



AIR ISSUES & REGULATIONS COMMITTEE
A Committee of the Bay Area Clean Water Agencies

Quarterly Meeting
September 2016

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Agenda

- Introductions
- Ian Wren (Baykeeper/SFEI) - Scenario Planning of Nutrient Management Strategies for San Francisco Bay
- AIR Items
- Business Items
 - Roster Update
 - Future Meetings
 - Discussion – what should we start, stop, continue doing?
- Adjourn



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Ian Wren (Baykeeper/SFEI)

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AIR Items

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CARB Proposed Changes Portable ICE ATCM

- New schedule for fleet average standards – delayed due to cleaner engines not being as available from manufacturers as originally anticipated when 2017 schedule was adopted.
- CARB advising local APCDs not to enforce 2017 standards.



BAAQMD RCA Reporting

- Breakdown Relief
for unforeseeable failure or malfunction
“immediate” reporting required; 30-day report
- Monitor Excess Emission or Excursion
for BAAQMD required monitor
report next day or within 96 hours; 30-day report
- Monitor is Inoperative
> 24 hours
- Pressure Relief Valve

BAAQMD T-BACT Rule Development

- Proposed Changes to New Source Review of Toxic Air Contaminants (Reg 2, Rule 5)
 - Incorporates updated risk assessment guidelines
 - No changes to T-BACT thresholds or project risk limits
- Revised guidelines will result in higher risk numbers for many TACs (and therefore more projects)
- More projects will be required to control TAC emissions and reduce health impacts



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AB 2588 Health Risk Assessments

- Revised OEHHA cancer factors
 - Updated Health Risk Assessment Guidelines
- CAPCOA updated risk guidelines
 - Updated Risk Management Guidance Document



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Discussion: BAAQMD BMP for Digester Gas Venting

BAAQMD Permit Condition Guidance

- Flare use
- Digester gas total sulfur content
- Sampling requirements



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CARB 2030 Target Scoping Plan Concept Paper

- Potential concepts to achieve GHG levels 40% below 1990 levels focused on the Governor's "5 pillars"
- Reviewing progress toward meeting GHG targets:
 - Considering GHG inventory improvements (e.g., adding Natural & Working Lands land-based activities)
 - Supporting collaborative projects
 - Mitigation of upstream GHG sources
 - Input from Environmental Justice Advisory Committee
 - Renewable gas in the transportation/electricity sectors or displace fossil natural gas in the residential/industrial sectors?
 - Pursue policies needed for the 2050 target even without reducing GHG emissions in the near-term?



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Additional Policies are Needed to Achieve 2030 and 2050 Targets

- None of the 2014 California State Agencies' PATHWAYS Project scenarios achieve 2030 target
- Transportation, electricity, and industrial sectors are the largest emitters = largest opportunities for reductions
- 4 Concepts:
 - Complementary Policies *with* Cap-and-Trade
 - Ambitious Complementary Policies *without* Cap-and-Trade – Focus on *Industrial Sources*
 - Ambitious Complementary Policies *without* Cap-and-Trade – Focus on *Transportation*
 - Complementary Policies *with* a Carbon Tax



Schedule for Draft 2030 Target Scoping Plan

- Summer 2016: Scenario development (for achieving targets)
- Late Summer 2016: EJAC input via community meetings
- Late Summer/Early fall: Draft Scoping Plan to be released
- November 2016: First Board hearing
- March 2017: Second Board hearing

*SB 1383 approved by Governor Brown
September 19th requires the reduction of short-
lived climate pollutants (methane) by 2030*

Regulation to be developed & adopted by 2018



Amendments to the Mandatory GHG Reporting & Cap-and-Trade Regulation

- Support U.S. EPA Clean Power Plan (still on hold)
- Supports pre- and post-2020 Cap-and-Trade program
- Verification deadline from September 1 to August 1
- Third Party Verification for 6 consecutive verifications

Mandatory GHG Reporting Regulation (MRR):

<http://www.arb.ca.gov/cc/reporting/ghgprep/regulation/mrr-regulation.htm>

Cap and Trade Program:

<http://www.arb.ca.gov/cc/capandtrade/capandtrade.htm>

Clean Power Plan:

<http://www.arb.ca.gov/cc/powerplants/powerplants.htm>



Amendments to the Mandatory GHG Reporting & Cap-and-Trade Regulations

- May 2016: 45-day regulation and ISoR released
- September 19: Comments due
- September 22: Board Hearing
- October 2016 – March 2017: Stakeholder engagement and 15-day formal comment periods.
- March 23–24, 2017: Second Board Hearing to vote on proposed amendments
- Summer 2017: Final Regulation and FSoR and CPP Final (State) Plan Submission
- October 2017: Regulations become effective



BAAQMD GHG Control Measures for POTWs in draft Clean Air Plan Update

- Goal: Bay Area region to reduce GHG emissions to 80% below 1990 levels by 2050
- POTWs represent only 0.5% of the total emissions inventory
- Draft water control measures introduced:
 - Reduce Emissions from Water Treatment Plants
 - Reduce Water Use
- Final Plan presented to the Board September 15th and was approved



CalRecycle AB 901 Reporting Requirements

- Workshop series held **August 22, 23, and 24** on “special topics” for new recycling, composting and disposal reporting regulations
 - Reporting Thresholds
 - Organics Management - review of requirements for composters and organics recyclers, including issues around **anaerobic digesters, POTWs, land application, and more**
 - Penalties, Fees, and Enforcement Procedures
 - Multiple Operations
 - Jurisdictional Requests and Confidentiality
 - Methodologies for Jurisdiction of Origin and Source Sector
 - Targeted Products and Material Types
 - General Topics
- Potential to require POTWs to report if they accept organic waste



Business Items

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Business Items

- Roster Update
- Potential Future Meeting Dates
 - December 21st
 - March 15th
 - June 21st – BAAQMD Annual Meeting?
- Future Meeting Ideas/Location
 - Special Topic or Speaker
 - Facility Tour
- Discussion – what should we start, stop, continue doing?

