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

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

### Rule 11-18 Implementation Schedule for Phase II Sites

<table>
<thead>
<tr>
<th>Implementation Steps:</th>
<th>2020 Q1</th>
<th>2020 Q2</th>
<th>2020 Q3</th>
<th>2020 Q4</th>
<th>2021 Q1</th>
<th>2021 Q2</th>
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<th>2025 Q4</th>
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<tbody>
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<td>1. Classify Facilities</td>
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<td>2. Validate Data</td>
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<td>3. Conduct Health Risk Assessments</td>
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<td>4. Approve Risk Reduction Plans</td>
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<td>5. Implement Risk Reductions</td>
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### Prioritization Score

- Prioritization Score > 100
- Prioritization Score > 50
- Prioritization Score > 10

*Bay Area Clean Water Agencies Annual Membership Meeting, January 10, 2020
Bay Area Air Quality Management District*
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

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<tr>
<th>Rule Development Project</th>
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<td>Rule 13-2: Organic Material Handling</td>
<td>VOC and GHGs</td>
<td>Q2 2020</td>
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<tr>
<td>Rule 13-3: Composting Operations</td>
<td>VOC, GHGs, PM</td>
<td>Q4 2020</td>
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<td>Rule 13-4: POTWs &amp; Anaerobic Digestion</td>
<td>VOC, GHGs</td>
<td>Q4 2020</td>
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<tr>
<td>Rule 13-5: Hydrogen Plants</td>
<td>VOC, GHGs</td>
<td>Q3 2020</td>
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<tr>
<td>Rule 8-34: Solid Waste Disposal (Landfills)</td>
<td>VOC, GHGs, PM</td>
<td>Q4 2020</td>
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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