



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

Bay Area Air Quality Management District Regulatory Priorities

**Bay Area Clean Water Agencies Annual
Membership Meeting
January 10, 2020**

**Jack P. Broadbent
Executive Officer/APCO**

Air District Priorities



- **Address inequities and local exposure**
 - Assembly Bill (AB) 617 implementation
 - Rule 11-18 implementation
- **Continue to meet state and federal ambient air quality standards**
- **Continue to assist in meeting state climate goals**

AB 617 Best Available Retrofit Control Technology (BARCT) Schedule Efforts



Rule Development Project	Pollutants	Board Hearing
Rule 8-5: Organic Liquid Storage Tanks	VOC & Toxics	Q3 2020
Rule 8-8: Petroleum Wastewater Treating	VOC, Toxics, GHGs	Q3 2020
Rule 9-13: Portland Cement Manufacturing	PM	Q2 2021
Rule 6-5: Refinery Fluid Catalytic Crackers	PM	Q4 2020
Rule 8-18: Refinery Heavy Liquids Leaks	VOC & Toxics	Q4 2020
Rule 9-14: Petroleum Coke Calcining Ops	NOx	Q3 2021

Regulation 11, Rule 18 – Reduction of Risk from Air Toxic Emissions at Existing Facilities



Key Requirements: Facilities above a risk action level of 10 in a million must:

- Develop a risk reduction plan for Air District approval
- Execute plan according to plan schedule
- 5-10 years to implement plan

Risk reduction measures could include:

- Installation of Best Available Retrofit Control Technologies for Toxics (TBARCT) – considers control costs
- Modification of operating hours and activity levels
- Modification of emissions point characteristics

Phase II Sites - Draft Implementation Schedule



Prioritization Score > 100

- Process starts in 2020

Prioritization Score > 50

- Process starts in 2021

Prioritization Score > 10

- Process starts in 2022

Phase II Sites - Draft Implementation Schedule



DRAFT

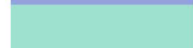
Rule 11-18 Implementation Schedule for Phase II Sites

Implementation Steps:	2020				2021				2022				2023				2024				2025				2026 - 2030				
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	26	27	28	29	30
1. Classify Facilities	■				■				■																				
2. Validate Data		■	■	■	■	■	■	■	■	■	■	■																	
3. Conduct Health Risk Assessments			■	■	■	■	■	■	■	■	■	■	■	■	■	■													
4. Approve Risk Reduction Plans								■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■					
5. Implement Risk Reductions													■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

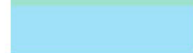
Prioritization Score > 100



Prioritization Score > 50



Prioritization Score > 10



Particulate Matter (PM) Strategy



PM Symposia

- Exposure and Health Impacts: October 2019
- Deliberation / Policy Discussion: December 2019
- Draft Recommendations: Winter 2020
- Air District Response: Spring 2020

Policy Approaches

- Community Exposure Assessments (e.g., West Oakland)
- Incentives
- PM as a Toxic Compound
- Additional Rule Development

Climate & Organics Efforts



Rule Development Project	Pollutants	Board Hearing
Rule 13-2: Organic Material Handling	VOC and GHGs	Q2 2020
Rule 13-3: Composting Operations	VOC, GHGs, PM	Q4 2020
Rule 13-4: POTWs & Anaerobic Digestion	VOC, GHGs	Q4 2020
Rule 13-5: Hydrogen Plants	VOC, GHGs	Q3 2020
Rule 8-34: Solid Waste Disposal (Landfills)	VOC, GHGs, PM	Q4 2020

Draft Rule 13-4



Sewage Treatment and Anaerobic Digestion

- Reduce methane, volatile organic compounds, and other greenhouse gases (GHGs)
- Continued stakeholder engagement and site visits
- Emissions and source assessments
- Control technology evaluations
- Tentative Schedule
 - Workshop Q2 2020
 - Board Hearing Q4 2020



Thank you