

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
 - SO₂, NO_x, CO with potential to emit $\geq 2,500$ tpy
 - VOC, PM, NH₃ with potential to emit ≥ 250 tpy
 - Pb with potential to emit ≥ 5 tpy (to be amended to agree with Lead NAAQS level of ≥ 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 shows a web browser window titled "EIS - Windows Internet Explorer" with the URL <https://eis.epa.gov/eis-system-web/support/request/add.html>. The browser's address bar shows "gupta vaccination". The page content is organized into several 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

The main content area is titled "Create a Support Request" and contains the following form fields:

- Request Creator:** Laurel Driver
- Support Category:** Accept EPA Data (This dropdown menu is circled in red.)
- Support Request Message:** A text area for entering the request details.

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



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

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
- » **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

2011 CDB Data

EPA Default | Agency

2011 EPA DEFAULT CDB DATA SETS

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

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																															

Table1

Ready

100%

3. Documentation

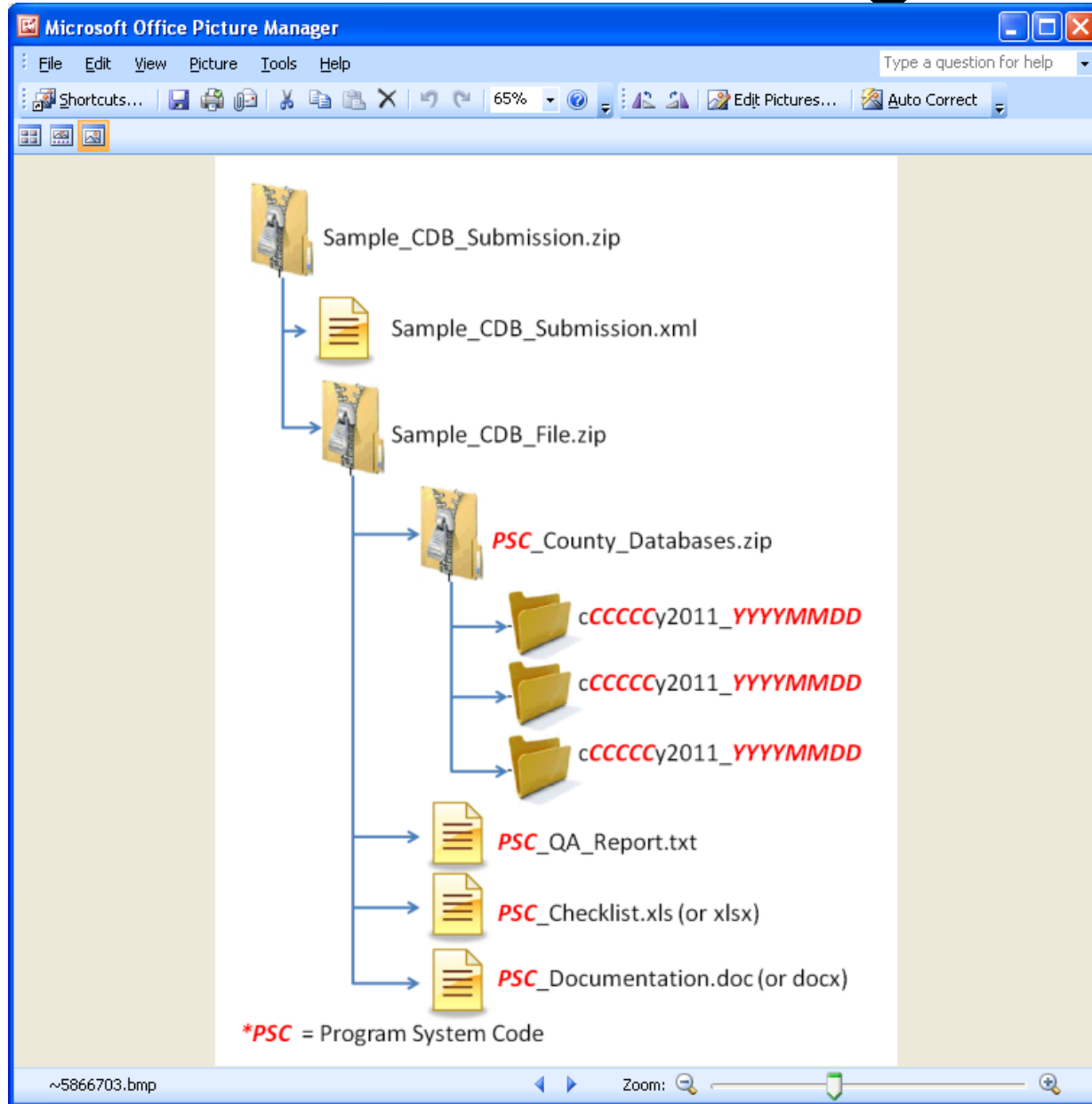
- **PSC**_Documentation.doc (or docx)
- A word file that explains the source of SLT provided input data. A .doc or .docx file is required
- Additional supporting files of any format are optional (e.g., .pdf or .xls)



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

The screenshot shows the EIS Gateway web application in a Mozilla Firefox browser. The page title is "EIS Gateway" and the user is identified as Beth Hatter, North Carolina Department of Environment and Natural Resources, with an authenticated role of SA/LT User Role.

The left sidebar contains several navigation menus:

- 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** (circled in red)
 - Agency Submission History Report
- REFERENCE DATA**
 - Reporting Code Tables
 - QA Checks
 - EIS Bridge
- SUPPORT**
 - Show All Announcements
 - View Support Requests
 - Create Support Request

The main content area is titled "Agency Organization Detail" and shows the following information:

CURRENT AGENCY

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

Navigation tabs include: Agency Responsibilities, Agency Members, Program System Codes, Allow Access, and 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](#)

Red circles highlight the following data points in the Submission History table:

- The "Submitter" column for the first row (Beth Hatter).
- The "Data Category" column for the first row (Onroad - CDB).
- The "Submitted" column for the first row (2012-04-08 10:14 PM).
- The "Download Report" link for the second row (10032).
- The "Download Report" link for the third row (20001).
- The "Download Report" link for the fourth row (20000).
- The "Download Report" link for the fifth row (20002).



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

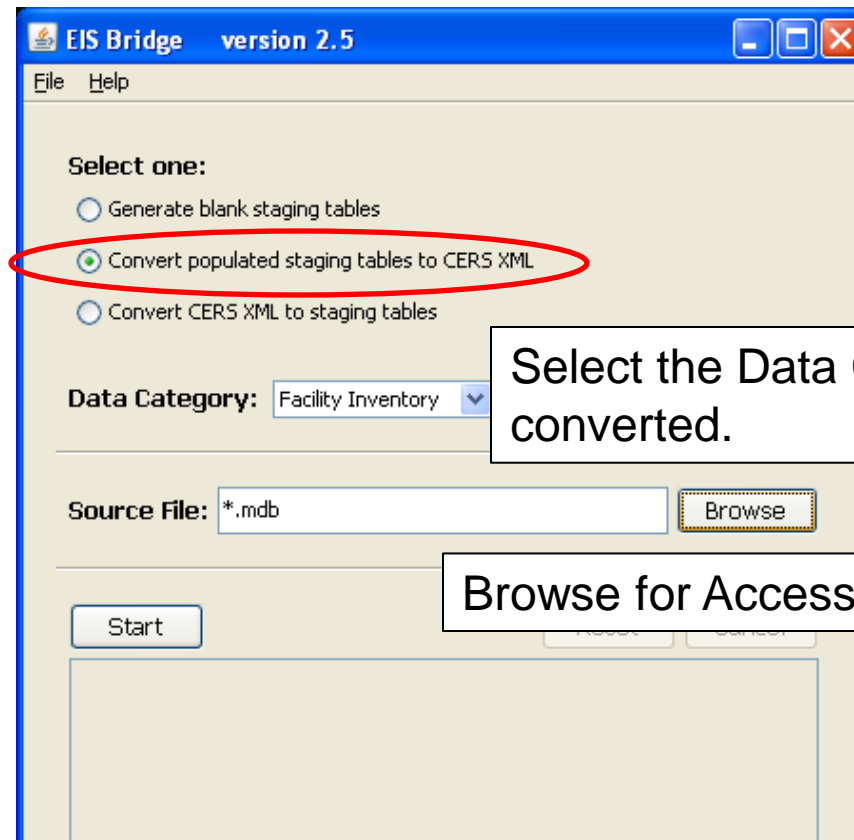
Required - Reporting Period

- 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 ombrowski.sally@epa.gov

Password ●●●●●●

Domain default

- 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

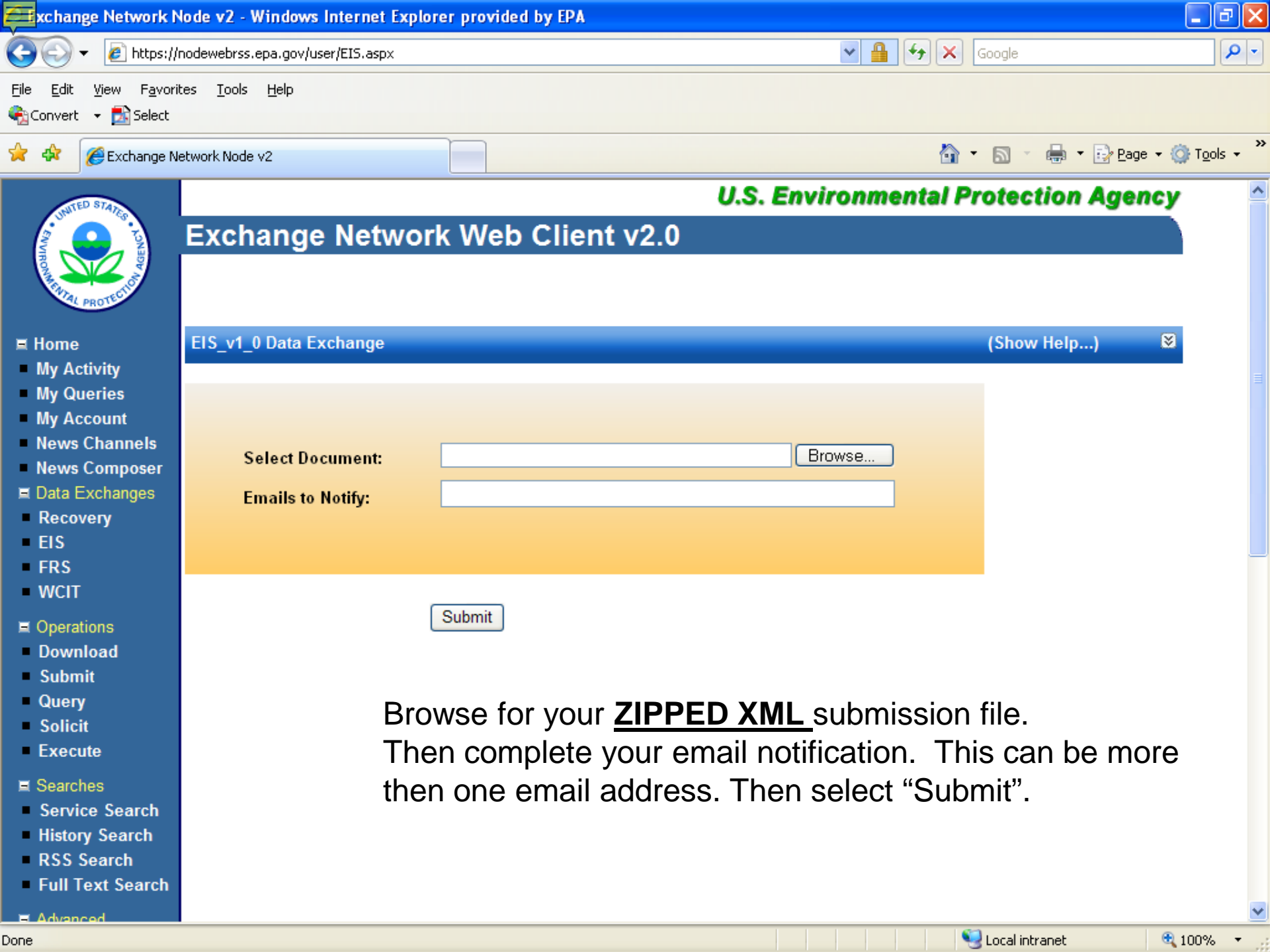
RSS/ATOM News Channel: RecoveryChannel RSS ATOM

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

- 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



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
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- » Agency Submission History Report

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- » 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	
_5504f8b4-133c-411f-8848-3f9cd588efe0	COMPLETED	Elizabeth Tate	Point	PRODUCTION	2011-12-28 03:31 PM	Download Report
_86dfe31b-988c-4b8d-b03a-1b3176d74cf4	COMPLETED	Elizabeth Tate	Facility Inventory	PRODUCTION	2011-12-22 04:42 PM	Download Report
_bf9d5125-cbd4-4778-9699-7014a625de6f	COMPLETED	Elizabeth Tate	Facility Inventory	QA	2011-12-21 05:20 PM	Download Report Download XML Submission
_ce1d6db1-23f1-4890-a7a2-02617ad49202	COMPLETED	Elizabeth Tate	Facility Inventory	PRODUCTION	2011-10-11 09:40 AM	Download Report
_3036ab41-9662-4548-b56a-d62399c75e15	COMPLETED	Elizabeth Tate	Point	PRODUCTION	2011-07-20 03:01 PM	Download Report
_fe74ddf5-30fa-40b1-b9fc-f509d6397a2d	COMPLETED	Elizabeth Tate	Point	PRODUCTION	2011-04-04 04:42 PM	Download Report
_fff203ab-07f3-451c-a558-8aa9258df95d	COMPLETED	Tracy Anderson	Nonpoint	PRODUCTION	2011-02-17 05:38 PM	Download Report
_0b8e9e98-489f-4426-995d-80fd0fc1746e	COMPLETED	Tracy Anderson	Nonpoint	PRODUCTION	2011-02-15 04:17 PM	Download Report
_5541c065-1fbf-4bfa-b056-74e03da37a8c	COMPLETED	Elizabeth Tate	Point	PRODUCTION	2011-02-02 03:19 PM	Download Report
_5f2f9709-0616-4d70-8c6a-cb6fe576791e	COMPLETED	Elizabeth Tate	Point	PRODUCTION	2011-02-01 04:39 PM	Download Report
_94ca60f4-5c8a-40c8-9da1-5782ca056f36	COMPLETED	Elizabeth Tate	Point	QA	2011-02-01 03:17 PM	Download Report Download XML Submission
_4a8a3eaf-390a-4462-b50a-4f0593be5480	COMPLETED	Elizabeth Tate	Facility Inventory	PRODUCTION	2011-02-01 11:34 AM	Download Report
_a20bfb31-6d4c-49cf-9dc2-9444a379905a	COMPLETED	Elizabeth Tate	Facility Inventory	QA	2011-01-29 08:56 PM	Download Report Download XML Submission
_3cbfd3f8-5fbb-4b3b-b225-16df19950648	COMPLETED	Tracy Anderson	Nonpoint	PRODUCTION	2010-11-01 05:41 PM	Download Report
_2a150c8d-90d5-4d71-b2bc-0e8818df4e7e	COMPLETED	Tracy Anderson	Nonpoint	PRODUCTION	2010-11-01 04:51 PM	Download Report
_e0fc2944-0c1f-4e36-8044-d80dfbf8793	COMPLETED	Tracy Anderson	Nonpoint	PRODUCTION	2010-11-01 04:52 PM	Download Report
_4485324a-095a-4602-ab1d-71f67eb3996a	COMPLETED	Tracy Anderson	Nonpoint	PRODUCTION	2010-11-01 04:51 PM	Download Report
_54d102c8-a720-4c62-ba16-04ea8e50e1f2	COMPLETED	Elizabeth Tate	Point	PRODUCTION	2010-10-29 04:29 PM	Download Report
_fa5e13b2-1adc-4a44-a7bc-bb1c9b653db2	COMPLETED	Lisa Cole	Point	PRODUCTION	2010-10-29 04:03 PM	Download Report
_8013991c-d680-42a9-bb9f-dd2d2bdf478f	COMPLETED	Tracy Anderson	Nonpoint	PRODUCTION	2010-10-29 04:08 PM	Download Report
_cffe862a-211f-4177-a03f-04947a5500ee	COMPLETED	Tracy Anderson	Nonpoint	PRODUCTION	2010-10-29 06:05 PM	Download Report
_7248f160-af30-4c67-9b5a-410e7f872d97	COMPLETED	Tracy Anderson	Nonpoint	PRODUCTION	2010-10-29 06:13 PM	Download Report
_10f82859-6493-4154-a8a1-af6d5b073e2b	COMPLETED	Tracy Anderson	Nonpoint	PRODUCTION	2010-10-29 11:56 AM	Download Report
_4d718831-f643-4eee-bf26-ff2e7d47c2e6	COMPLETED	Elizabeth Tate	Point	PRODUCTION	2010-08-25 12:16 PM	Download Report

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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

The screenshot shows the Microsoft Excel interface with the following data in the spreadsheet:

Component	Added	Updated
Location	0	0
ExcludedLocationParameter	0	0
LocationEmissionsProcess	0	2481
ReportingPeriod	2481	0
Emissions	21944	0
Total	24425	2481

The spreadsheet is titled "feedback[1].xls" and is currently displaying the "Component" sheet. The status bar at the bottom indicates "Ready" and "100%" zoom.



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 displays 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 main content area is titled "Nonpoint / Onroad / Nonroad Emissions Search".

On the left side, there is a navigation menu with 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 main search results area is titled "Nonpoint / Onroad / Nonroad Emissions Search" and contains a yellow warning box:

WARNINGS
→ The selected search criteria yield more results than can be displayed. Please refine your search.

Below the warning 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.

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 shows 10 entries, all with a FIPS State and County of 37001.

Source Classification	Emissions Type Code	FIPS State and County	Tribal Name	Census Tract	Shape Identifier
2102001000		37001			
2102002000		37001			
2102004000		37001			
2102005000		37001			
2102006000		37001			
2102007000		37001			
2102008000		37001			
2102011000		37001			
2102012000		37001			
2103001000		37001			

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

The browser's status bar at the bottom 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

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 left sidebar contains several menu sections:

- REPORTS** (circled in red):
 - Request Reports (highlighted)
 - 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

The main content area displays the following sections:

- 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
By Responsible Agency (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.
By Facility Type	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
By Facility	Point emissions data at facility, unit, process, or release point level. Both EIS and S/L/T Agency identifiers are provided.
By Geography (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
Event/Event Comparison	Provides a comparison for events that may have been reported in more than one data set.
Event/Nonpoint Comparison	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
Large File Download	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.
Report Downloads	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
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 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
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- Inventory Issues
 - Laurel Driver – Mobile Sources
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- MOVES Issues
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