

Workshop: Proposed Regulation for Criteria Pollutant and Toxic Air Contaminant Emissions Reporting



Presentation Outline

- ✓ Introduction and Scope
- Proposed Regulation: Key Elements
- Comments and Discussion
- Next Steps and Adjourn

Link to Slides

<https://www.arb.ca.gov/ei/ctr/ctr-regulation/ctr-regulation.htm>



Emissions Data is a Foundation of CARB's Programs

- Understand sources of different air pollutants
- Support state and federal programs including:
 - Regional air planning
 - Toxics risk reduction
 - Regulatory development
- Track progress of CARB's programs

Integrated Approach to Emission Inventory

- Provide enhanced transparency and public right-to-know
 - New legislative mandates under AB 197 and AB 617
- Modernize and integrate data management processes
 - Dramatically improve access to data in user-friendly forms, such as maps and graphs
 - Harmonize data submittal requirements, methods, deadlines, frequency (i.e., annual data updates), and Facility IDs
 - Enhance quality assurance/quality control methods
- Collect supplemental data to identify localized and cumulative impacts

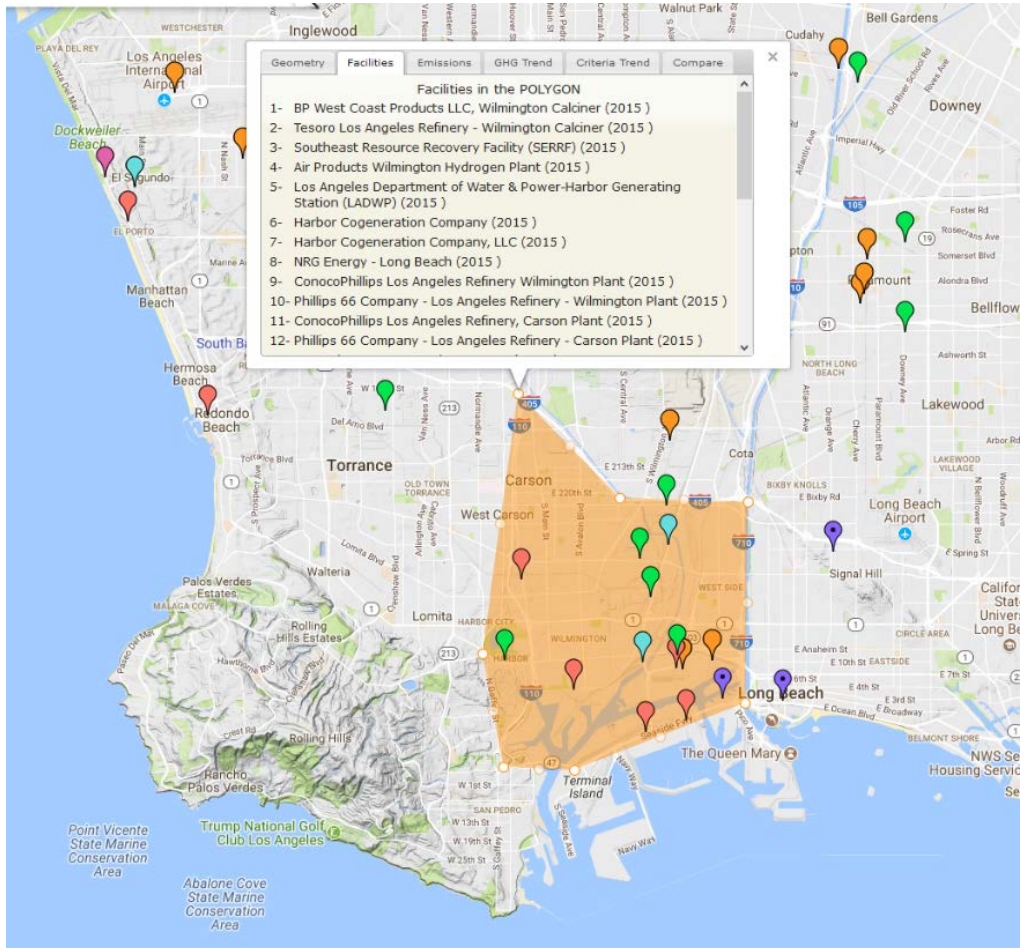
AB 617 Overview

Statewide
requirements

Community
focused
framework

- Accelerated retrofit of pollution controls on industrial facilities
- Increased penalty provisions
- Specified stationary source emissions reporting requirements
- Community emissions reduction programs
- Community-level air quality monitoring
- Grants to local community groups

Overview of AB 617 Emissions Reporting Requirements



- Annual emissions data for specified stationary sources
- Uniform, statewide reporting system
- Allows for collection of other relevant facility-level data
- Provides options for data certification or verification

Criteria and Toxics Emissions Reporting Program

- Develop statewide regulation with phased approach
- Increase data accessibility, consistency, public access, support program needs

Phase 1

- Establish applicability
- Annual reporting
- Provide reporting requirements for sources

Phase 2

- Phase-in uniform, statewide methodologies for sources
- Develop reporting portal

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Applicability: Sources Subject to Regulation (1)

- “Stationary sources” subject to requirements:
 - Subject to GHG Mandatory Reporting Regulation (MRR)
 - Approximately 600 MRR facilities
 - Will include approximately 800+ specific sources due to differences in facility definitions for oil & gas production and other sectors
 - or**
 - Authorized to emit 250 tons per year or more of a nonattainment criteria pollutant or its precursors
 - Less than 40 facilities not already covered under MRR

Applicability: Sources Subject to Regulation (2)

or

- Receives an “elevated” Air Toxics Hot Spots prioritization score based on cancer or noncancer health impacts
 - About 500 facilities initially, based on “elevated” determinations
 - Seeking discussion on a regulatory description of “elevated” for applicability determination

or

- All permitted sources within “communities”
 - Highly detailed inventories will be developed for selected communities, including stationary, area, and mobile sources
 - Likely 10’s to 100’s of additional facilities in communities

Scope of Chemicals Annually Reported

- Criteria pollutants
 - NO_x, SO_x, PM, VOCs, CO
- Toxics pollutants
 - Consistent with the Air Toxics Hot Spots program; AND
 - CAPCOA Air Toxics “Hot Spots” Program Facility Prioritization Guidelines
 - Appendix B, List of Substances for Emission Quantification, August 2016
 - [Link to document \(http://www.capcoa.org/\)](http://www.capcoa.org/)

Data To Be Reported

- Data will be reported at the device and process level, consistent with current district criteria and toxics reporting standards
- Proposed regulation to include phased-in requirements for supplemental data reporting
 - Stack heights and locations, precise facility location information, data about the footprint of facility, etc.
 - Reported once, updated as needed

Cessation of Reporting

- Facilities that meet MRR cessation requirements and do not meet other applicability criteria
- Facilities that do not meet other applicability triggers, and have criteria emissions <250 tons per year
- Facilities that do not meet other applicability triggers, and are not identified as having an “elevated” toxics prioritization score
- Regions no longer identified as active communities

Phase 1 Reporting : 2018 – 2019 Data

- Propose that facility data be submitted to districts by ? of each year
- Propose that data be reviewed and finalized by August 1 of each year
- For 2018 and 2019 data, “business as usual”
 - **EXCEPT: Annual update of criteria and toxics emissions for applicable facilities**
 - Air districts collect emissions or throughput data, and calculate/QA emissions
 - Use existing “best available” methods
 - Air districts submit emissions data to CEIDARS database by email or upload

Phase 2 Reporting: 2020+ Data

- Phase 2: Phase-In uniform methods and reporting portal
 - Starting with 2020 data reported in 2021
 - Gradual phase-in of developed “uniform statewide system” and methods
 - Expand applicability scope (e.g., potential to emit (250 tpy), clustered facilities)
- For 2020+ data, provide options for a state-operated online, electronic data reporting system
 - Data reporting co-managed with air districts
 - Provide mechanism for upload/download of transaction files

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Seeking Input & Questions

- Reporting schedule
- Threshold for “elevated” prioritization score
- Scope of toxic air contaminants for reporting
- Anything else?
- Questions?

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Next Steps

- Continue working with stakeholders to refine approach and develop regulation language
- Initiate workgroups to begin development of uniform methods
- Tentative Board Date: Late 2018
- Please submit comments by June 29 to:
 - Ctr-report@arb.ca.gov



Contact Us – Reporting Regulation

Criteria Pollutant and Air Toxics Reporting



- Website:
 - <https://www.arb.ca.gov/ei/ctr/ctr-regulation/ctr-regulation.htm>
- Email
 - CTR-Report@arb.ca.gov
- Click “[Subscribe](#)” for Criteria & Toxics Reporting Regulation listserve registration

Contact Us – Reporting: Key Staff

Criteria Pollutant and Air Toxics Reporting



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End



OCAP Contact Us – Community Selection, Monitoring, BACT/BARCT

CARB Office of Community Air Protection

- Website:
 - <https://ww2.arb.ca.gov/our-work/programs/community-air-protection-program-ab617>
- Email
 - CommunityAir@arb.ca.gov
 - AireComunitario@arb.ca.gov
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Community Air Protection

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The goal of AB 617 is to ensure that everyone benefits from our state's air quality efforts, especially those that live in the most severely pollution impacted areas of California. AB617 provides for:

- Community level monitoring
- Statewide strategy to reduce emissions impacting communities
- Community-specific emission reduction plans
- Accelerated retrofit of pollution control equipment at existing facilities near communities
- Direct reporting of emissions to the CARB
- Increased penalties

EMAIL UPDATES

Keep up to date with information regarding California's Community Air Protection efforts.

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