

# Emissions Inventory Updates

January 2021

Presented by  
Carrie Schroeder, Emissions Inventory Manager

# Contact Information

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# Presentation Questions, Comments, Reviews

- ▶ Access our online workshop comment form at:  
<https://www.deq.ok.gov/air-quality-division/emissions-inventory/emissions-inventory-workshop/>
- ▶ Please include your name, affiliation and contact information.

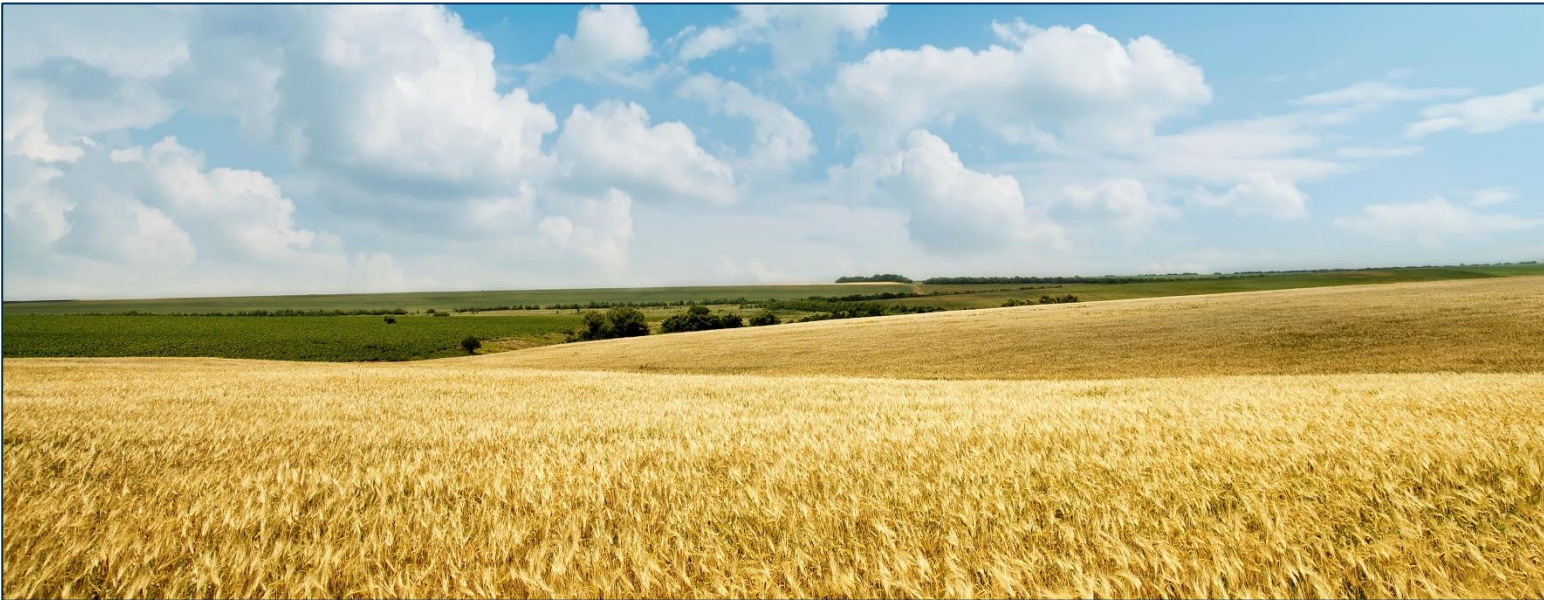
# Remember Air Quality Rules Always Apply

<https://www.deq.ok.gov/asd/rules-and-regulations/>

# Presentation Topics

- ▶ Review emissions inventory basics
- ▶ Other air programs
- ▶ New SLEIS features/reporting updates

# Emissions Inventory Review



# What is an Emissions Inventory?

- ▶ A report of actual emissions of regulated pollutants during the previous year
- ▶ Provides a description to DEQ of your facility and its operations



# Who Is Required to File an Inventory?

- ▶ The owner or operator of any facility that is a source of Regulated Air Pollutants (RAP)
- ▶ Facilities with Individual Permits, or registered under a General Permit
- ▶ **All facilities registered under a Permit by Rule are required to report a 2020 inventory.**
- ▶ “Special Inventories” upon request by AQD Director
- ▶ Exception: Permit Exempt & De Minimis facilities are not required to file an inventory



# 2020 Permit by Rule (PBR) Facilities

- ▶ Review your list of PBR facilities in SLEIS early in the reporting season to verify operating status and ownership changes. Submit required form for change of ownerships.
- ▶ Submit permit termination requests for closed, permit exempt, or de minimis facilities. This prevents the need for our office to contact you.
- ▶ Temporarily shut down facilities retain their permits; an inventory is still required for 2020 - change facility and equipment status to Temporarily Shutdown.



# Annual Operating Fees

- ▶ Two years in arrears
  - 2020 inventories submitted by April 1, 2021 - billed in 2022
  - This allows the Emission Inventory Section ample time for quality control
- ▶ The Title V operating fee was set at \$32.30 per ton in 2008, and it is adjusted yearly based on the change in the annual Consumer Price Index
  - The 2021 Title V fee is \$40.38 per ton
- ▶ The minor source fee is fixed at \$25.12 per ton

# Operating Fees Continued

- ▶ Pollutants are not double billed
  - We split your reported Total VOC into HAP and non-HAP VOC for billing
  - We only bill for PM-10. (PM-2.5 is a subset of PM-10)

TONS OF REGULATED AIR POLLUTANTS							
TOTAL BILLABLE	NOX	SOX	PM-10	HAP	TOX	VOC	OTHER*
7.185	3.020	0.033	0.394	0.022	0.000	3.716	0.000

- When calculating PBR annual operating fees, the last reported inventory emission amounts are used

# Operating Fee Update

- ▶ To align with EPA and continually rising operational costs, we updated our operating fee billing practices for TV facilities that:
  - amend inventories that have already been invoiced, or
  - report inventories late that would have already been invoiced if reported on time
- ▶ Title V fees due to late or amended inventories will be accessed at the current year Title V rate.
  - For example, if a TV facility submitted an amendment to a 2017 inventory in January 2021, then the increase in emissions will be billed at the 2021 TV rate. Since we bill 2 years in arrears, the original invoice would have been paid in 2019 and based on the 2019 TV rate. Only the *additional* emissions will be re-invoiced, and they will be billed at the current rate, instead of the previously used rate.
  - Another example, if a TV facility failed to submit their 2017 inventory on time, and ended up submitting it in March 2021, then they would be billed at the 2021 rate (instead of the 2019 rate) for all of their emissions.


# Operating Fee Update Continued

- ▶ This update does not affect minor sources because the minor source fee is a set fee (\$25.12 per ton) that does not change with the Consumer Price Index.
- ▶ Our billing threshold of 5 tons (or 5+ tons increase) company-wide has not changed. An amendment must exceed the billing threshold to receive another invoice.

<https://www.deq.ok.gov/air-quality-division/emissions-inventory/emissions-inventory-operating-fees/>

# Invoice

- Invoices are sent out July 1<sup>st</sup>
- Payment due July 31<sup>st</sup>
- Vital to have correct Responsible Official information
- Form 100-882 must be signed and submitted to update the Responsible Official



**OKLAHOMA**  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
Air Quality Division

Mailing Address:  
Department of Environmental Quality  
Administrative Services - Accounts Receivable  
P O Box 2036  
Oklahoma City, OK 73101  
DEQ's FEI # 73-6017987

**2020 AIR QUALITY ANNUAL OPERATING FEE**  
BASED UPON EMISSIONS REPORTED FOR 2018

Account: 0000484982

Note: Authorized Fees: (See back of invoice)  
Emissions Inventory Questions: Michelle Horn 405-702-4211  
Accounts Receivable Questions: 405-702-1130

Invoice: 20070190284  
Invoice Date: 7/01/2020  
Due Date: 7/31/2020  
Purchase Order:

Company ID: [REDACTED]

**STATE OF OKLAHOMA - 2018 REPORTED EMISSIONS**  
(SEE INSTRUCTIONS ON REVERSE)

FACILITY INFO	TONS OF REGULATED AIR POLLUTANT							
SEE SUMMARY	TOTAL BILLABLE	NOX	SOX	PM-10	HAP	TOX	VOC	OTHER*
	87.079	31.991	0.001	0.009	6.996	0.000	48.082	0.000

\*OTHER tons comprise Ozone and Hydrogen Sulfide.

FEE CALCULATION		
TOTAL TONS	RATE PER TON	TOTAL FEE
87.079	SEE SUMMARY	\$2,187.42

DETACH HERE

KEEP

Invoice: 20070190284 Amount Due: \$2,187.42

Account: 0000484982

DEPOSIT INFORMATION: 59002 \$2,187.42  
DEQ USE ONLY 59003

DEPARTMENT OF ENVIRONMENTAL QUALITY  
ADMINISTRATIVE SERVICES - ACCOUNTS RECEIVABLE  
P O BOX 2036  
OKLAHOMA CITY OK 73101

Please Choose One Form of Payment **SEND**  
Emissions Non-Title V [50002] - Emissions Title V [50004]

☐ Check / Money Order Made Payable to DEQ

☐ Electronic Payment\* Date of Transfer: \_\_\_\_\_  
Chase; Routing #103000648 Account #10020052  
\*If paying electronically, must notify DEQ Accounts Receivable at: ARhelpdesk@deq.ok.gov

☐ Purchase Order No.: \_\_\_\_\_


☐ Visa or MasterCard: \_\_\_\_\_  
Pay by telephone: 405-702-1130 Exp (mm/yy) DEQ Use Only

Authorized Signature and Phone # \_\_\_\_\_

Card Number: \_\_\_\_\_

# #100-882 Designation of Responsible Official

<https://www.deq.ok.gov/air-quality-division/forms-public-participation/air-forms/>




		<b>100-882 Designation of Responsible Official/SLEIS Registration</b> Oklahoma Department of Environmental Quality, Air Quality Division, P.O. Box 1677, Oklahoma City, OK 73101-1677 (405) 702-4100 (Tel), (405) 702-4101 (Fax)	
Please mail completed forms to the Air Quality Division office or email to <a href="mailto:aei@deq.ok.gov">aei@deq.ok.gov</a> All SLEIS User Registrations Require a Responsible Official Signature			
<b>Section 1: Responsible Official (RO) Registration</b>			
RO Name			
RO Address			
City		Phone/Extension	
State, Zip		Cell Phone	
RO Email (required)		Fax	
<b>Section 2: Responsible Official SLEIS Role Selection</b> – All ROs are assigned as Submitter, Administrator, and Viewer. The Editor role is optional.			
Assigned	Submitter – Can initiate submission process		
	Administrator – Can remove or change a user's role (assigned to same company)		
	Viewer – Can view the contents of a report, but cannot make any data modifications		
Optional	<input type="checkbox"/>	Editor – Can view, start, modify, enter a report (facility inventory and emissions data)	
<b>Section 3: Company and Facility Information</b> – An RO can be associated with multiple companies and facilities. An RO can be associated with all the facilities at a company or only a portion of facilities at a company. Check the all facilities checkbox, list your associated facilities below, or attach a list of your associated facilities.			
Company Name(s)			
	<input type="checkbox"/>	Assign RO to all facilities at the Company(s)	
Facility Name(s)			
<b>Section 4: Certification</b> – I certify that I am a Responsible Official for the above-listed facility(s) meeting the definition of OAC 252:100-1-3.			
RO Signature		Title	Date

You can have multiple ROs on file!

# SLEIS User Review

## Change of Company Personnel or Consultants


- ▶ The SLEIS administrator has the ability to remove SLEIS account holders from their company accounts
  - Please review annually and update/remove SLEIS account holders that no longer need access
  - Contact DEQ to request those users' accounts be deactivated
- ▶ Submit paperwork to add new individuals

Company Users				
Name	Email	Company Roles	Status	Actions
EMISSIONS INVENTORY SECTION	aei@deq.ok.gov	Editor, Submitter, Administrator	Active	  



# #100-733 SLEIS User Registration

<https://www.deq.ok.gov/air-quality-division/forms-public-participation/air-forms/>

		<b>100-733 SLEIS User Registration</b> Oklahoma Department of Environmental Quality, Air Quality Division, P.O. Box 1677, Oklahoma City, OK 73101-1677 (405) 702-4100 (Tel), (405) 702-4101 (Fax)	
Please mail completed forms to the Air Quality Division office or email to <a href="mailto:aei@deq.ok.gov">aei@deq.ok.gov</a>			
<b>Section 1: SLEIS User Registration</b>			
Name			
Contact	<input type="checkbox"/>	Check if you are the primary facility contact for emissions inventory issues	
	<input type="checkbox"/>	Check if you are a consultant or contractor for the facility(s)	
Address			
City		Phone/Extension	
State, Zip		Cell phone	
Email (required)		Title	
<b>Section 2: SLEIS Role Selection</b> – Choose either Editor or Viewer. <b>Consultants and contractors cannot choose the Administrator role.</b>			
Optional	<input type="checkbox"/>	Administrator – Can remove or change a user's role (assigned to same company)	
Check one	<input type="checkbox"/>	Editor – Can view, start, modify, and edit a report (facility inventory and emissions data)	
	<input type="checkbox"/>	Viewer – Can view the contents of a report, but cannot make any data modifications	
<b>Section 3: Company and Facility Information</b> – A SLEIS user can be associated with multiple companies and facilities. A SLEIS user can be associated with all the facilities at a company or only a portion of facilities at a company. Check the all facilities checkbox, list your associated facilities below, or attach a list of your associated facilities.			
Company Name(s)			
<input type="checkbox"/>	Assign SLEIS user to all facilities at the Company(s)		
Facility Name(s)			
<b>Section 4: Certification</b> – All SLEIS User Registration forms require a Responsible Official's signature. I certify that I am a Responsible Official for the above-listed facility(s) meeting the definition of OAC 252:100-1-3.			
RO Name		RO Signature	Title
			Date

To update the Main Facility Contact, add a consultant, or add an additional SLEIS user submit form 100-733

# Change of Ownership

Responsibilities of the:

- **Transferor (Seller)**

“The transferor shall notify the DEQ using a prescribed form **no later than 30 days** following the change in ownership.”

- **Transferee (Purchaser)**

“The transfer of ownership of a stationary source or a facility is an administrative amendment that shall subject the new owner or operator to existing permit conditions &/or compliance schedules.”

# Ownership & Annual Operating Fee Liability

- ▶ **Change of ownership** - New owners assume liability for payment of the annual operating fees based on emission reported in years of operation prior to transfer of ownership. (However, purchase contracts can shift the liability to the previous owner.)
- ▶ To change the ownership of a facility, submit **Form 100-883**.

# #100-883 Administrative Change Notification (Transfer of Ownership)

<https://www.deq.ok.gov/air-quality-division/forms-public-participation/air-forms/>

<b>AIR QUALITY DIVISION</b> <b>ADMINISTRATIVE CHANGE NOTIFICATION</b> Request for Transfer and Administrative Amendment of Permit		Oklahoma Dept. Of Environmental Quality Air Quality Division 707 N Robinson, Suite 4100, P.O. Box 1677 Oklahoma City, Oklahoma 73101-1677	
<b>FACILITY INFORMATION</b>			
Facility Name (Current)			
Operating Permit No.			
Legal Description	Section	Township	Range
Latitude (to 3 Decimals)	Longitude (to 3 Decimals)		
UTM coordinates	Horizontal	Vertical	Zone
Physical Address or Driving Directions			
City or Nearest Town	County	Zip	
<b>INFORMATION UPDATE</b>			
INFORMATION ITEM	PREVIOUS/CURRENT (Transferor)	NEW (Transferee)	
Facility Name	[Listed Above]		
Company Name (Owner/Operator)			
Headquarters Mailing Address			
City			
State			
Zip			
Responsible Official (Name)			
Title			
Phone			
Fax			
Email Address			
Technical Contact (Name)			
Title			
Phone			
Fax			

# Invoicing Transferred Facilities

**\*\*Ensure your facility transfer form is sent in by the 30 day deadline so that your invoice shows the correct list of facilities\*\***

# Wrap Up of Important Dates



- ▶ Annual report “stubs” are created in SLEIS by January 1
- ▶ Emission inventory reports **due April 1**
- ▶ Deadline with approved 30 day extension - May 1
- ▶ Invoices mailed July 1
- ▶ Operating Fees **due July 31**
- ▶ Facility transfers are due 30 days from transfer

# Other Air Programs





# Tier II Reporting

<https://www.deq.ok.gov/land-protection-division/chemical-reporting-and-preparedness/tier-ii/tier-ii-reporting/>

- ▶ Emergency Planning and Community Right-to-Know Act (EPCRA)
- ▶ Established to help communities plan for potential chemical emergencies
- ▶ Administered by DEQ Land Protection Division: Due on March 1 of each year
- ▶ Information: 405-702-5100





# Toxics Release Inventory (TRI) Program

<https://www.epa.gov/toxics-release-inventory-tri-program>

<https://www.epa.gov/toxics-release-inventory-tri-program/tri-threshold-screening-tool>

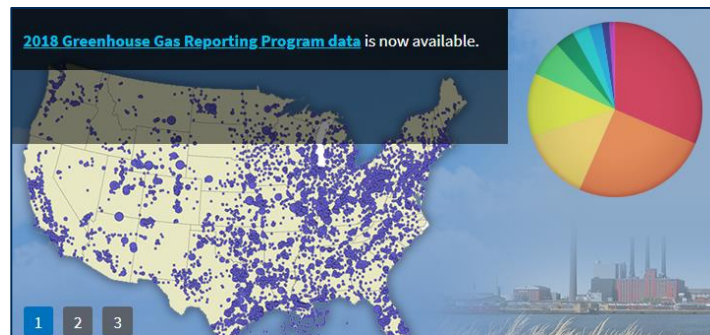
- The TRI is a resource for learning about toxic chemical releases and pollution activities reported by industrial and federal facilities



# Greenhouse Gas Reporting

- ▶ GHGRP is a Federal requirement
- ▶ DEQ is not involved in the implementation or reporting of the Greenhouse Gas Inventory
- ▶ EPA Greenhouse Gas Reporting Program
- ▶ EPA Greenhouse Gas Applicability Tool
- ▶ EPA Electronic Greenhouse Gas Reporting Tool (e-GGRT)

<https://www.epa.gov/ghgreporting>



# New SLEIS Features

## State and Local Emissions Inventory System

**SLEIS**  State & Local  
Emissions Inventory System

### Welcome

Welcome to the Oklahoma State and Local Emissions Inventory System (SLEIS), a web-based application that allows permitted facilities to compile and submit point source emissions inventory data in accordance with regulatory reporting.

# 2021 SLEIS Improvements

1. Source Classification Code (code only) added as an information field on the template file Processes.csv (single and batch)
2. Facility emission totals added to each facility's Copy of Record
3. Amendments can be initiated by a company or DEQ
4. The single/batch upload file names can be renamed and uploaded without causing an input error

# 2021 SLEIS Improvements - #1

- Process Source Classification Code (SCC) added as an information field on the template file Processes.csv (single and batch)

EmissionUnitId	ProcessId	ProcessSCC	IsReporte	IsConfide	Throughpi	Throughpi	Throughpi	Throughpi
185190	311229	31000404	TRUE	FALSE	10.22	E6FT3	I	209
185191	311230	40400154	FALSE	FALSE				t
185192	311231	40400300	FALSE	FALSE				t
185192	311232	40400301	TRUE	FALSE	20000	E3GAL	E	868
185192	311233	40400302	FALSE	FALSE				t
185193	311234	40400315	FALSE	FALSE				t
185194	311235	31000220	FALSE	FALSE				t

# 2021 SLEIS Improvements - #2

- Facility emission totals added to each facility's Copy of Record (also known as your emissions inventory report)

2019 Emissions Inventory Report			
TEST - OK DEQ AQ COMPANY - C (4446)			
Emissions Summary for TEST - GENERIC OIL AND GAS 9 (20968)			
CRITERIA AIR POLLUTANT (CAP) EMISSIONS TOTALS			
Pollutant Code/CAS #	Pollutant Name		Total Emissions (tons)*
CO	Carbon Monoxide		4.629
PM10-PRI	PM-10 (All Particulate Matter <10 microns)		0.039
VOC	Total VOC		360.028
HAZARDOUS AIR POLLUTANT (HAP) and/or OTHER POLLUTANT EMISSIONS TOTALS			
Pollutant Code/CAS #	Pollutant Name	Is VOC/PM?	Total Emissions (tons)*
71432	Benzene (HAP-TOX)	VOC	2.5
50000	Formaldehyde (HAP-TOX)	VOC	0.003
*Rounded to 3 digits past the decimal point. Note that where rounding results in 0, <.001 is indicated.			

# 2021 SLEIS Improvements - #3

- ▶ The company has the ability to request to amend an inventory (no change)
- ▶ Now DEQ can also initiate an amendment for a facility

## 2019 Emissions Report

Submitted

Facility Inventory

Facility

Release Points

Control Devices

Emission Units

Unit Processes

Emissions

Process Emissions

Report Attachments

[Download Template](#)

More Actions

[Print Report](#)

### TEST - OK DEQ AQ COMPANY - C

Company Identifier:  
4446

Mailing Address:  
P.O. Box 1677  
Oklahoma City, OK, 73101-1677  
US

Phone: (405) 702-0100  
Fax:

Your roles at this company are:  
Administrator, Editor, Submitter

### TEST - GENERIC OIL AND GAS 9

Facility Identifier:  
20968

Location Address:  
0.93MI N OK11/N2700 RD JN  
CHEROKEE, OK 73722

Your roles at this facility are:  
None

### Submission Status

2 versions of this emissions report have been submitted.

[View Submission History](#)

[RequestAmendment](#)

### Full Emissions Report

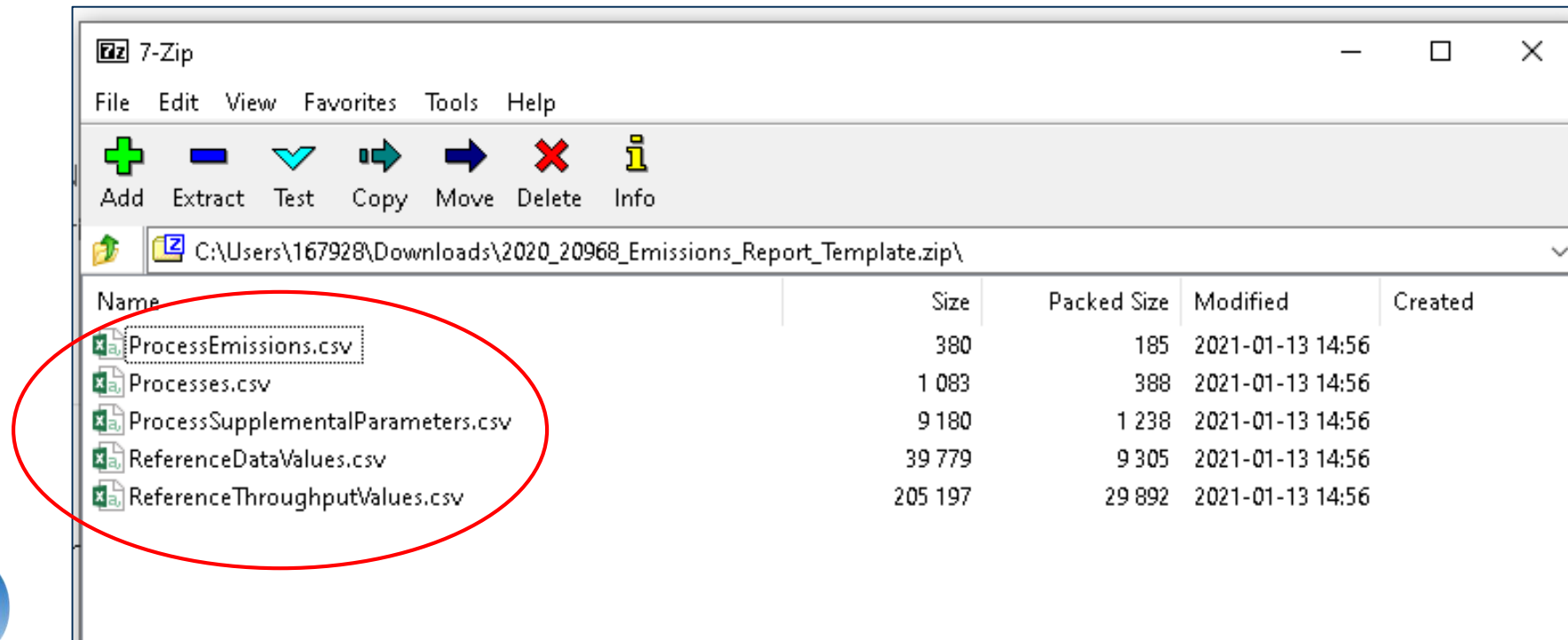
Emissions Inventory Report (unredacted) - [HTML](#) | [PDF](#)

### Summary Reports

Total Emissions by Facility - [CSV](#) | [HTML](#) | [PDF](#)  
Total Emissions by Emission Unit - [CSV](#) | [HTML](#) | [PDF](#)  
Total Emissions by Release Point - [CSV](#) | [HTML](#) | [PDF](#)  
Process Emissions Summary - [CSV](#)

# 2021 SLEIS Improvements - #4

- ▶ Template file names can be changed. SLEIS will be looking at the fields inside the file to determine which file it is. Example:
  - Previously: Processes.csv
  - Now: 2020ABCFacilityProcesses.csv





# Other Reporting Updates

# Reporting Updates - Tanks

- ▶ EPA's Tanks 4.09D is no longer approved for calculating tank emissions.
- ▶ Effective April 9, 2020, DEQ requests that applicants follow the updated calculation method provided in EPA's AP-42 Chapter 7, Section 7.1- Organic Liquid Storage Tanks and discontinue use of TANKS 4.09d for permit application submissions. The new AP-42 method corrects errors for more accurate emissions estimates. The EPA webpage links to the final version of AP-42 Chapter 7, Section 7.1, a revision summary, a redline version highlighting (draft) changes, and responses to public comments.
  - Starting with the 2020 inventories, companies are required to follow the updated calculation method

# Reporting Updates - Tanks

- ▶ DEQ has developed a new Storage Tank Emissions Calculation Tool for fixed roof and horizontal tanks. The tool is available online and downloadable for offline use. Floating roof tanks, landing, and cleaning calculations will be addressed in a future release.

- Tool:

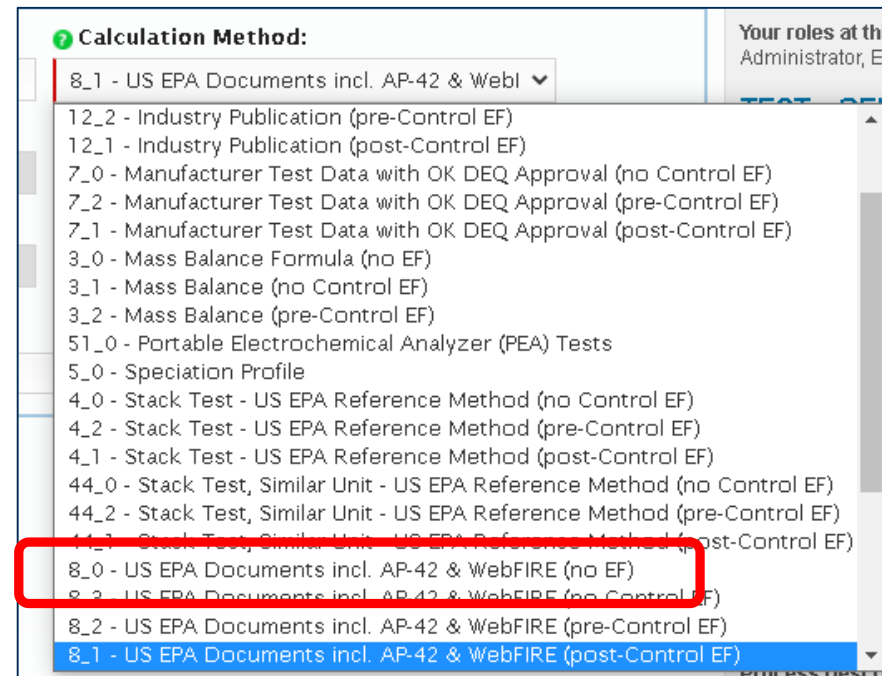
<https://www.deq.ok.gov/air-quality-division/air-permits/storage-tank-emissions-calculation-tool/>

- Sign up for Air Permits mailing list to receive further updates:

<https://www.deq.ok.gov/air-quality-division/sign-up-for-air-quality-notifications/>

# Reporting Updates - Tanks

- ▶ 2019 reports are the last time EPA Tanks software can be used as the emissions calculation method
- ▶ 2020 reporting needs to utilize the AP-42 updates and select “8\_0 - US EPA Documents incl. AP-42 & WebFIRE (no EF)” emissions calculation method



The screenshot shows a web-based interface for selecting a calculation method. A dropdown menu is open, displaying a list of options. The option "8\_0 - US EPA Documents incl. AP-42 & WebFIRE (no EF)" is highlighted with a red rectangular box. The interface includes a header with a green question mark icon and the text "Calculation Method:". To the right of the dropdown, there is a section titled "Your roles at this" with the text "Administrator, Ec". The bottom of the interface shows a "Process Descri" label.

**Calculation Method:**

8\_1 - US EPA Documents incl. AP-42 & WebFIRE (no EF) ▼

- 12\_2 - Industry Publication (pre-Control EF)
- 12\_1 - Industry Publication (post-Control EF)
- 7\_0 - Manufacturer Test Data with OK DEQ Approval (no Control EF)
- 7\_2 - Manufacturer Test Data with OK DEQ Approval (pre-Control EF)
- 7\_1 - Manufacturer Test Data with OK DEQ Approval (post-Control EF)
- 3\_0 - Mass Balance Formula (no EF)
- 3\_1 - Mass Balance (no Control EF)
- 3\_2 - Mass Balance (pre-Control EF)
- 51\_0 - Portable Electrochemical Analyzer (PEA) Tests
- 5\_0 - Speciation Profile
- 4\_0 - Stack Test - US EPA Reference Method (no Control EF)
- 4\_2 - Stack Test - US EPA Reference Method (pre-Control EF)
- 4\_1 - Stack Test - US EPA Reference Method (post-Control EF)
- 44\_0 - Stack Test, Similar Unit - US EPA Reference Method (no Control EF)
- 44\_2 - Stack Test, Similar Unit - US EPA Reference Method (pre-Control EF)
- 44\_1 - Stack Test, Similar Unit - US EPA Reference Method (post-Control EF)
- 8\_0 - US EPA Documents incl. AP-42 & WebFIRE (no EF)**
- 8\_2 - US EPA Documents incl. AP-42 & WebFIRE (no Control EF)
- 8\_2 - US EPA Documents incl. AP-42 & WebFIRE (pre-Control EF)
- 8\_1 - US EPA Documents incl. AP-42 & WebFIRE (post-Control EF)

Your roles at this  
Administrator, Ec

Process Descri

# Reporting Updates - Emission Unit Type

- ▶ “Coke Battery” was added as an Emission Unit Type. It was previously omitted in oversight.

**SLEIS Supporting Documentation**  
The following documents are provided as supporting materials that may be useful when

- SLEIS Training Webinars
- SLEIS Facility Application Guide - version 2.5
- SLEIS Code Tables (Excel Workbook) ←
- SLEIS File Import Specification - (Batch/Bulk Import) - version 2.6.1
- SLEIS File Import Specification - (Report Homepage Import) - version 2.6.1
- Regulated Air Pollutants (RAPs)
- Emissions Inventory Frequently Asked Questions (FAQs)
- External Resources including NAICS, SIC, SCC and AP-42 Emission Factor search
- Guide to Determining Oil and Gas Facility Categories
- Tips on reporting Flares, Tanks and Glycol Dehydrators in SLEIS

**2020 Emissions Report**

**Emission Units**

Emission Unit	Additional Information
<b>Identifier:</b> 185191	
<b>Type:</b> 230 - Coke Battery	

# Reporting Updates - PM Metals

- ▶ Particulate Matter (PM) metal emission totals should be speciated (reported as a metal emission) *and also* be included in the appropriate PM amount (PM-10 primary or PM-2.5 primary). PM-10 primary/PM-2.5 primary permit factors normally include the metal emissions.
  - DEQ will be checking that this is being done!

# Reporting Updates - Pollutants

- Many pollutant names were updated to align with rules/regulations. Here are some examples:

Pollutant Code	New 2021 SLEIS Pollutant Description	Previous SLEIS Pollutant Description
VOC	Volatile Organic Compounds (VOCs)	Total VOC
7664939	Sulfuric acid (including acid mist expressed as H <sub>2</sub> SO <sub>4</sub> )	Sulfuric acid
SO <sub>2</sub>	Sulfur Oxides (SO <sub>x</sub> ) expressed as SO <sub>2</sub>	Sulfur Oxides - SO <sub>x</sub>
PM <sub>25</sub> -PRI	PM 2.5 - Primary (Filterable + Condensible)	PM-2.5 (All Particulate Matter <2.5 microns)
PM <sub>10</sub> -PRI	PM 10 - Primary (Filterable + Condensible)	PM-10 (All Particulate Matter <10 microns)
NO <sub>x</sub>	Nitrogen Oxides (NO <sub>x</sub> ) expressed as NO <sub>2</sub>	Nitrogen Oxides - NO <sub>x</sub>
7664393	Hydrogen fluoride (Hydrofluoric acid)	Hydrogen fluoride
7647010	Hydrochloric acid	Hydrogen chloride
71432	Benzene (including benzene from gasoline)	Benzene

# Reporting Updates - Pollutants

- ▶ Hazardous air pollutant “DDE” - one of our reporters asked us about DDE’s CAS number (also used as the pollutant code) last year and we worked with EPA to get it corrected on their HAP list and in data sets.

Old (Incorrect) Pollutant Code	Pollutant Code - Description
72559	DDE

↓

New Pollutant Code	Pollutant Code - Description
3547044	DDE



# Reporting Updates - Pollutants

Pollutant Code	Pollutant Code - Description
<del>OKDEQ5215</del>	<del>Dioxins/furans (non-HAP)</del>

- “Dioxins/furans (non-HAP)” was retired because the regulated air pollutants list in the Rules reference NSPS: tetra- through octa-chlorinated dibenzo-p-dioxins and dibenzofurans. Emissions of this type should be reported under these pollutants:

Pollutant Code	Pollutant Code - Description
1746016	2,3,7,8-Tetrachlorodibenzo-p-dioxin
123911	1,4-Dioxane (1,4-Diethyleneoxide)
VOC	Volatile Organic Compounds (VOCs)
PM25-PRI	PM 2.5 - Primary (Filterable + Condensable)
PM10-PRI	PM 10 - Primary (Filterable + Condensable)
250	Polycyclic Organic Matter
132649	Dibenzofuran

# Reporting Updates - Pollutants

Pollutant Code	Pollutant Code - Description
<del>OKDEQ5216</del>	<del>Fluorides (non-HAP)</del>

- “Fluorides (non-HAP)” was retired because it is covered by these pollutants:

Pollutant Code	Pollutant Code - Description
7664393	Hydrogen fluoride (Hydrofluoric acid)
1582098	Trifluralin
VOC	Volatile Organic Compounds (VOCs)
PM25-PRI	PM 2.5 - Primary (Filterable + Condensable)
PM10-PRI	PM 10 - Primary (Filterable + Condensable)
16984488	Fluorine expressed as Fluoride, F-

New pollutant!

# Reporting Updates - Pollutants

- ▶ We added “Total Reduced Sulfur (TRS) expressed as Sulfur” as a pollutant because it is on our regulated air pollutants list in our Rules.

Pollutant Code	Pollutant Code - Description
OKDEQ5822	Total Reduced Sulfur (TRS) expressed as Sulfur

# Reporting Updates - Pollutants

- ▶ If you have pollutant descriptions/CAS #/code in your tracking software or internal calculations spreadsheet, you will want to update those!

## SLEIS Supporting Documentation

The following documents are provided as supporting materials that may be useful when

- SLEIS Training Webinars
- SLEIS Facility Application Guide - version 2.5
- SLEIS Code Tables (Excel Workbook)
- SLEIS File Import Specification - (Batch/Bulk Import) - version 2.6.1
- SLEIS File Import Specification - (Report Homepage Import) - version 2.6.1
- Regulated Air Pollutants (RAPs)
- Emissions Inventory Frequently Asked Questions (FAQs)
- External Resources including NAICS, SIC, SCC and AP-42 Emission Factor search
- Guide to Determining Oil and Gas Facility Categories
- Tips on reporting Flares, Tanks and Glycol Dehydrators in SLEIS

Please be sure to view our other emission inventory training recordings!

<https://www.deq.ok.gov/air-quality-division/emissions-inventory/emissions-inventory-workshop/>

