

US EPA ARCHIVE DOCUMENT

# Onroad Input and Emissions Submittals

Laurel Driver  
July 10, 2012



# EIS vs 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 store multiple emissions values for the same unit/process
  - Can store annual, monthly, daily data (e.g., fires, events)
  - Data available via a password-protected web site
    - EIS Gateway <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



# S/L/T Reporting Requirement

- Air Emissions Reporting Rule (AERR)  
<http://www.epa.gov/ttn/chief/aerr/>
  - Complete criteria pollutant inventory every 3 years
    - All point sources (100 tpy potential to emit threshold)
    - Nonpoint Sources
    - **Onroad** and Nonroad sources
    - Events (wildfires and prescribed fires)
    - 2011 Emissions due 12/31/2012, EIS window opens 6/1/2012
  - Annual reporting for type A point source facilities
    - SO<sub>2</sub>, NO<sub>x</sub>, CO with potential to emit  $\geq 2,500$  tpy
    - VOC, PM, NH<sub>3</sub> with potential to emit  $\geq 250$  tpy
    - Pb with potential to emit  $\geq 5$  tpy (to be amended to agree with Lead NAAQS level of  $\geq 0.5$  tpy)
  - HAPs are submitted voluntarily by many S/L/Ts and are encouraged as part of an integrated report



# 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



# Components of the EIS

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



# Onroad Submissions

- Emissions in NEI must be from an EPA-approved model
  - MOVES
  - EMFAC (California)
- EPA strongly encourages submittals of MOVES County Database (CDB) tables rather than emissions
- Tribes and CA should submit emissions



# Why Inputs?

- EPA prefers to receive activity data instead of emissions as they allow for more in-depth analysis and consistent, integrated emissions in the NEI. If you do not submit onroad input data, EPA will generate emission estimates using national defaults.
- EPA will provide a set of default onroad inputs for agencies to review/ customize as desired
- Agencies may accept EPA defaults in lieu of submittals by sending a “support request” to EIS that states this.
- To the extent resources allow, EPA will assist agencies to build their submittals.



# Support Request

The screenshot displays the EIS system web interface in Internet Explorer. The browser address bar shows the URL <https://eis.epa.gov/eis-system-web/support/request/add.html>. The page title is "Create a Support Request".

The main content area contains the following form fields:

- Request Creator:** Laurel Driver
- Support Category:** Accept EPA Data (circled in red)
- Support Request Message:** (Empty text area)

At the bottom of the form are three buttons: **Submit**, **Undo**, and **Cancel**.

The left sidebar contains the following navigation sections:

- 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
  - » EIS Bridge
- SUPPORT**
  - » Administration Console
  - » View All Announcements
  - » View Support Requests
  - » Create Support Request (circled in red)

The status bar at the bottom indicates "Local intranet" and "100%".



# Summary of County Database (CDB) Submittal Steps

- Review instructions on the 2011 NEI web page
- Pick up your draft default CDBs from EIS
- Compile ONLY county CDBs with improvements
- Repeatedly run QA script and address errors that are found until there are no errors
- Submit:
  - 1. QA tool report
  - 2. Checklist
  - 3. Documentation
  - 4. CDB folders for each county CDB
- EACH SUBMITTAL IS A COMPLETE REPLACEMENT OF PREVIOUS SUBMITTALS!
  - Thus an agency's final submittal must include all counties they wish to submit

# Pick up your draft default CDBs

The screenshot shows the EIS Gateway web application in Internet Explorer. The page title is "2011 CDB Data". The left sidebar contains a navigation menu with the following sections:

- VIEW/ADD/EDIT**
  - Facility Inventory and Point Emissions
  - Potential Duplicate Facilities
  - Merge Processes
  - Nonpoint/ Onroad/ Nonroad Emissions
  - Event Emissions
  - CDB Activity Data** (circled in red)
  - 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
  - EIS Bridge
- SUPPORT**
  - Administration Console

The main content area shows the "2011 CDB Data" section with two tabs: "EPA Default" (circled in red) and "Agency". Below the tabs is the heading "2011 EPA DEFAULT CDB DATA SETS" and a table of data sets for various states.

State	Submitted	File Size (KB)		
Alabama	2012-06-27 10:37 AM	52,261	<a href="#">Download State CDB Data Set</a>	<a href="#">View Submission History</a>
Alaska	2012-06-27 10:37 AM	23,423	<a href="#">Download State CDB Data Set</a>	<a href="#">View Submission History</a>
Arizona	2012-06-27 10:37 AM	11,707	<a href="#">Download State CDB Data Set</a>	<a href="#">View Submission History</a>
Arkansas	2012-06-27 10:37 AM	58,494	<a href="#">Download State CDB Data Set</a>	<a href="#">View Submission History</a>
California	2012-06-27 10:37 AM	132,885	<a href="#">Download State CDB Data Set</a>	<a href="#">View Submission History</a>
Colorado	2012-06-27 10:37 AM	49,942	<a href="#">Download State CDB Data Set</a>	<a href="#">View Submission History</a>
Connecticut	2012-06-27 10:37 AM	13,533	<a href="#">Download State CDB Data Set</a>	<a href="#">View Submission History</a>
Delaware	2012-06-27 10:37 AM	4,116	<a href="#">Download State CDB Data Set</a>	<a href="#">View Submission History</a>
District of Columbia	2012-06-27 10:37 AM	799	<a href="#">Download State CDB Data Set</a>	<a href="#">View Submission History</a>
Florida	2012-06-27 10:37 AM	50,129	<a href="#">Download State CDB Data Set</a>	<a href="#">View Submission History</a>
Georgia	2012-06-27 10:37 AM	124,014	<a href="#">Download State CDB Data Set</a>	<a href="#">View Submission History</a>
Hawaii	2012-06-27 10:37 AM	3,894	<a href="#">Download State CDB Data Set</a>	<a href="#">View Submission History</a>
Idaho	2012-06-27 10:37 AM	34,331	<a href="#">Download State CDB Data Set</a>	<a href="#">View Submission History</a>
Illinois	2012-06-27 10:37 AM	79,614	<a href="#">Download State CDB Data Set</a>	<a href="#">View Submission History</a>
Indiana	2012-06-27 10:37 AM	71,777	<a href="#">Download State CDB Data Set</a>	<a href="#">View Submission History</a>
Iowa	2012-06-27 10:37 AM	65,736	<a href="#">Download State CDB Data Set</a>	<a href="#">View Submission History</a>
Kansas	2012-06-27 10:37 AM	81,873	<a href="#">Download State CDB Data Set</a>	<a href="#">View Submission History</a>
Kentucky	2012-06-27 10:37 AM	93,597	<a href="#">Download State CDB Data Set</a>	<a href="#">View Submission History</a>
Louisiana	2012-06-27 10:37 AM	49,967	<a href="#">Download State CDB Data Set</a>	<a href="#">View Submission History</a>
Maine	2012-06-27 10:37 AM	33,812	<a href="#">Download State CDB Data Set</a>	<a href="#">View Submission History</a>
Maryland	2012-06-27 10:37 AM	34,946	<a href="#">Download State CDB Data Set</a>	<a href="#">View Submission History</a>
Massachusetts	2012-06-27 10:37 AM	31,085	<a href="#">Download State CDB Data Set</a>	<a href="#">View Submission History</a>
Michigan	2012-06-27 10:37 AM	64,716	<a href="#">Download State CDB Data Set</a>	<a href="#">View Submission History</a>
Minnesota	2012-06-27 10:37 AM	67,898	<a href="#">Download State CDB Data Set</a>	<a href="#">View Submission History</a>
Mississippi	2012-06-27 10:37 AM	63,945	<a href="#">Download State CDB Data Set</a>	<a href="#">View Submission History</a>
Missouri	2012-06-27 10:37 AM	89,718	<a href="#">Download State CDB Data Set</a>	<a href="#">View Submission History</a>
Montana	2012-06-27 10:37 AM	43,674	<a href="#">Download State CDB Data Set</a>	<a href="#">View Submission History</a>

# Update Inputs

## Compile ONLY CDBs for Counties with improvements

Table Name	Description
countyyear	Stage 2 program description
emissionratebyage	Alternate California standards
sccroadtypedistribution	Distribution of SCC vehicle classes to SCC road types
auditlog	Log of changes to the county database
avft	Alternate diesel sales fractions
avgspeeddistribution	Average speed distributions
county	County description
dayvmtfraction	Distribution of VMT to day types
fuelformulation	Description of fuels
fuelsupply	Market share of fuels by month
fuelsupplyyear	Year of fuel supply
hourvmtfraction	Distribution of VMT to hours of the day
hpmsvtypeyear	Annual VMT by HPMS vehicle class
imcoverage	Description of the I/M program
monthvmtfraction	Distribution of the VMT to months of the year
roadtype	Description of the road types
roadtypedistribution	Distribution of the VMT to road types
sourcetypeagedistribution	Distribution of vehicle population to vehicle age
sourcetypeyear	Vehicle populations
state	Description of the state
year	Year of evaluation
zone	Allocation of activity to zones
zonemonthhour	Temperature and humidity values
zoneroadtype	Allocation of vehicle operation to zones



# 1. QA Report

- **PSC\_QA\_Report.txt**
- QA tool is available for download on the 2011 NEI website. MySQL tool checks CDB in their native format
- Users can run the QA tool script on all CDBs for submittal
- The QA tool checks CDB format, naming convention, ranges, sums, etc in each CDB table
- The QA tool generates a report for inclusion with EIS submittal
- If the tool finds any errors, they must be corrected before EIS will accept them: EIS will reject any submittal with a QA report that indicates errors.





## 2. Check list

- **PSC**\_Checklist.xls (or xlsx)
- This checklist is available for download on the 2011 website
- The checklist indicates
  - Which tables in which counties contain updates to EPA defaults
  - For which counties agencies accept EPA defaults
- The checklist must be included in the EIS submittal

# Example of Checklist

Microsoft Excel

Home Insert Page Layout Formulas Data Review View

Clipboard Font Alignment Number Styles Cells Editing

AD19

2\_DEDNR\_Checklist.xlsx

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	County				Tables																										
2	stateid	statename	countyid	countyname	Accept EPA Default Values	auditlog	avft	avgspeddistribution	county	dayvmtfraction	fuelformulation	fuelsupply	fuelsupplyyear	hourvmtfraction	hpmsttypeyear	imcoverage	monthvmtfraction	roadtype	roadtypedistribution	sourceypeagedistribution	sourceypeyear	state	year	zone	zonemonthhour	zoneroadtype	countyear	emissionratebyage	sccroadtypedistribution		
3	10	DELAWARE	10001	Kent County	x																										
4	10	DELAWARE	10003	New Castle County						x			x	x	x	x			x	x				x		x					
5	10	DELAWARE	10005	Sussex County						x			x	x	x	x			x	x				x							
6																															
7																															
8																															

Ready

100%



# 3. Documentation

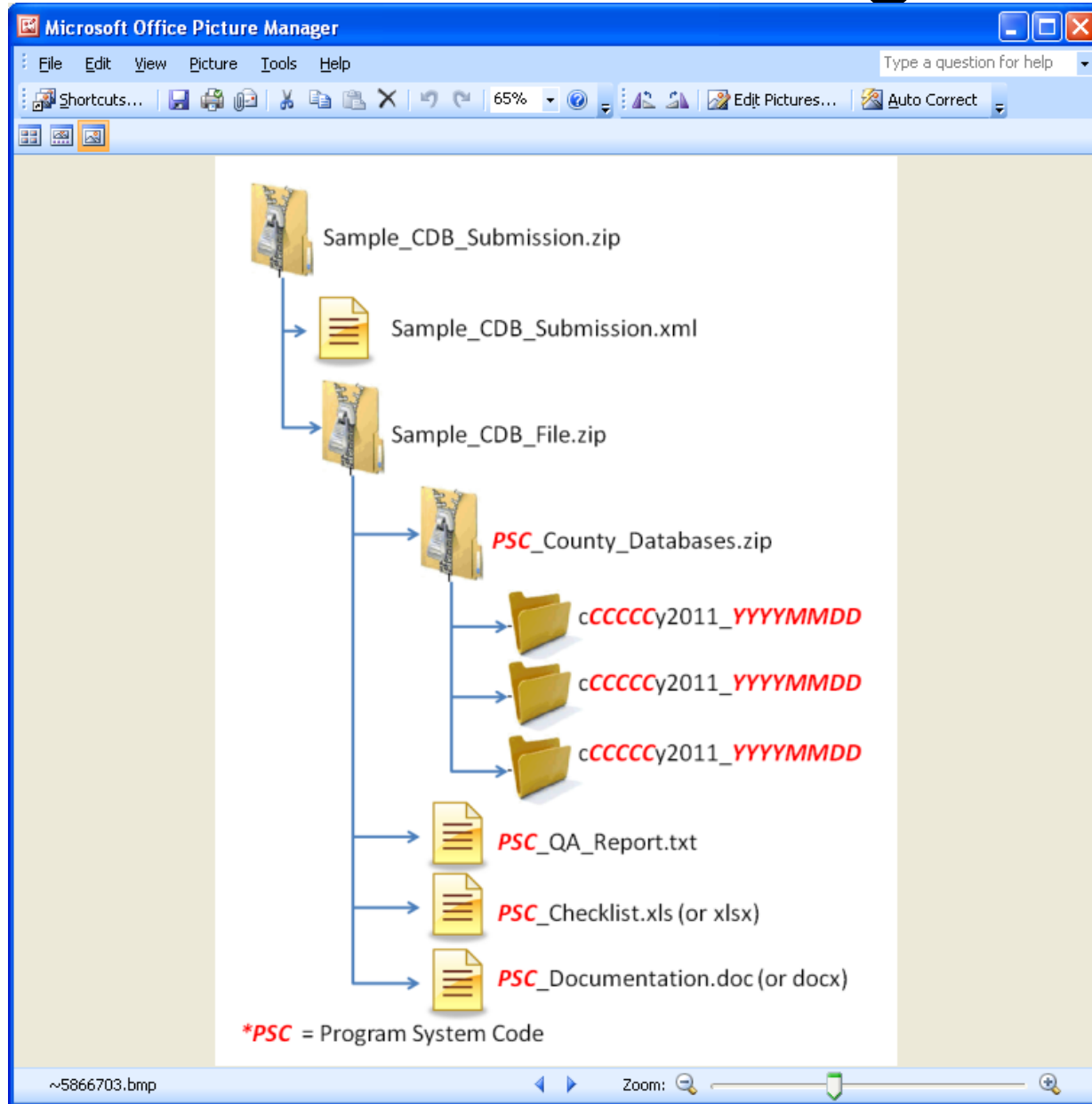
- **PSC**\_Documentation.doc (or docx)
- A word file that explains the source of SLT provided input data. A .doc or .docx file is required
- Additional supporting files of any format are optional (e.g., .pdf or .xls)



# 4. CDB Folders

- **PSC**\_County\_Database.zip
- Zipped file containing individual folders for each county's CDB, and labeled with a creation date in the name (example "c10001y2011\_20120601.")
- CDBs must include a minimum of the 24 tables listed in the summary checklist for each submitted county.
- The submitter does not need to submit CDBs for counties where he has no improvements over EPA defaults.
- There will be no representative county submittals.
- Format is the same MySQL files that MOVES uses.
- EACH CDB SUBMITTAL IS A COMPLETE REPLACEMENT OF PREVIOUS SUBMITTALS

# Submittal Package





# Creating XML HEADER

- 2 ways
  - Using staging tables
    - CERS and ExchangeHeader tables only -- currently under revision
  - Edit XML available from 2011 NEI page

# Editing XML text

```
<hdr:Document id="IDxx" xmlns:hdr="http://www.exchangenetwork.net/schema/header/2" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://www.exchangenetwork.net/schema/header/2 http://www.exchangenetwork.net/schema/header/2/header_v2.0.xsd">
  <hdr:Header>
    <hdr:AuthorName>Your Name</hdr:AuthorName>
    <hdr:OrganizationName>Your Organization</hdr:OrganizationName>
    <hdr:DocumentTitle>EIS</hdr:DocumentTitle>
    <hdr:CreationDateTime>2012-04-10T14:02:39</hdr:CreationDateTime>
    <hdr:Keywords></hdr:Keywords>
    <hdr:Comment></hdr:Comment>
    <hdr>DataFlowName>EIS_v1_0</hdr>DataFlowName>
    <hdr:Property>
      <hdr:PropertyName>SubmissionType</hdr:PropertyName>
      <hdr:PropertyValue>QA</hdr:PropertyValue>
    </hdr:Property>
    <hdr:Property>
      <hdr:PropertyName>DataCategory</hdr:PropertyName>
      <hdr:PropertyValue>Onroad</hdr:PropertyValue>
    </hdr:Property>
    <hdr:Property>
      <hdr:PropertyName>CDBDataFile</hdr:PropertyName>
      <hdr:PropertyValue>Sample_CDB_File.zip</hdr:PropertyValue>
    </hdr:Property>
  </hdr:Header>
  <hdr:Payload>
    <cer:CERS xmlns:cer="http://www.exchangenetwork.net/schema/cer/1" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      xsi:schemaLocation="http://www.exchangenetwork.net/schema/cer/1 http://www.exchangenetwork.net/schema/cer/1/index.xsd">
      <cer:UserIdentifier>youruserid@xyz.gov</cer:UserIdentifier>
      <cer:ProgramSystemCode>yourPSC</cer:ProgramSystemCode>
      <cer:EmissionsYear>2011</cer:EmissionsYear>
    </cer:CERS>
  </hdr:Payload>
</hdr:Document>
```



# EIS Feedback

- EIS checks
  - Required files and folders are present
  - Naming conventions and formats are met
  - Counties in QA report match counties in CDB folders
  - QA Report confirms there are no errors from the QA tool checks

# Feedback Report for CDBs Submittal

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

**VIEW/ADD/EDIT**

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

**REPORTS**

- » All Reports
- » Aggregate Reports for Download
- » Large File Download
- » **Submission History**
- » Agency Submission History Report

**REFERENCE DATA**

- » Reporting Code Tables
- » QA Checks
- » EIS Bridge

**SUPPORT**

- » Show All Announcements
- » View Support Requests
- » Create Support Request

**Agency Organization Detail**

**CURRENT AGENCY**

**Agency Description:** North Carolina Department of Environment and Natural Resources  
**Agency Type:** State

Agency Responsibilities | Agency Members | Program System Codes | Allow Access | **Submission History**

**SUBMISSION HISTORY**

CDX Tracking #	Status	Submitter	Data Category	Type	Submitted	
94e18f94-7f00-0001-05e7-7753941f32fc	COMPLETED	Beth Hatter	Onroad - CDB	PRODUCTION	2012-04-08 10:14 PM	Download Report
10032	COMPLETED	Kelle-Ann Smith	Point	PRODUCTION	2012-04-08 07:03 AM	Download Report
20001	FAILED	Kelle-Ann Smith	Onroad	PRODUCTION	2012-04-08 07:03 AM	Download Report
20000	COMPLETED	Kelle-Ann Smith	Nonpoint	QA	2012-04-08 07:03 AM	Download Report
20002	COMPLETED	Kelle-Ann Smith	Nonroad	PRODUCTION	2012-04-08 07:03 AM	Download Report

Download Results: [CSV](#)

Request Inventory Developer Assistance



# What EPA will do with submittals

- Collect and compile submitted CDBs
- Run QA tool again
- Contact agencies with questions
- Run latest available MOVES model for CAP/HAP at monthly or finer level
- Load emissions into EIS





# Emissions Submittals

- Agencies may submit emissions, but inputs are preferred
- Multiple emissions data are accessible in EIS. If an agency submits, EPA and SLT data will be present.



# Onroad Emissions Submittals

- Requirements for submitting onroad emissions inventory
  - CERS
  - Exchange Header
  - Location
  - Emissions Process
  - Reporting Period
  - Emissions
- Optional
  - Excluded Location Parameter



# Required - CERS

- Required
  - User ID (EIS login)
  - Program System Code
  - Emissions Year
- Optional
  - Model
  - Model Version
  - Emissions Creation Date
  - Submittal Comment

# Required - Exchange Header

## Required:

- AuthorName
- OrganizationName
- DocumentTitle (**EIS**)
- DataFlowName (**EIS\_v1\_0**)
- SubmissionType ("**QA**" or "**Production**")
- PropertyName ("**Data Category**")
- PropertyValue ("**Onroad**")

## Optional:

- Keywords
- Comments
- PropertyName ("**CDBDataFile**" - required when submitting CDB data)
- PropertyValue (the **name of the CDB zip file** being submitted - required when submitting CDB data)

# Required - Location

- Required
  - State/County FIPS or Tribal Code
- Optional
  - Census Tract Identifier
  - Shape Identifier
  - Location Comment

# Required - Emissions Process

- Required
  - State/County FIPS or Tribal Code
  - Source Classification Code
  - Emissions Type Code
- Optional
  - Census Tract
  - Shape Identifier
  - Process Comment

# Required - Reporting Period

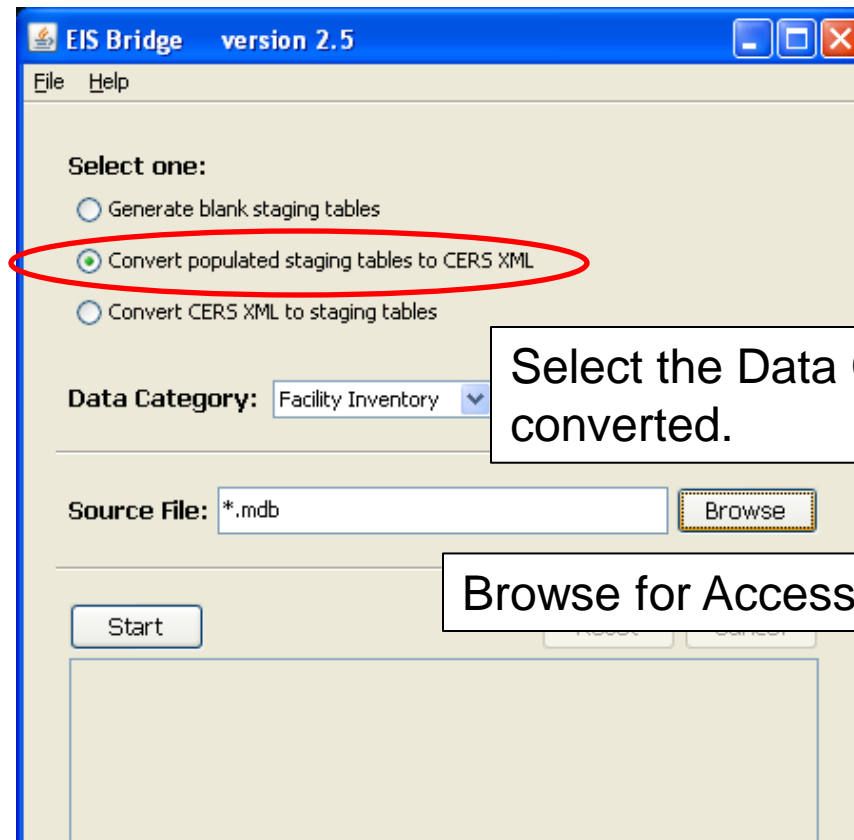
- Required
  - State/County FIPS or Tribal Code
  - Source Classification Code
  - Emissions Type Code
  - Reporting Period Type Code
  - Calculation Parameter Type Code - **Only Onroad** (“I” for input)
  - Calculation Parameter Value and UOM – **Only Onroad** (VMT, E3Mile)
  - Calculation Parameter Material Code – **Only Onroad** (“368” for vehicle)
- Optional
  - Census Tract and Shape Identifier
  - Calculation Data Year – Only Onroad
  - Calculation Data Source – Only Onroad
  - Reporting Period Comment

# Required - Emissions

- Required
  - State/County FIPS or Tribal Code
  - Source Classification Code
  - Emissions Type Code
  - Reporting Period type Code
  - Pollutant Code
  - Total Emissions and UOM
- Optional
  - Census Tract and Shape Identifier
  - Emissions Comment



# Creating XML File via the Bridge Tool



Select the Data Category being converted.

Browse for Access file and select "Start".

**REMEMBER:** The Bridge Tool works on Access 2003. If your file is saved as Access 2007 or later, you will need to do a "save as" to Access 2003 prior to using the Bridge Tool.



# Common Bridge Tool Errors

- Look at your xml file prior to zipping it using Note Pad or your web browser. Make sure you see all of the components.



# Submitting the zipped XML File

- Two methods
  - Node-to-node
  - CDX web client (most common method)
    - <https://nodewebbrss.epa.gov/user/Login.aspx>
    - Use Gateway login and password
- QA and Production Environment
  - QA is always open to check your data. Does not change anything in the EIS
  - Production submission is your official submission and will update the EIS
  - Recommend always sending to QA first



# Exchange Network Web Client v2.0

Contact Us

**Please Sign In.**

ID

Password

Domain

- default
- IAMLdap
- EPA

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

Last updated on Tuesday, January 31st, 2012  
URL: <http://nodewebrss.epa.gov/user/Login.aspx>

# Exchange Network Web Client v2.0

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

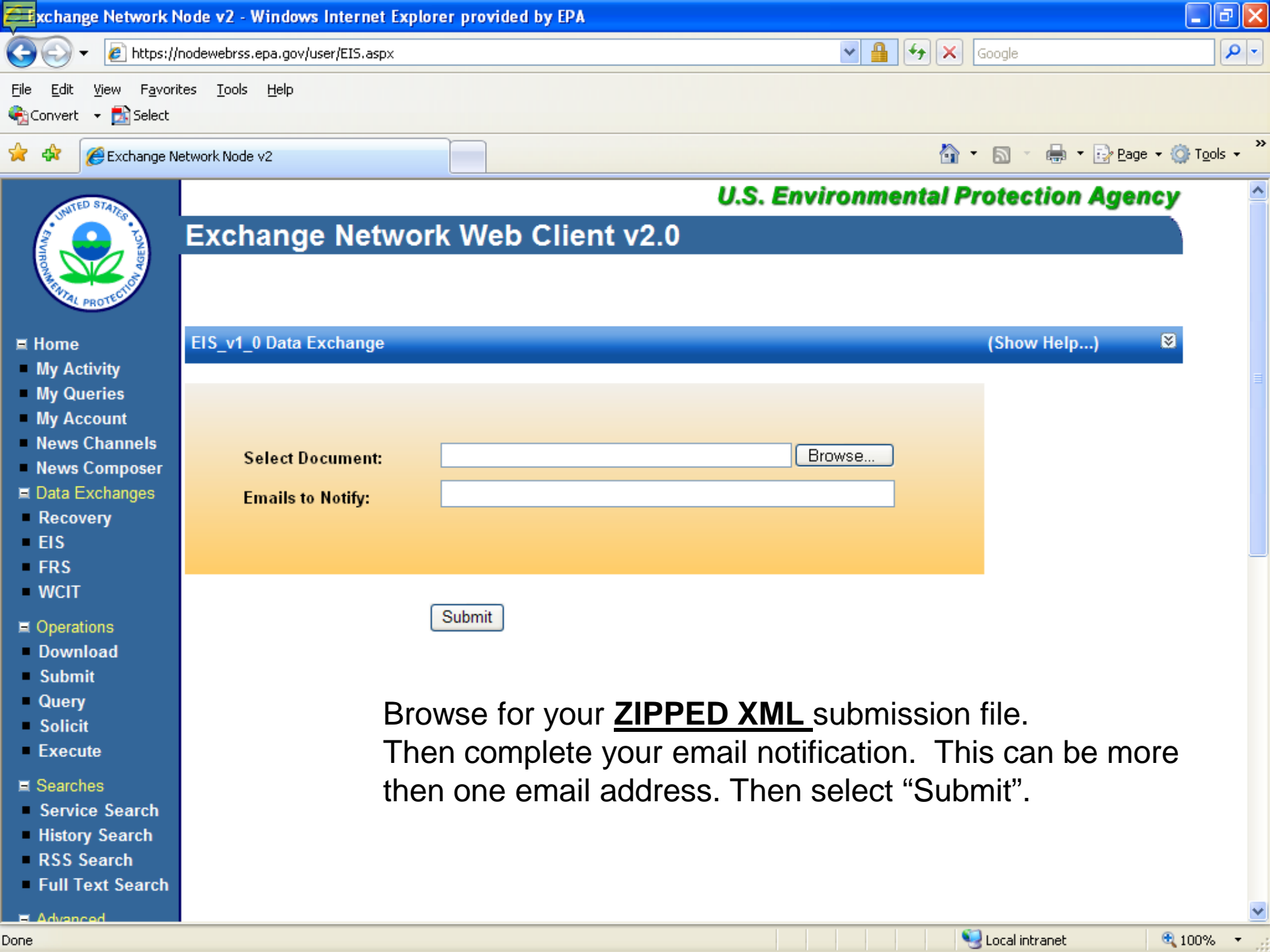
**Language:** en-us



- Home
- My Activity
- My Queries
- My Account
- News Channels
- News Composer
- Data Exchanges
- Recovery
- EIS**
- FRS
- WCIT
- Operations
- Download
- Submit
- Query
- Solicit
- Execute
- Searches
- Service Search
- History Search
- RSS Search
- Full Text Search
- Advanced

Select EIS from the left-hand side bar

- Mon, 30 Jan 2012 13:44:04 -0500  
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



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.  
Then complete your email notification. This can be more than one email address. Then select "Submit".

- Home
- My Activity
- My Queries
- My Account
- News Channels
- News Composer
- Data Exchanges
- Recovery
- EIS
- FRS
- WCIT
- Operations
- Download
- Submit
- Query
- Solicit
- Execute
- Searches
- Service Search
- History Search
- RSS Search
- Full Text Search
- Advanced



# 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

EIS - Windows Internet Explorer

https://eis.epa.gov/eis-system-web/agency/organization/detail.html?agencyOrganizationId=-81&div=8

powerpoint group picture

File Edit View Favorites Tools Help

EIS US EPA Emissions Inventories | Clear...

Home RSS Print Page Tools

# EIS Gateway

Laurel Driver, EIS; Content Manager Role, Authenticated Role, Inventory Developer 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

**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

## Agency Organization Detail

**CURRENT AGENCY**

Agency Description: Alabama Department of Environmental Management  
 Agency Type: State

[Edit Agency Organization](#)

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

**SUBMISSION HISTORY**

CDX Tracking #	Status	Submitter	Data Category	Type	Submitted	
<a href="#">_5504f8b4-133c-411f-8848-3f9cd588efe0</a>	COMPLETED	Elizabeth Tate	Point	PRODUCTION	2011-12-28 03:31 PM	<a href="#">Download Report</a>
<a href="#">_86dfe31b-988c-4b8d-b03a-1b3176d74cf4</a>	COMPLETED	Elizabeth Tate	Facility Inventory	PRODUCTION	2011-12-22 04:42 PM	<a href="#">Download Report</a>
<a href="#">_bf9d5125-cbd4-4778-9699-7014a625de6f</a>	COMPLETED	Elizabeth Tate	Facility Inventory	QA	2011-12-21 05:20 PM	<a href="#">Download Report</a>   <a href="#">Download XML Submission</a>
<a href="#">_ce1d6db1-23f1-4890-a7a2-02617ad49202</a>	COMPLETED	Elizabeth Tate	Facility Inventory	PRODUCTION	2011-10-11 09:40 AM	<a href="#">Download Report</a>
<a href="#">_3036ab41-9662-4548-b56a-d62399c75e15</a>	COMPLETED	Elizabeth Tate	Point	PRODUCTION	2011-07-20 03:01 PM	<a href="#">Download Report</a>
<a href="#">_fe74ddf5-30fa-40b1-b9fc-f509d6397a2d</a>	COMPLETED	Elizabeth Tate	Point	PRODUCTION	2011-04-04 04:42 PM	<a href="#">Download Report</a>
<a href="#">_fff203ab-07f3-451c-a558-8aa9258df95d</a>	COMPLETED	Tracy Anderson	Nonpoint	PRODUCTION	2011-02-17 05:38 PM	<a href="#">Download Report</a>
<a href="#">_0b8e9e98-489f-4426-995d-80fd0fc1746e</a>	COMPLETED	Tracy Anderson	Nonpoint	PRODUCTION	2011-02-15 04:17 PM	<a href="#">Download Report</a>
<a href="#">_5541c065-1fbf-4bfa-b056-74e03da37a8c</a>	COMPLETED	Elizabeth Tate	Point	PRODUCTION	2011-02-02 03:19 PM	<a href="#">Download Report</a>
<a href="#">_5f2f9709-0616-4d70-8c6a-cb6fe576791e</a>	COMPLETED	Elizabeth Tate	Point	PRODUCTION	2011-02-01 04:39 PM	<a href="#">Download Report</a>
<a href="#">_94ca60f4-5c8a-40c8-9da1-5782ca056f36</a>	COMPLETED	Elizabeth Tate	Point	QA	2011-02-01 03:17 PM	<a href="#">Download Report</a>   <a href="#">Download XML Submission</a>
<a href="#">_4a8a3eaf-390a-4462-b50a-4f0593be5480</a>	COMPLETED	Elizabeth Tate	Facility Inventory	PRODUCTION	2011-02-01 11:34 AM	<a href="#">Download Report</a>
<a href="#">_a20bfb31-6d4c-49cf-9dc2-9444a379905a</a>	COMPLETED	Elizabeth Tate	Facility Inventory	QA	2011-01-29 08:56 PM	<a href="#">Download Report</a>   <a href="#">Download XML Submission</a>
<a href="#">_3cbfd3f8-6fbb-4b3b-b225-16df19950648</a>	COMPLETED	Tracy Anderson	Nonpoint	PRODUCTION	2010-11-01 05:41 PM	<a href="#">Download Report</a>
<a href="#">_2a150c8d-90d5-4d71-b2bc-0e8818df4e7e</a>	COMPLETED	Tracy Anderson	Nonpoint	PRODUCTION	2010-11-01 04:51 PM	<a href="#">Download Report</a>
<a href="#">_e0fc2944-0c1f-4e36-8044-d80dfbf8793</a>	COMPLETED	Tracy Anderson	Nonpoint	PRODUCTION	2010-11-01 04:52 PM	<a href="#">Download Report</a>
<a href="#">_4485324a-095a-4602-ab1d-71f67eb3996a</a>	COMPLETED	Tracy Anderson	Nonpoint	PRODUCTION	2010-11-01 04:51 PM	<a href="#">Download Report</a>
<a href="#">_54d102c8-a720-4c62-ba16-04ea8e50e1f2</a>	COMPLETED	Elizabeth Tate	Point	PRODUCTION	2010-10-29 04:29 PM	<a href="#">Download Report</a>
<a href="#">_fa5e13b2-1adc-4a44-a7bc-bb1c9b653db2</a>	COMPLETED	Lisa Cole	Point	PRODUCTION	2010-10-29 04:03 PM	<a href="#">Download Report</a>
<a href="#">_8013991c-d680-42a9-bb9f-dd2d2bafd78f</a>	COMPLETED	Tracy Anderson	Nonpoint	PRODUCTION	2010-10-29 04:08 PM	<a href="#">Download Report</a>
<a href="#">_cffe862a-211f-4177-a03f-04947a5500ee</a>	COMPLETED	Tracy Anderson	Nonpoint	PRODUCTION	2010-10-29 06:05 PM	<a href="#">Download Report</a>
<a href="#">_7248f160-af30-4c67-9b5a-410e7f872d97</a>	COMPLETED	Tracy Anderson	Nonpoint	PRODUCTION	2010-10-29 06:13 PM	<a href="#">Download Report</a>
<a href="#">_10f82859-6493-4154-a8a1-af6d5b073e2b</a>	COMPLETED	Tracy Anderson	Nonpoint	PRODUCTION	2010-10-29 11:56 AM	<a href="#">Download Report</a>
<a href="#">_4d718831-f643-4eee-bf26-ff2e7d47c2e6</a>	COMPLETED	Elizabeth Tate	Point	PRODUCTION	2010-08-25 12:16 PM	<a href="#">Download Report</a>





# The Feedback Report

- Summary Page
  - Name of submitter
  - What environment submissions was made to
    - QA or Production
  - Data Category submitted
    - Onroad
  - Total number of critical and warning errors.

# Feedback Report

## Critical Errors

- The most important page of your feedback report
- All critical errors must be resolved prior to submitting to Production

# Feedback

Microsoft Excel

Home Insert Page Layout Formulas Data Review View

Clipboard Font Alignment Number Styles Cells Editing

feedback[1].xls

	A	B	C	D	E	F	G	H	I	J
1	Submitter ID	Submission Date	Submission Status	CDX Submission ID	Submitted to	Data Category	Total System Errors	Total Critical Errors	Total Warnings	Geopol Code
2	ldriver	2012-02-03 12:34 PM	COMPLETED	_a12d222b-28f0-4a49-b288-7737d11ce660	PRODUCTION	Onroad	0	0	0	
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										

Ready Average: 0 Count: 22 Sum: 0 100%

# Feedback

Microsoft Excel

Home Insert Page Layout Formulas Data Review View

Clipboard Font Alignment Number Styles Cells Editing

Component

feedback[1].xls

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	<b>Component</b>	<b>Added</b>	<b>Updated</b>												
2	Location	0	0												
3	ExcludedLocationParameter	0	0												
4	LocationEmissionsProcess	0	2481												
5	ReportingPeriod	2481	0												
6	Emissions	21944	0												
7	<b>Total</b>	<b>24425</b>	<b>2481</b>												
8															
9															
10															
11															
12															
13															
14															
15															

Ready 100%



# When will my data show up in EIS?

- Onroad data on the Gateway is available immediately
- Reports available the next day

# Nonpoint/Onroad/Nonroad Emissions

The screenshot shows a web browser window titled "EIS - Windows Internet Explorer provided by EPA". The address bar shows the URL "https://eis.epa.gov/eis-system-web/process/area/search.html". The browser's menu bar includes "File", "Edit", "View", "Favorites", "Tools", and "Help". The browser's toolbar includes "Convert", "Select", "EIS", "Home", "RSS", "Print", "Page", "Tools", and "Search".

The main content area is titled "Nonpoint / Onroad / Nonroad Emissions Search". It features a yellow warning box that reads: "WARNINGS -> The selected search criteria yield more results than can be displayed. Please refine your search." Below the warning box is a "Search Criteria" section with the following details:

- States: > NC
- Counties: > All counties selected.
- Tribes: > All tribes selected.
- Data Categories: > Nonpoint
- Sectors: > All sectors selected.
- Source Classifications: > All source classifications selected.

Below the search criteria is a "Show 10 entries" section with a search input field. The search results are displayed in a table with the following columns: "Source Classification", "Emissions Type Code", "FIPS State and County", "Tribal Name", "Census Tract", and "Shape Identifier". The table contains 10 rows of data, all with "37001" in the "FIPS State and County" column.

Source Classification	Emissions Type Code	FIPS State and County	Tribal Name	Census Tract	Shape Identifier
<a href="#">2102001000</a>		37001			
<a href="#">2102002000</a>		37001			
<a href="#">2102004000</a>		37001			
<a href="#">2102005000</a>		37001			
<a href="#">2102006000</a>		37001			
<a href="#">2102007000</a>		37001			
<a href="#">2102008000</a>		37001			
<a href="#">2102011000</a>		37001			
<a href="#">2102012000</a>		37001			
<a href="#">2103001000</a>		37001			

At the bottom of the table, it says "Showing 1 to 10 of 200 entries" and includes navigation buttons: "First", "Previous", "1", "2", "3", "4", "5", "Next", "Last". There is also an "Edit Search Criteria" button.

The left sidebar contains several sections:

- VIEW/ADD/EDIT**
  - >> Facility Inventory and Point Emissions
  - >> Potential Duplicate Facilities
  - >> Nonpoint/ Onroad/ Nonroad Emissions (highlighted with a red circle)
  - >> Event Emissions
  - >> NCD Activity Data
- REPORTS**
  - >> Request Reports
  - >> Report Downloads
  - >> Large File Download
  - >> Feedback Reports
  - >> Agency Submission History Report
- REFERENCE DATA**
  - >> Reporting Code Tables
  - >> QA Checks
  - >> EIS Bridge
- SUPPORT**
  - >> View All Announcements
  - >> View Support

The bottom status bar shows "Local intranet" and "100%".

# 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

## EIS Gateway

Sally Dombrowski; 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

**REPORTS**

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

**REFERENCE DATA**

- » Reporting Code Tables

### Agency Submission History Report

Select the inventory year of interest

Select inventory year

Inventory Year: 2008

Show 10 entries

Search:

Agency Organization	Region Code	Facility Inventory	Point	Nonpoint	Onroad	Nonroad	Event
North Carolina Department of Environment and Natural Resources	04	2010-12-02 05:10 PM	2011-09-20 12:29 PM	2011-12-12 01:23 PM	2010-08-18 01:47 PM	N/A	2010-08-31 02:42 PM

Showing 1 to 1 of 1 entries

Download Results: CSV

First Previous 1 Next Last

Local intranet 100%

# How do I get data out of EIS?

The screenshot shows the EPA EIS System Web Reports page. The browser address bar displays <https://eis.epa.gov/eis-system-web/reports/>. The page is divided into a left sidebar and a main content area.

**REPORTS** (circled in red)

- 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

**Main Content Area:**

- Facility Configuration**: 7 reports providing details of different aspects of the Facility Configurations, across all Agencies, filterable by geography, NAICs, Facility Type, Oper Status or Reg Code. Only EIS identifiers provided.
- Emissions Snapshot**: All Emissions data elements in CERS XML format for Point, Nonpoint, Onroad, Nonroad, or Event emissions. 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. Snapshot updates can be requested and will be generated overnight.

Report Name	Report Description
<a href="#">By Responsible Agency</a> (circled in red)	Point, Nonpoint, Onroad, Nonroad, Event emissions data for a single S/L/T Agency's jurisdiction. Both EIS and S/L/T Agency identifiers are provided.
<a href="#">By Facility Type</a>	Point emissions data for all facilities which have been tagged as a single specific Facility Type. Only EIS identifiers are provided.
- Emissions Summaries**: Emissions data aggregated to various levels of detail in a flat file CSV format. Can filter by pollutant, geographic area, Facility Type, NAICs, regulations, sector or Source Classification Codes. Request run every 15 minutes.

Report Name	Report Description
<a href="#">By Facility</a>	Point emissions data at facility, unit, process, or release point level. Both EIS and S/L/T Agency identifiers are provided.
<a href="#">By Geography</a> (circled in red)	Point, Nonpoint, Onroad, Nonroad or Event emissions data at National, Regional, State/Tribe or County geographic level.
- Event Comparisons**

Report Name	Report Description
<a href="#">Event/Event Comparison</a>	Provides a comparison for events that may have been reported in more than one data set.
<a href="#">Event/Nonpoint Comparison</a>	Provides a comparison of emissions where event related emissions may have been reported in both the Event and NonPoint data categories.
- Downloads**

Report Name	Report Description
<a href="#">Large File Download</a>	Also located under Reports on the Gateway sidebar, a set of full US emissions summaries and SMOKE flat files already generated and available for download.
<a href="#">Report Downloads</a>	Also located under Reports on the Gateway sidebar, reports requested for download as well as reports requested by other users within your agency can be found here.

The Windows taskbar at the bottom shows the system clock as 2:25 PM on 2/23/2012.



# 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

## 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
<b>Report Type:</b> Facility <b>Data Set:</b> 2008-2008 V2_0 GPR <b>Pollutants:</b> CO, SO2, NOX, VOC, PM25-PRI, PM10-PRI, 7439921 <b>States:</b> 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 4 to 10 of 63 entries

First Previous 1 2 3 4 5 Next Last

Done Local intranet 100%

# How does EPA Check Your Data?

- Again, inputs are strongly preferred. We have QA to fix errors in advance of running MOVES
- Submitted emissions are compared to EPA's for pollutants covered, disagreement between CAP/HAP, anomalous emis type/pol combinations, SCC coverage, etc.

# Common Problems

- Overwriting previous submittals. Several submitters in trying to update/correct emissions values, submitted only one pollutant which overwrote previous submittal which contained many pollutants
- Poor use of emission type. For example, all emissions as evap does not make sense.
- Bad emis type/pollutant combinations (e.g., evap pm)

# Contacts

- Submittal Issues
  - Sally Dombrowski [dombrowski.sally@epa.gov](mailto:dombrowski.sally@epa.gov);  
919-541-3269
- Inventory Issues
  - Laurel Driver – Mobile Sources  
[driver.laurel@epa.gov](mailto:driver.laurel@epa.gov), 919-541-2859
- MOVES Issues
  - mobile@epa.gov