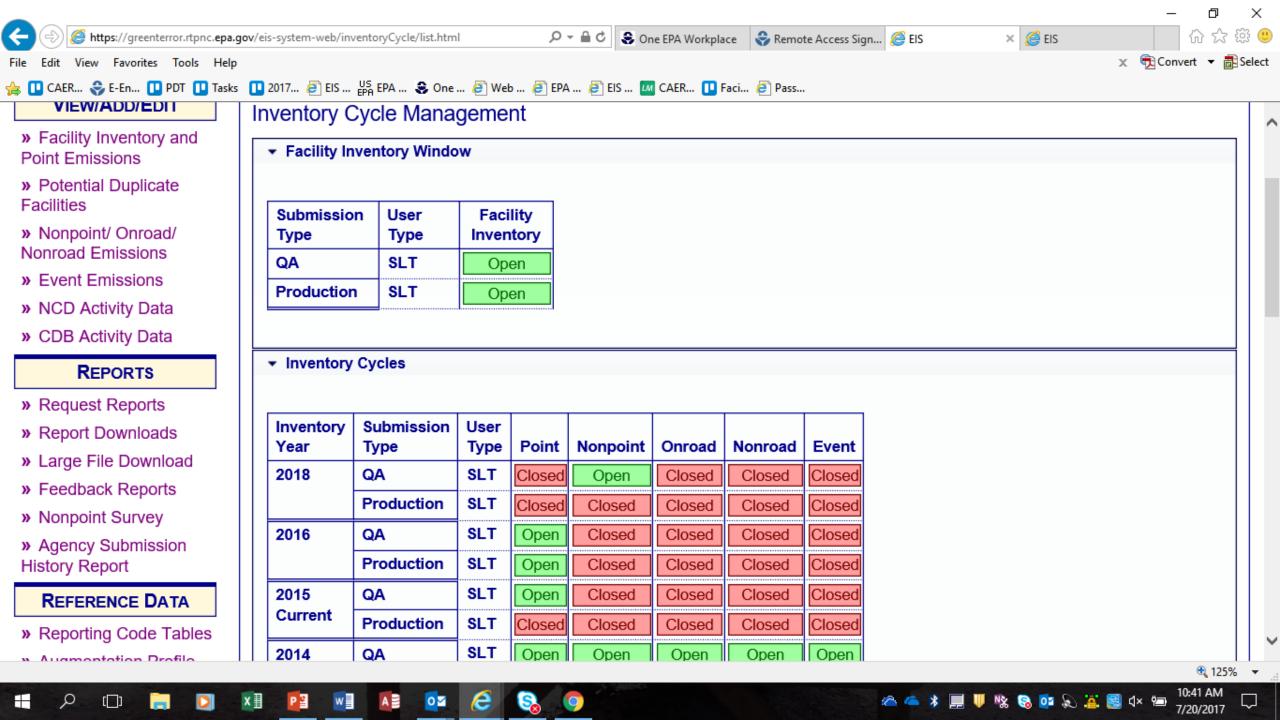














# Support



Administration Canada

Why is it taking my submission so long to process?

## 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

## **Under Support**

» Data Tagging Administration Report

▼ Submission Queue							
Show 25 entries							Search:
Priority _	Submitted At	\$	Submitted By \$	Transaction ID \$	Data \$ Category	Submission \$ Type	Comment
1	2017-08-11 10:00 AM		Latrice.Bradford@tceq.texas.gov	_a49c9284-0973-440c- 8e79-9041efbb6bb5	Nonpoint	QA	TCEQ created asphalt paving and ICI combustion emissions inventory 8/8/17 for reflection in the 2014 NEI V2.
2	2017-08-11 10:09 AM		tao.zeng@dnr.ga.gov	_a3181a1e-b569-4838- b3c5-8b7ec126a2bd	Nonpoint	QA	
Showing 1 to Download Re	2 of 2 entries esults: CSV						First Previous 1 Next Last



Please be careful when specifying multiple geographic items in the report filtering. If you happen to choose two geographic areas that overlap one another (say you choose "Region 5" and "Illinois") the software will double the results that you get from the overlapped areas (Illinois would show 2x the emissions in my example). We are working to correct this, but please try to avoid these overlapping geographies in your report filtering.

POSTED BY JONATHAN MILLER ON 2017-03-08 07:59 AM

## Reports Issues

We are continuing to look for ways of improving the performance and consistency of the report generation process. Over the past couple of weeks, several users have noted issues with the results of some of the reports. Given the extensive changes that have been made to the reports module, please carefully review the contents of your results to ensure that they look accurate (or at least reasonable). The following issues have been observed and resolved with the reports (please note that these will affect reports generated between January 17 - February 10, 2017): • OnRoad, NonRoad, and NonPoint data was misallocated to wrong SCCs and / or locations. This applied to the 2008, 2011, and 2014 NEI data sets. This issue was resolved on February 8. • Event data did not appear in any of the Geographic aggregate reports for the 2008, 2011, and 2014 NEI data sets. This issue was resolved on February 14. • The Facility Emissions Process report for any data set was only reporting records where regul (more)

POSTED BY JONATHAN MILLER ON 2017-02-17 03:26 PM

## Facility Inventory Submissions Window Open

The issue that caused us to close the Facility Inventory window has been resolved. EIS is once again receiving Facility Inventory submissions.

POSTED BY JONATHAN MILLER ON 2017-02-10 12:57 PM

## 2014 Nonpoint, OnRoad, and NonRoad Submission Windows REOPENED

The issue that caused us to close down the 2014 submission windows for Non-Point, OnRoad, and NonRoad emissions has been resolved. The windows are now open for submissions

## SUPPORT

» Software and Tools

- » Administration Console
- » View All Announcements

Information

» QA Checks

Management

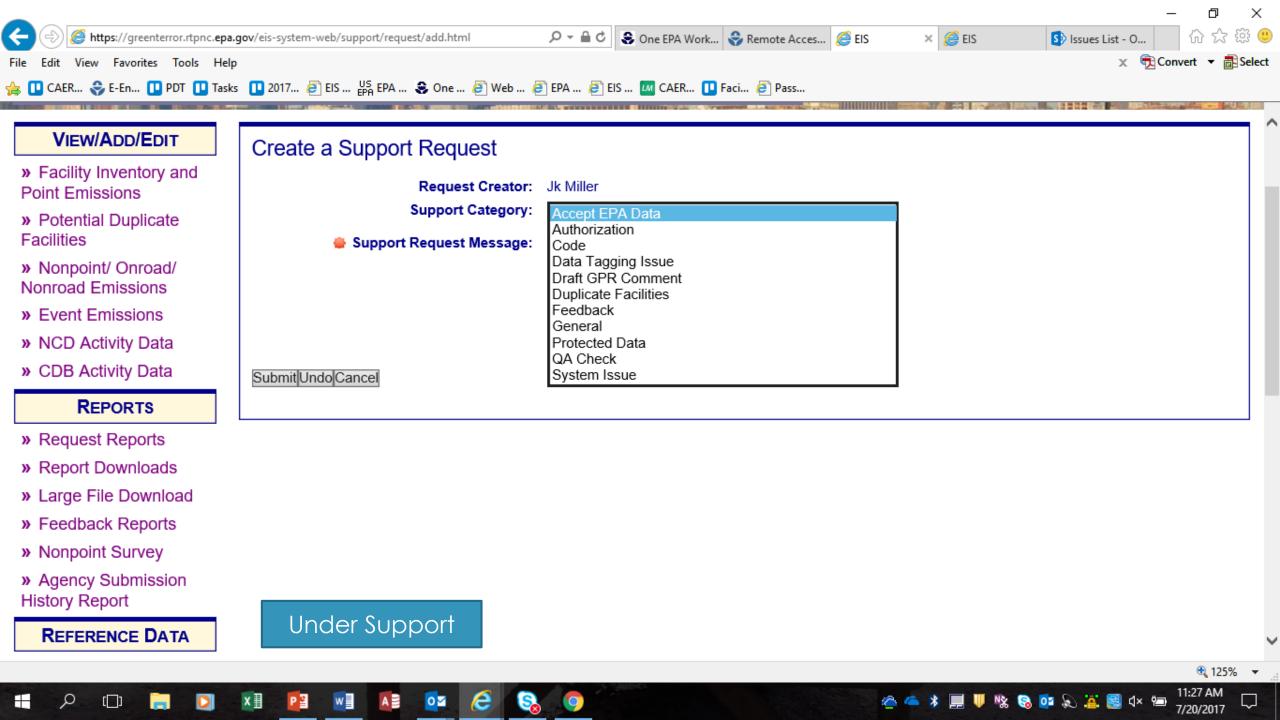
» Inventory Cycle

- » View Support Requests
- » Create Support Request

## **ACCOUNT DATA**

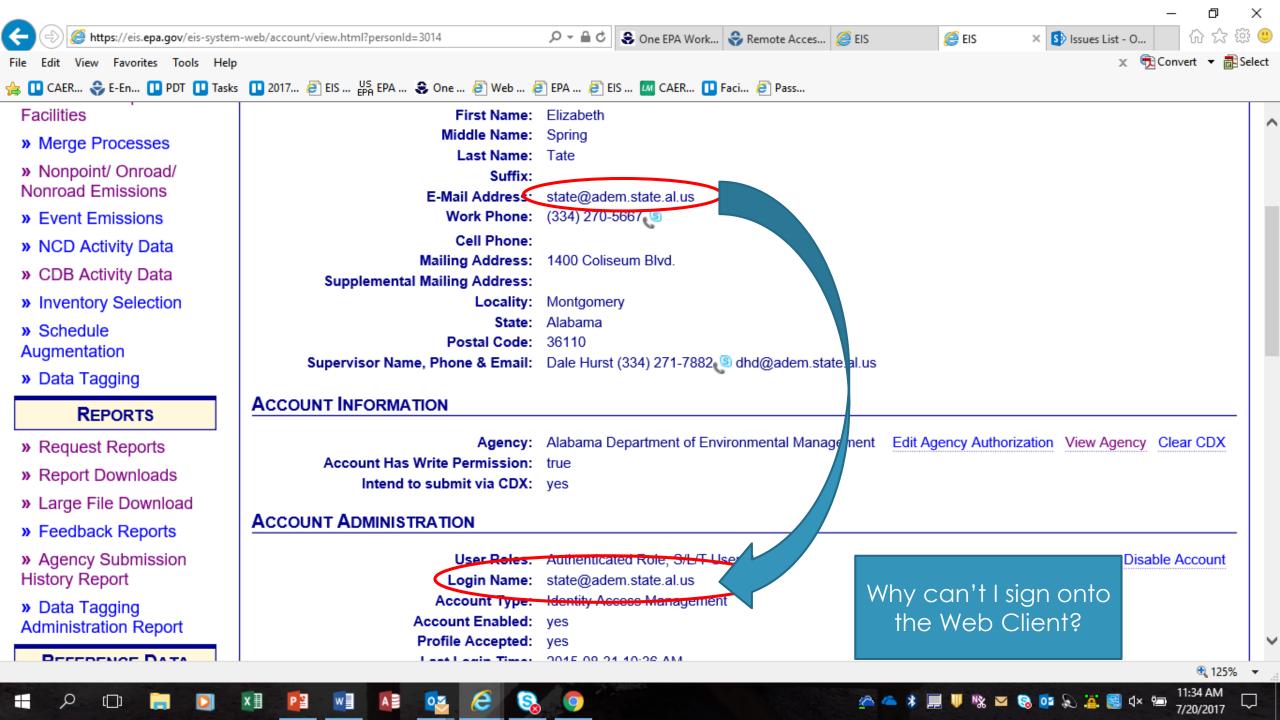
- » My Account
- » My Agency
- » Logout

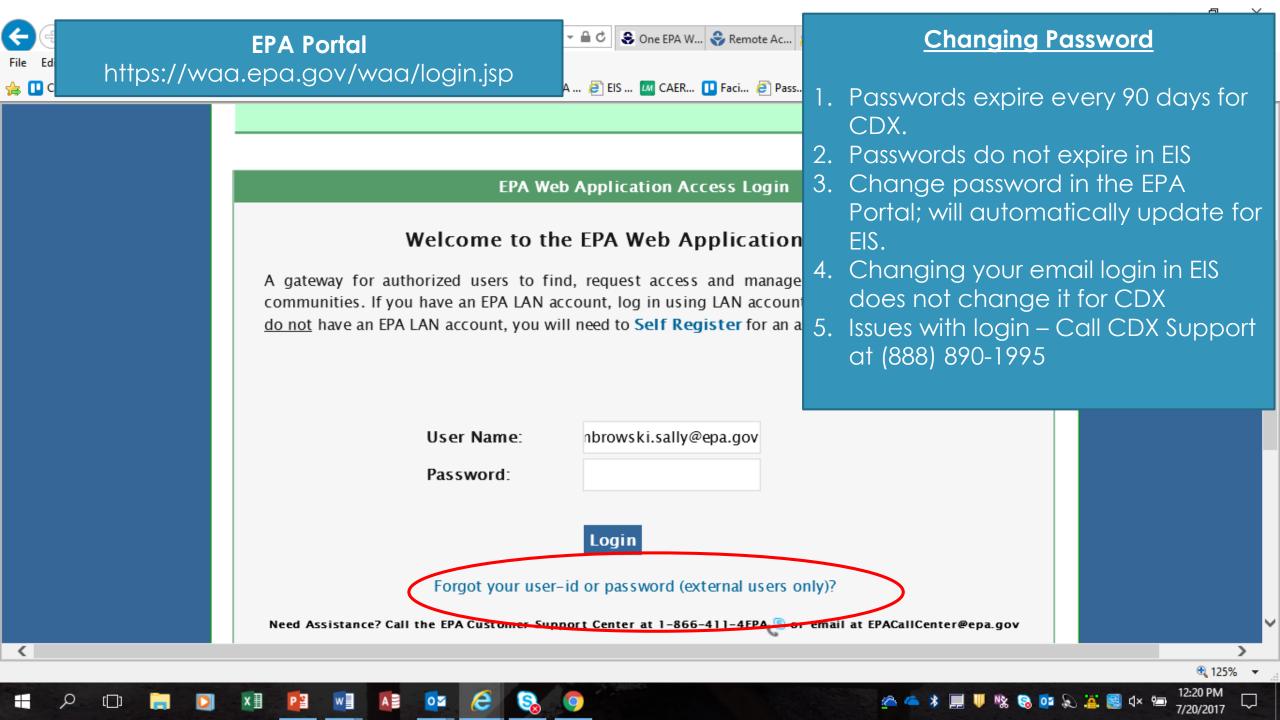
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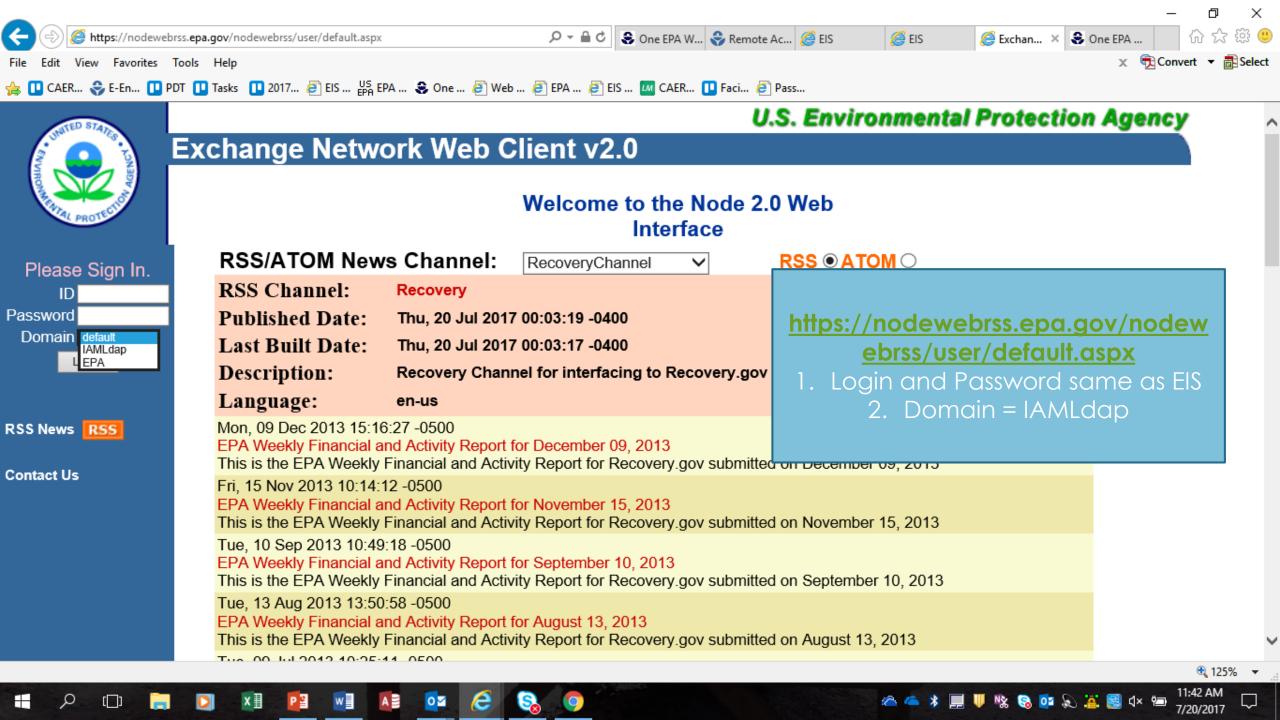
## Credentials

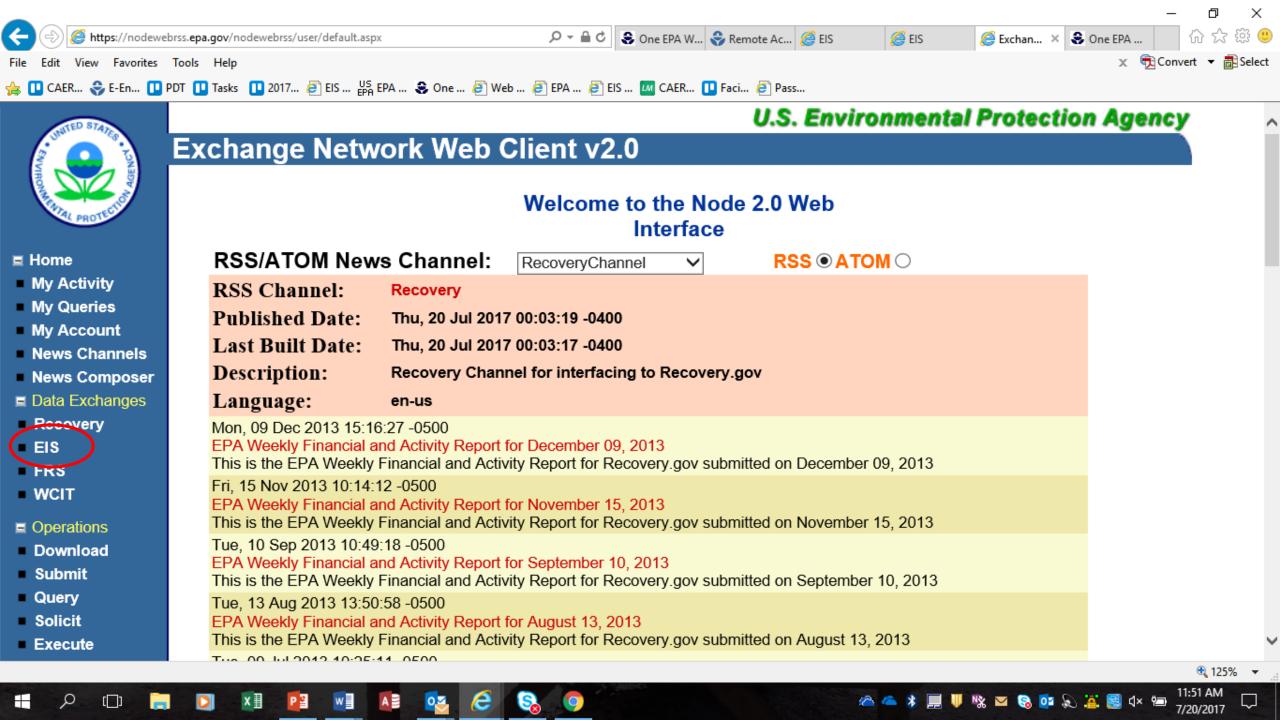


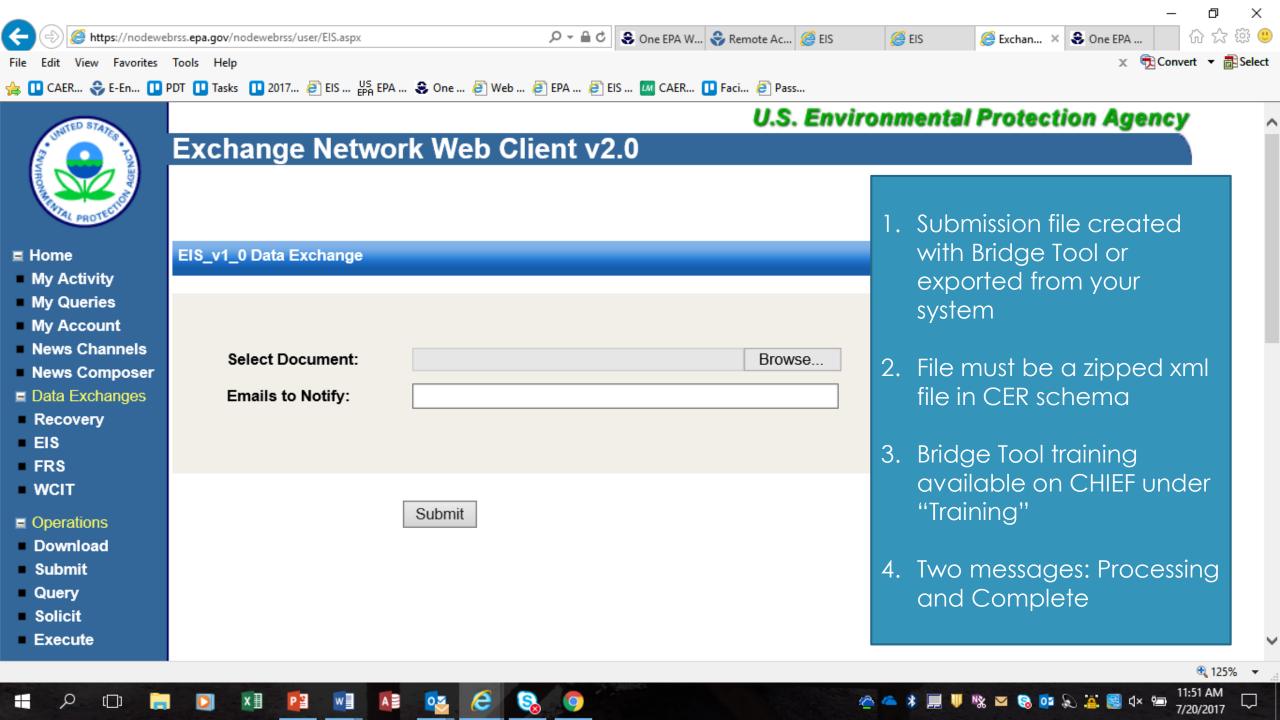




# Exchange Web Client (CDX)







## Training Webinars



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

- Facility Inventories
- Point Inventories
- Nonpoint (will be updated after conference)
- Onroad
- Nonroad
- Events
- Bridge Tool
- Reports (will be updated after conference)
- Data Tagging
- HAP Augmentation and Chromium Speciation
- PM and TRI Augmentation





- Collaborative effort between SL air agencies and EPA
- Focus on point sources under four major air reporting programs (NEI, TRI, GHGRP and CEDRI)
- Focus on Emissions Reporting Only.
- Looking at process improvements first, not regulations
- Attend session CAER Wednesday AM and Poster Thursday evening.