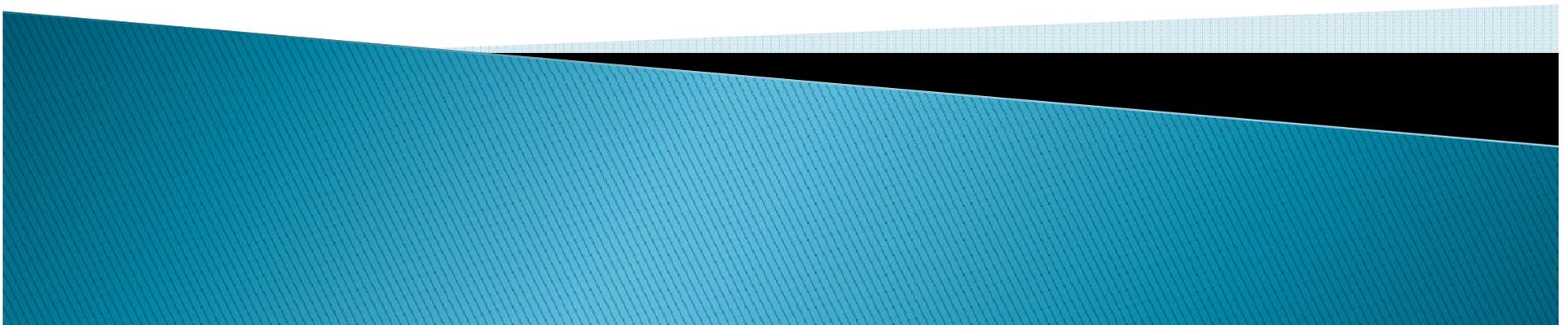


New Features for the Emissions Inventory System (EIS)

Jonathan Miller, USEPA/OAQPS
Research Triangle Park, NC





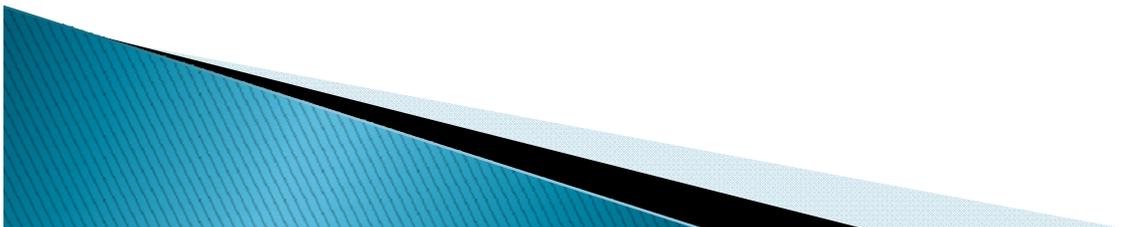
NEW!!

IMPROVED!

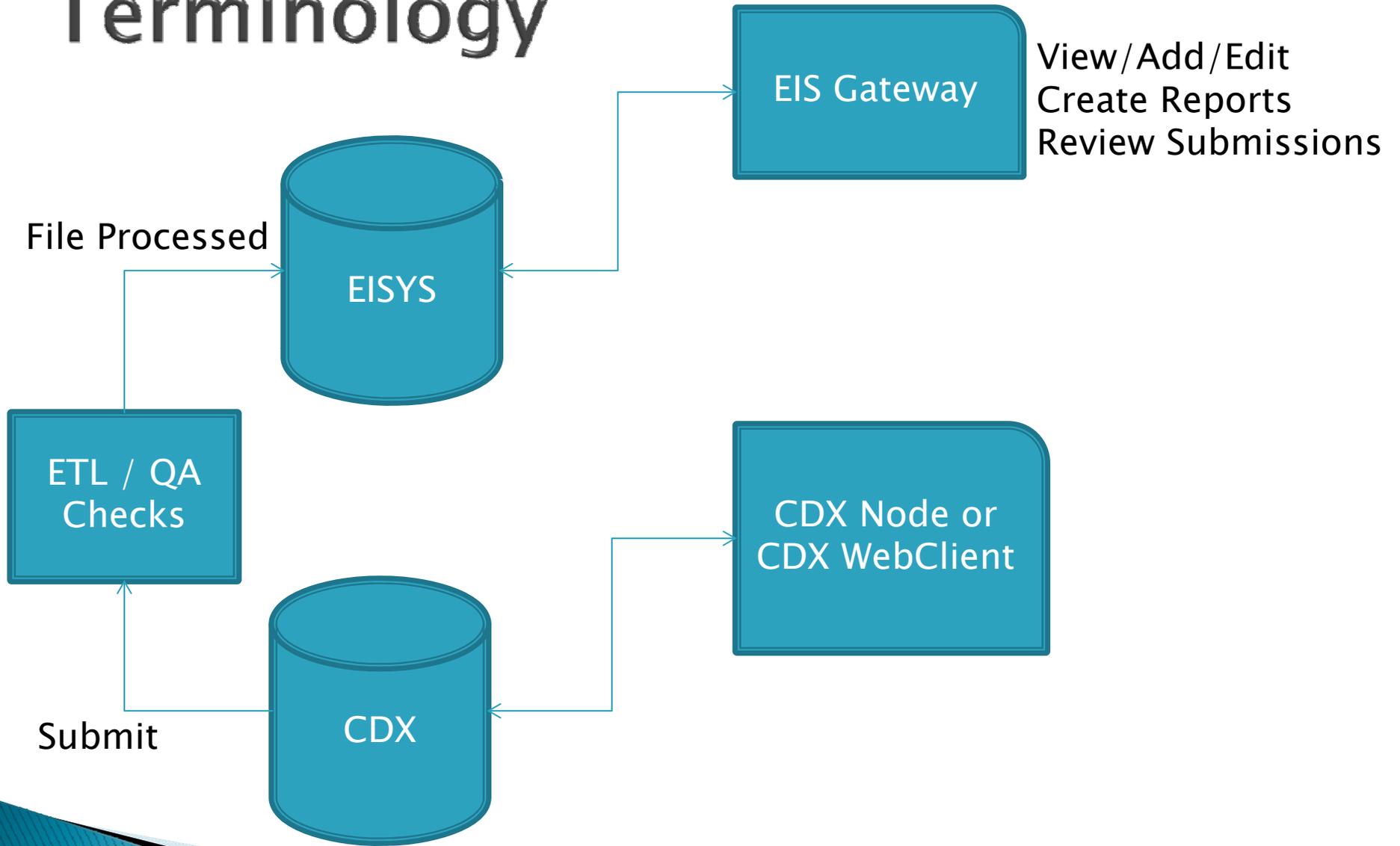
\$1050

Agenda

- ▶ What Has Changed Recently
 - Data Submissions
 - Gateway Features
- ▶ Planned Changes for the Coming Year



Terminology



What Has Changed Recently – Submission Changes

- ▶ Elimination of Many Warning Checks
 - Makes the Feedback Report More Readable
 - Speeds up the Validation of Submissions
- ▶ Support MOVES County Database Activity Data (CDB)
 - Changes to the Submission History Report
 - Changes to the Feedback Report
- ▶ Prevent Group Total Emission AND Group Member Emissions From Being Submitted
 - Prevent “Double Counting” of Emissions
 - Complete List of Group Definitions Available at:
www.epa.gov/ttn/chief/eis/2011nei/qa_changes_2011.xlsx



Prevent Group Total Emission AND Group Member Emissions From Being Submitted

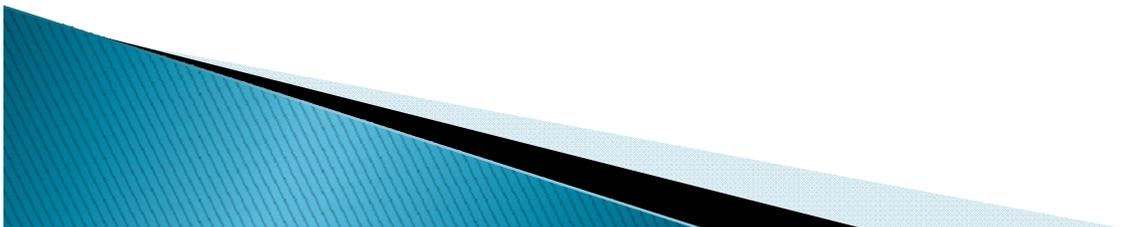
EIS Pollutant Code	EIS Pollutant Name	Type of Pollutant
7440473	Total Chromium	Group Total
16065831	Chromium III	Member
18540299	Chromium (VI)	Member

Allowed:

- a) Chromium III and/or Chromium (VI)
- OR
- b) Total Chromium

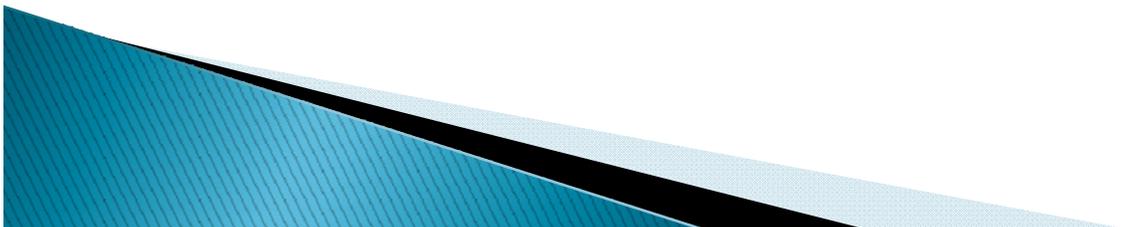
Not Allowed:

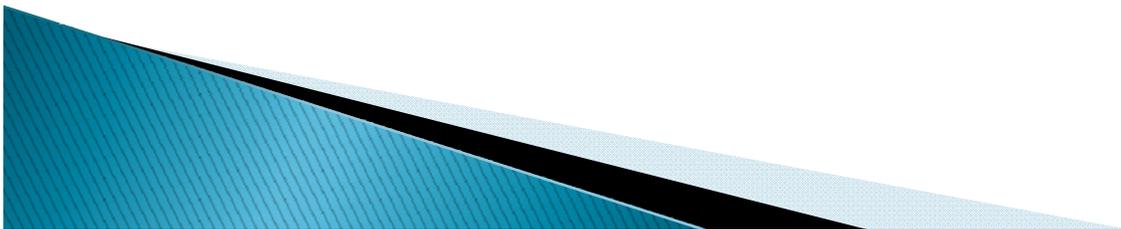
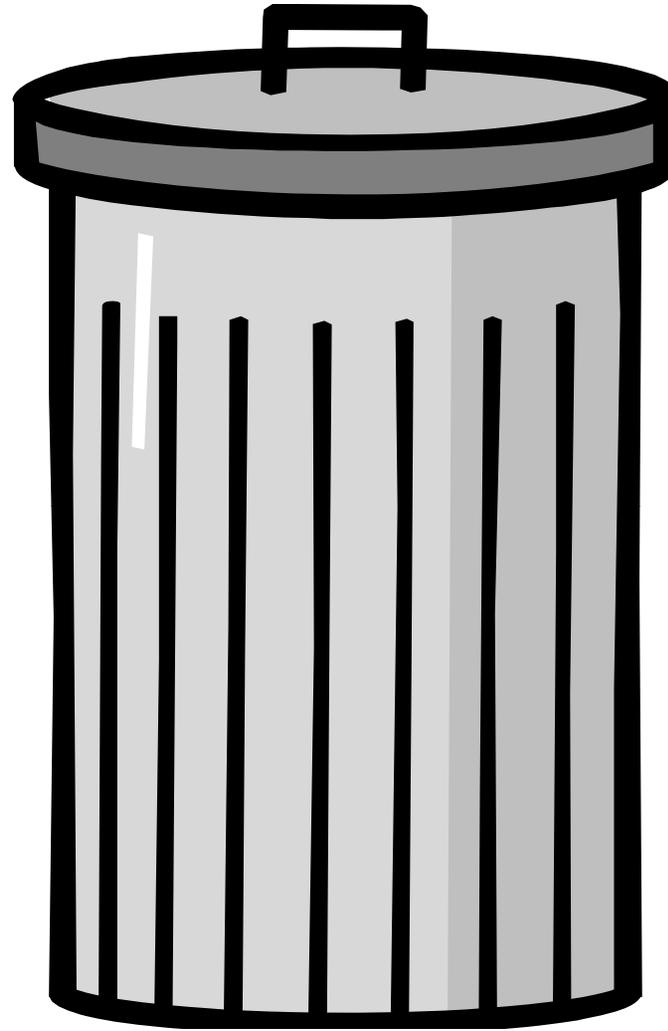
Chromium III and/or Chromium (VI) AND Chromium (VI)



What Has Changed Recently – Submission Changes (Continued)

- ▶ Enforcement of Regulation Levels
 - Some Regulations are Restricted to Either Unit or Process Level
 - EIS Now Enforcing
- ▶ Submission of Data by Shapes
 - Applies Only to Non-Point CMV & Rail Data
 - If Shape and County is Reported as a Location, EIS Will Verify Data
 - “Warning” Message if Data Could Have Been Reported by Shape
 - Only Shape Level Data Will Be Used When Compiling the National Emissions Inventory

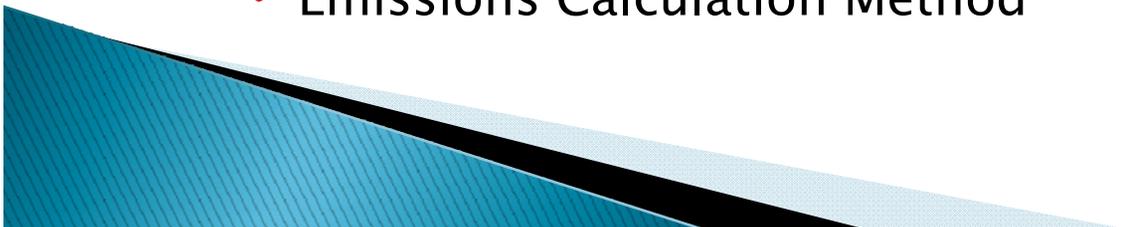




What Has Changed Recently – Gateway Changes

- ▶ New Facility Configuration Reports (September – November 2011)
 - Facility, Units & Processes, Regulations, Controls, Release Points, Facility Alternate Ids, Unit Alternate Ids
 - All Available as *.csv Downloads for Third-Party Applications

- ▶ Additional Facility Metadata to Several Reports
 - Pollutant Name (June 2011)
 - Facility Summary Report (September 2011):
 - Regulation Information
 - Location Information (Lat/Long, Address, Zip, City)
 - Facility – Process Level Report (March 2011)
 - Emissions Comment
 - Emissions Calculation Method



What Has Changed Recently – Gateway Changes (Continued)

- ▶ Separate “Protected Errors” Tab Listing “Locked” Data (January 2012)



- ▶ S/L/T Agencies Can Access the Agency Submission History Report

▼ Select inventory year

Inventory Year: 2011 ▼

Show 10 ▼ entries Search:

Agency Organization	Region Code	Facility Inventory	Point	Nonpoint	Onroad Emissions	Onroad CDB	Nonroad Emissions	Nonroad NCD	Event
	10	2012-07-17 10:27 AM	2012-07-17 10:30 AM	2012-05-31 10:53 PM	N/A	N/A	N/A	N/A	N/A

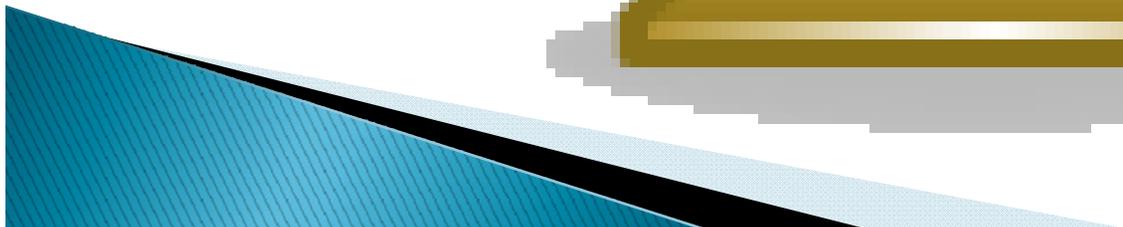
Showing 1 to 1 of 1 entries (filtered from 167 total entries) First Previous 1 Next Last

Download Results: [CSV](#)

Tools

REPORTS

Validation



Planned System Changes

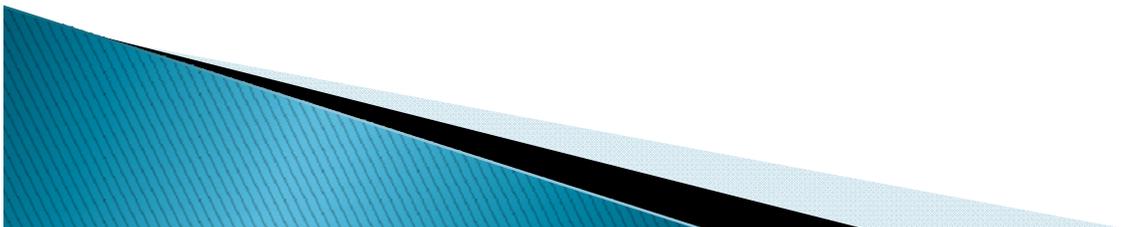
- ▶ New Data QA and Flagging Capability
 - Streamline the Communication Between OAQPS and Data Suppliers
 - New Reports to Identify Suspect Data with Reviewer Comments
- ▶ New Events Reports
 - Extend Current Reports to Have a Temporal View of Data (Daily, Monthly, and Quarterly)
- ▶ Filter Facility Reports by Facility IDs



Planned System Changes (Continued)

- ▶ Allow Selecting Multiple Datasets in Reports
 - Side-by-Side Comparison
 - Compare from Year to Year
 - Compare Results from Different Agencies (EPA vs. State for Example)

- ▶ Enhance On-Line Browsing of Data
 - Show Multiple Years Rather Than Only “Current” Year
 - Applies to Facility – Release Point – Unit Levels



Have Ideas or Comments?

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