



Missouri  
Department of  
Natural Resources

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# Improving Emissions Reporting

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October 9, 2008

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# Improvements Made in 2008

- Form improvements
  - Customized solutions
  - Reduced reporting for smaller sources
  - Emissions Inventory Questionnaire (EIQ) and permit consistency
  - Missouri Emissions Inventory System (MoEIS) upgrade
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# EIQ Form Improvements

- Eliminated unused data fields (proposed)
- Enhanced instructions to prevent misinterpretation
- Converted forms to Excel format
  - Auto calculation
  - Embedded “hover” instructions
  - Handles complex equations
  - Consolidation of forms into one workbook
- Proposed changes to forms available for public comment through Nov. 14, 2008:

<http://www.dnr.mo.gov/env/apcp/eiqformspdf/eiqforms-publicnotice.htm>

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# Custom Solutions

- Spreadsheet summaries generally acceptable
  - Direct assistance available
  - Grouping of emission units where appropriate
  - Elimination of insignificant sources
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# Variance Threshold Increased

- For basic permit holders and de minimis facilities only
  - Variance threshold triggering full EIQ increased from 20% to 5 tons
  - If emissions change from last full EIQ is <5 tons, reduced reporting form (EZ/fee only) acceptable
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# One Year Voluntary Option

- Applies to basic permit holders and de minimis facilities for 2008 emissions reporting (begins Jan. 2009)
  - If scheduled for full EIQ for 2008 data year and <10 tons in last full EIQ, user can file reduced reporting form (EZ/fee only)
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# Facility Structured When Permitted

- Goal is to base EIQs on throughput reporting
  - Requires consistency between construction permits and EIQs
  - Structure is
    - Flow paths
    - Control devices
    - Emission factors
    - Nomenclature
  - Requires collecting more information up front in permitting process but benefits are substantial
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# MoEIS Upgrade

- New Fast Path layout allows most users to complete EIQ in one screen
  - User updates throughputs; all other data rolled forward
  - Key is facility “Structure” for accurate data calculations
  - Error checks being reviewed, with eye to reducing
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# Draft Fast Path MoEIS Screen

MoDNR - MoEIS Portable Equipment List - Microsoft Internet Explorer provided by Missouri DNR

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites

Address <http://n-nr1ntra.ads.state.mo.us/draft%2Dsystems/MoEIS/tierdesign/fast-path.htm> Go Links

## Fast Path

*Use this screen for updating annual throughput values to calculate emissions in tons per year (TPY) for existing emission units. Any updates to emission factors (EF) and overall control efficiencies (CE) can be made by clicking on the hyperlinks below. To add new emission units or source classification codes (SCCs), use the FAST TRACK screen (click HOME on the gold bar at the top of this page). If you need assistance, please call the MoEIS help desk line at 866-663-4748.*

**Search For:**

Emission ID:  SCC:  Op. Status:  Pollutant:

EU#	Description	SCC	Segment No.	Throughput	UOM	Op. Status
EP1	Boiler	<a href="#">12345678</a>	1234	<input type="text"/>	<a href="#">MMCF</a>	<a href="#">Active</a>
<b>Pollutants</b>						
		Source of the EF	EF	EF.UOM	CE	Emiss (TPY)
	PM10	Junk 1	<a href="#">0.08</a>	MM	<a href="#">0</a>	1.08
	SOx	Junk 2	<a href="#">0.01</a>	MN	<a href="#">0</a>	0.06
	NOx	Junk 3	<a href="#">1.08</a>	AA	<a href="#">0</a>	0.90
	VOC	Junk 4	<a href="#">0.06</a>	BB	<a href="#">0</a>	0.00
	CO	Junk 5	<a href="#">0.90</a>	CC	<a href="#">0</a>	0.00

Done Local intranet

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# Improving is Part of the Process

- We will continue looking for ways to reduce the emissions reporting burden
- We will utilize principles of consistency, quality, simplicity, and prioritization
- We'd like to hear from you

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