San Diego County
Air Pollution Control District

Virtual Training Webinar
Data for Calendar Year 2023 Emission Inventory
February 26, 2024

Agenda

Program Overview

District Rule 19.3

CARB Criteria and Toxics Reporting (CTR)

Data Requests

Timeline & Extensions

What's New for Data Year 2023

Resources

Calculation Methods

Contacts

Q&A

Rule 19.3 Applicability

CARB AB2588 Hot Spots Program (Toxic)	• **Every 4 years**
	  • Toxic Emissions, Appendix A of the EICG
	  • Prioritization Scores
	  • HRA Requirements if applicable
		https://ww2.arb.ca.gov/our-work/programs/ab-2588-air-toxics-hot-spots

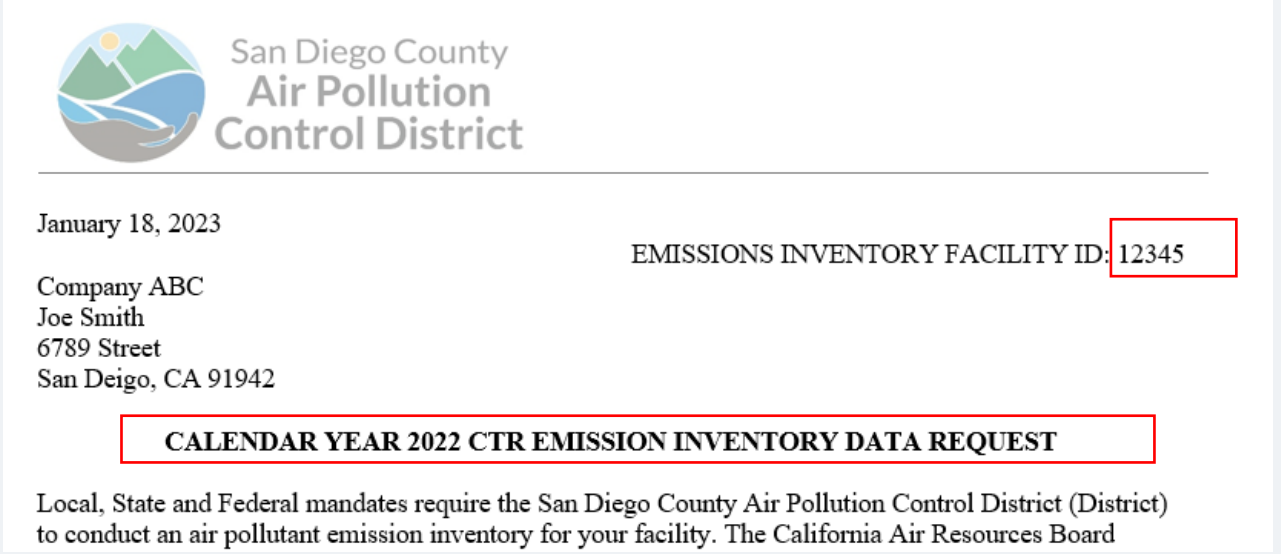
CARB Criteria & Toxics Reporting (CTR)	• **Annual**
	  • Mandatory Reporting Regulation Greenhouse Gas Facilities
	  • Criteria > 250 tpy
	  • Elevated Risk
		https://ww2.arb.ca.gov/our-work/programs/criteria-and-toxics-reporting

EPA Criteria	• **Annual** • 25 ton per year or more of NOx or VOC	https://www.govinfo.gov/content/pkg/USCODE-2013-title42/html/USCODE-2013-title42-chap85-subchapI-partD-subpart2-sec7511b.htm
District Criteria	• **Annual** • 5 ton per year of more of NOx or VOC	https://www.sdapcd.org/content/dam/sdapcd/documents/rules/current-rules/Rule-19.3.pdf
Community Emission Reduction Program (CERP)	• AB617 Communities • As Requested	https://www.sdapcd.org/content/sdapcd/community/community-air-protection-program/portside-cerp.html

2023 Data Request

- District staff have made best efforts to help identify facilities that are subject to reporting for CTR
- List of Facilities Required to Report 2023 Data
- District has sent about 160 Data Request Letters for DY 2023

Please note that this list is not encompassing of all facilities required to report and if a facility is not listed, that does not mean it is exempt from reporting.



San Diego County Air Pollution Control District

January 18, 2023

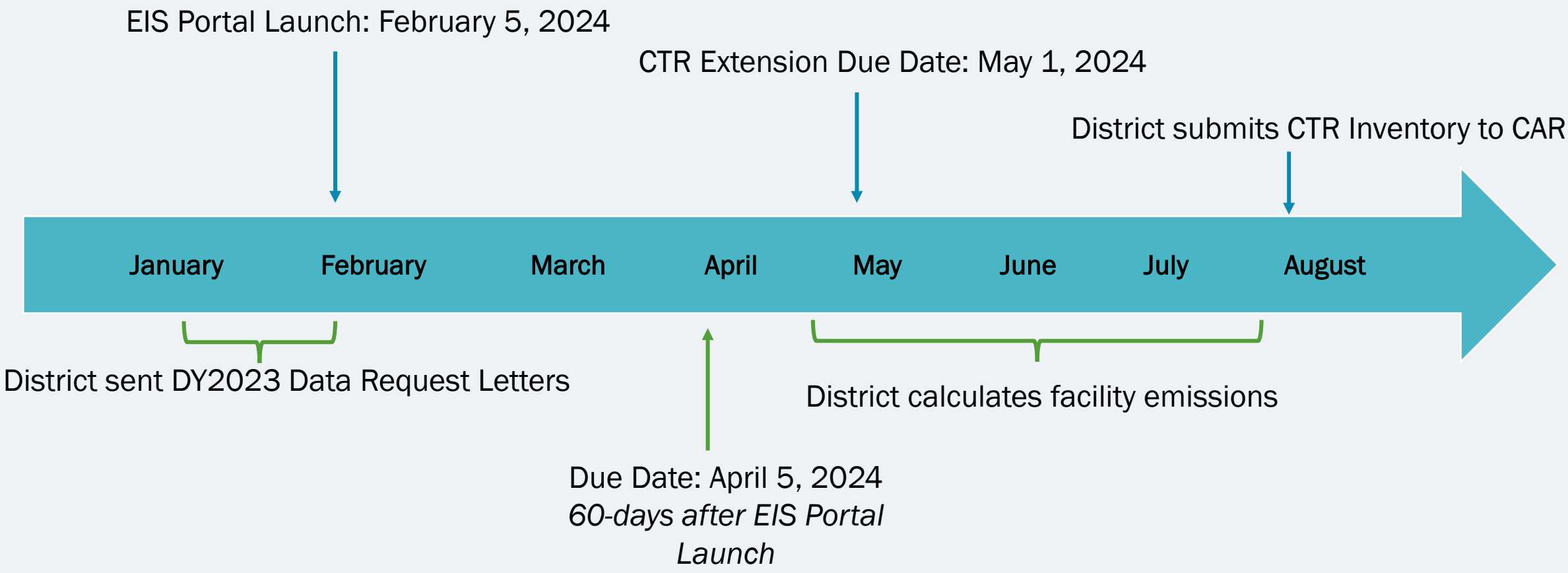
EMISSIONS INVENTORY FACILITY ID: 12345

Company ABC
Joe Smith
6789 Street
San Deigo, CA 91942

CALENDAR YEAR 2022 CTR EMISSION INVENTORY DATA REQUEST

Local, State and Federal mandates require the San Diego County Air Pollution Control District (District) to conduct an air pollutant emission inventory for your facility. The California Air Resources Board

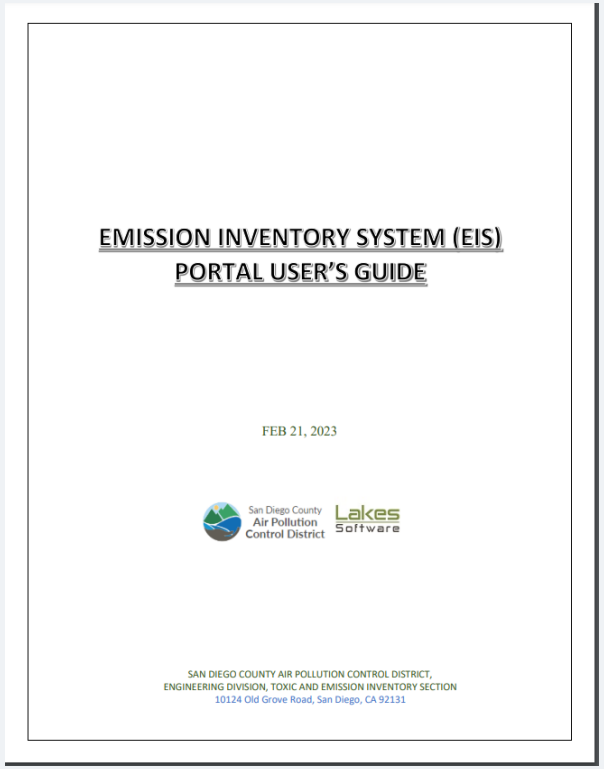
2023 Schedule



To request an extension please email APCDInventory@sdapcd.org. If reporting is delayed due to EIS Portal Technical Issues, the District will allow extensions to the best extent possible.

EIS Resources

EIS Portal User's Guide



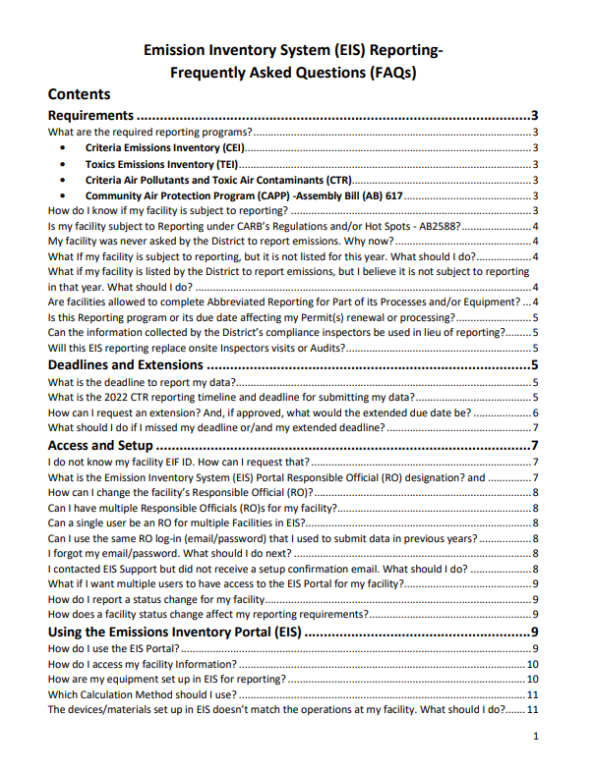
EMISSION INVENTORY SYSTEM (EIS)
PORTAL USER'S GUIDE

FEB 21, 2023

San Diego County Air Pollution Control District | Lakes Software

SAN DIEGO COUNTY AIR POLLUTION CONTROL DISTRICT,
ENGINEERING DIVISION, TOXIC AND EMISSION INVENTORY SECTION
10124 Old Grove Road, San Diego, CA 92131

EIS Frequently Ask Questions



**Emission Inventory System (EIS) Reporting-
Frequently Asked Questions (FAQs)**

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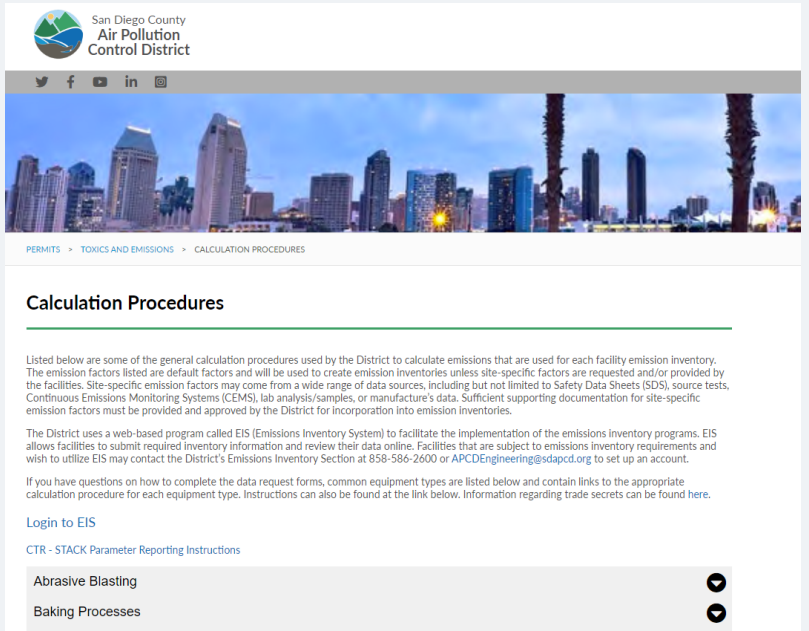
Emissions Calculation Procedures



San Diego County Air Pollution Control District

PERMITS > TOXICS AND EMISSIONS > CALCULATION PROCEDURES

Calculation Procedures

Listed below are some of the general calculation procedures used by the District to calculate emissions that are used for each facility emission inventory. The emission factors listed are default factors and will be used to create emission inventories unless site-specific factors are requested and/or provided by the facilities. Site-specific emission factors may come from a wide range of data sources, including but not limited to Safety Data Sheets (SDS), source tests, Continuous Emissions Monitoring Systems (CEMS), lab analysis/samples, or manufacture's data. Sufficient supporting documentation for site-specific emission factors must be provided and approved by the District for incorporation into emission inventories.

The District uses a web-based program called EIS (Emissions Inventory System) to facilitate the implementation of the emissions inventory programs. EIS allows facilities to submit required inventory information and review their data online. Facilities that are subject to emissions inventory requirements and wish to utilize EIS may contact the District's Emissions Inventory Section at 858-586-2600 or APCDEngineering@sdapcd.org to set up an account.

If you have questions on how to complete the data request forms, common equipment types are listed below and contain links to the appropriate calculation procedure for each equipment type. Instructions can also be found at the link below. Information regarding trade secrets can be found here.

Login to EIS

CTR - STACK Parameter Reporting Instructions

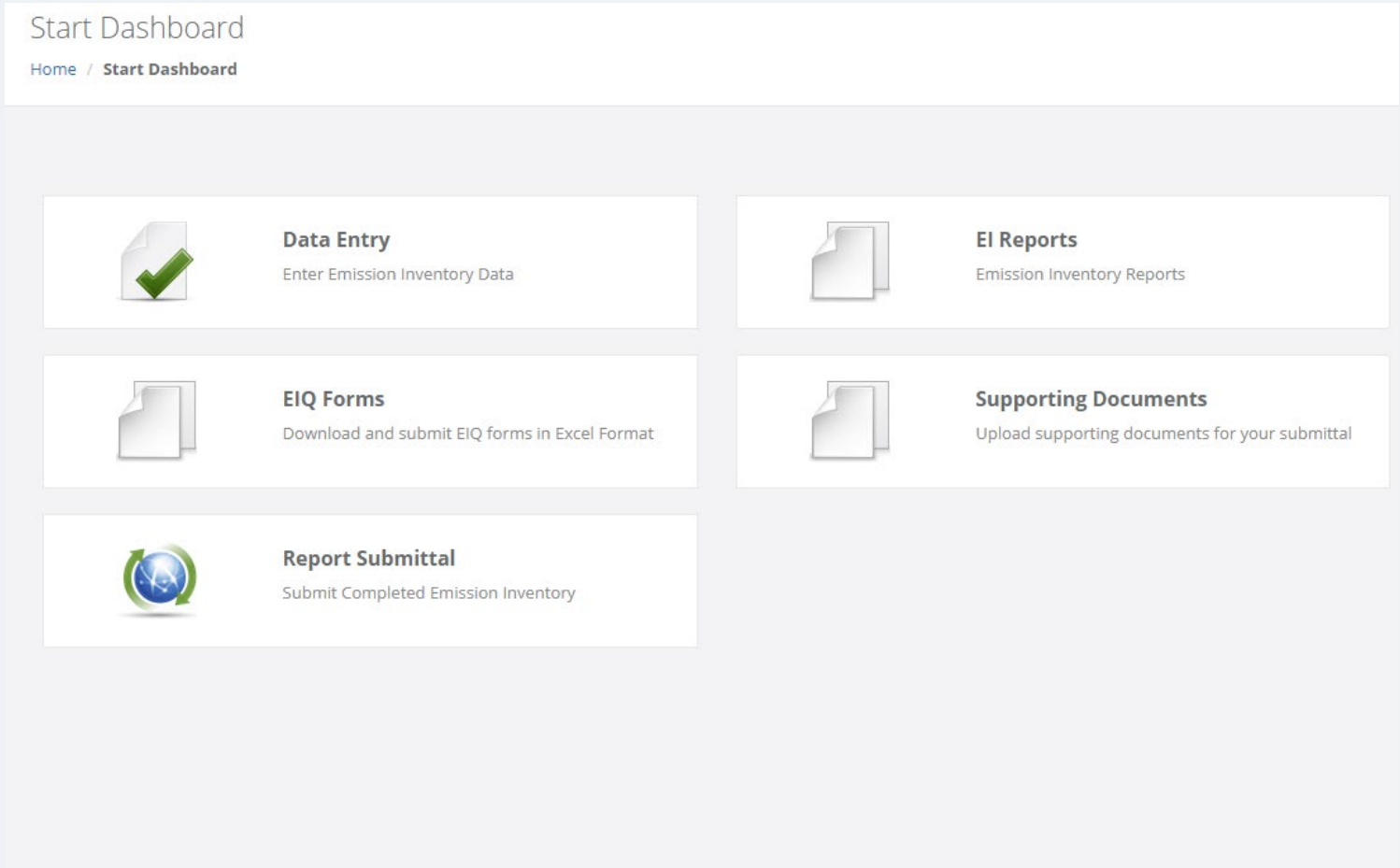
Abrasive Blasting

Baking Processes

What's New For 2023?

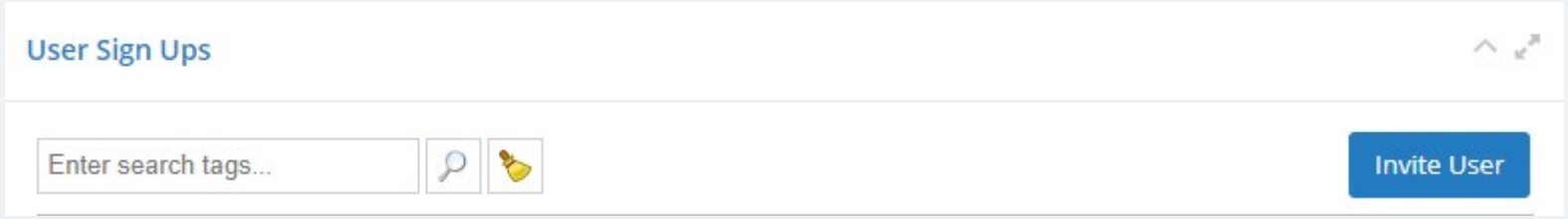
EIS – Updates to Start Dashboard

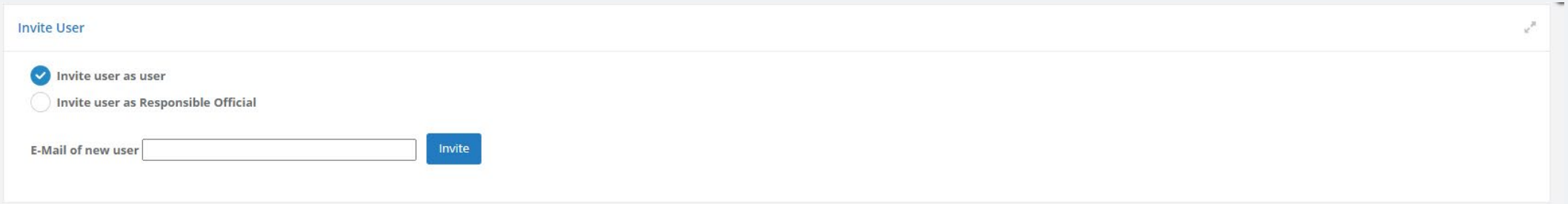
- Data Entry
  - Both ‘Data Entry Direct’ and ‘EI Questionnaire’ are found under Data Entry
- EI Reports
  - Draft and Final EI Reports



EIS – RO's Can Invite Users

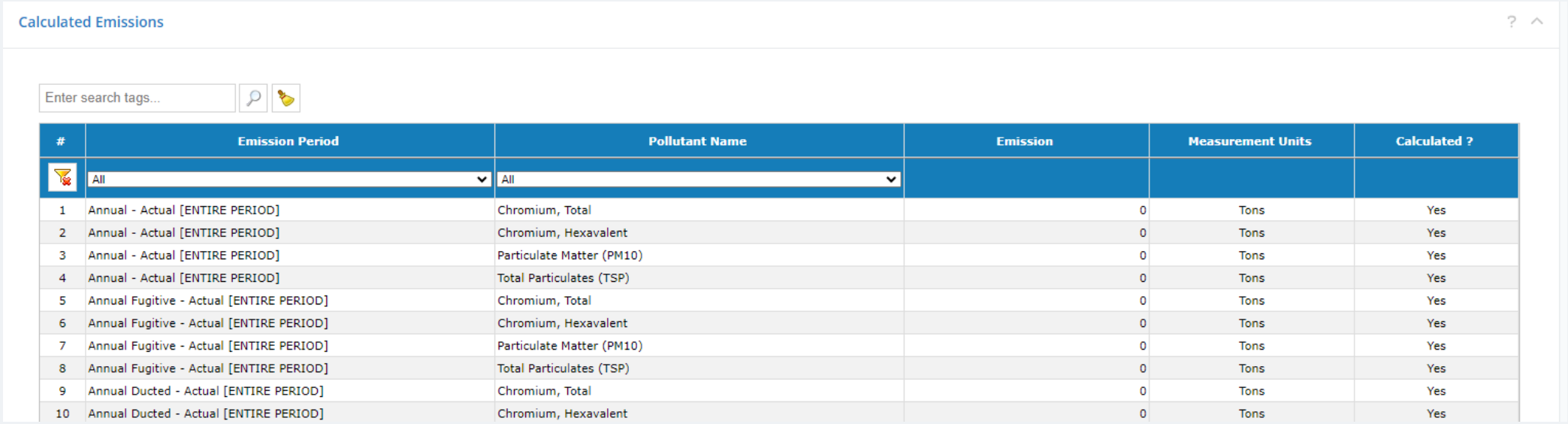
- Responsible Officials can now invite users to have access to a set of emission inventories
  - Owners with multiple facilities no longer need to approve user access individually





EIS – Emissions Preview

- Under ‘EI Questionnaire’ Calculated Emissions are available for preview
  - Available at Device level only
  - This is meant only to provide a preview and does not represent reviewed, approved emissions by the District



Calculated Emissions

Enter search tags...

#	Emission Period	Pollutant Name	Emission	Measurement Units	Calculated ?
	All	All			
1	Annual - Actual [ENTIRE PERIOD]	Chromium, Total	0	Tons	Yes
2	Annual - Actual [ENTIRE PERIOD]	Chromium, Hexavalent	0	Tons	Yes
3	Annual - Actual [ENTIRE PERIOD]	Particulate Matter (PM10)	0	Tons	Yes
4	Annual - Actual [ENTIRE PERIOD]	Total Particulates (TSP)	0	Tons	Yes
5	Annual Fugitive - Actual [ENTIRE PERIOD]	Chromium, Total	0	Tons	Yes
6	Annual Fugitive - Actual [ENTIRE PERIOD]	Chromium, Hexavalent	0	Tons	Yes
7	Annual Fugitive - Actual [ENTIRE PERIOD]	Particulate Matter (PM10)	0	Tons	Yes
8	Annual Fugitive - Actual [ENTIRE PERIOD]	Total Particulates (TSP)	0	Tons	Yes
9	Annual Ducted - Actual [ENTIRE PERIOD]	Chromium, Total	0	Tons	Yes
10	Annual Ducted - Actual [ENTIRE PERIOD]	Chromium, Hexavalent	0	Tons	Yes

EIS – Updates to EIQ Spreadsheets

- EIQ Spreadsheets are available for download under ‘EIQ Forms’ in the Start Dashboard
  - Download most recent versions of EIQ Forms to prevent security issues when adding devices
- <u>2023 Updates</u>
  - New ‘Action’ line to indicate ‘Add’, ‘Delete’ or ‘Zero’
  - To ‘Add’ a new material, use columns labeled ‘Placeholder’
  - Cannot edit existing Material Names

MATERIAL INFORMATION		
Material:	1	PlaceHolder
EQ Name:	A06-E15	
Action:	----	----
MATERIAL/PROCESS INFORMATION		
Fuel Type:		
Total Number of Aggregated Diesel Engines :		
Max Engine Rate (BHP):		
Non-Emergency Operations		
- Total Portable Fuel Usage (gals/year):		
- Max Hourly Fuel Usage (gals/hour):		
Renewable Diesel Used (yes/no):	No	No
Emergency Operations		
Annual Fuel Usage (gallons/year)		
Maximum Hourly Fuel Usage (gallons/hour)		

Support & Resources

- EIS Technical Support - including creating/modifying login information or designating an RO, please contact EIS.support@weblakes.com
- District Support - Please contact the APCDInventory@sdapcd.org
- Training Webinars – Current and Historical
  - https://www.sdapcd.org/content/sdapcd/permits/toxics-emissions/eis.html
- Calculation Methods & Reporting Guidance
  - https://www.sdapcd.org/content/sdapcd/permits/toxics-emissions/calculation-procedures.html
- EIS
  - http://eis.sandiegocounty.gov/Portal/Account/LogOn