



South Coast  
AQMD

# Proposed Amended Rule 1466 Control of Particulate Emissions from Soils with Toxic Air Contaminants

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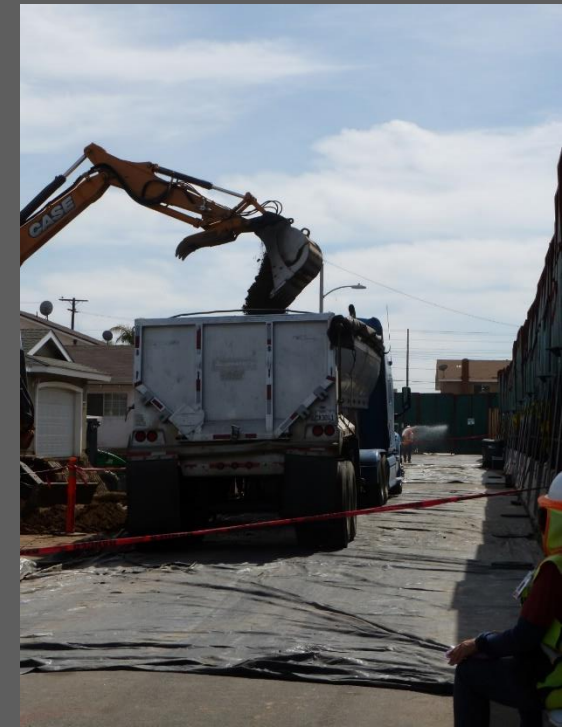
WORKING GROUP MEETING #2

SEPTEMBER 12, 2017

# Background

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- Adopted July 7, 2017
- During rule development, Stationary Source Committee recommended expanding the list of applicable toxic air contaminants to include pesticides, herbicides, other metals, and persistent bio-cumulative toxics
- In the adoption Resolution, the Governing Board directed staff to expand the list of toxic air contaminants to include pesticides, herbicides, other metals, persistent bio-cumulative toxics, and semi-volatile organic compounds as early as practicable



# Working Group #1

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- August 3, 2017
- Staff presented two options for expanding the list of applicable toxic air contaminants
  - Option 1 – All Rule 1401 and CARB Toxic Air Contaminants
    - Include all compounds in Rule 1401 Table 1 and CARB Toxic Air Contaminant Identification List
  - Option 2 – Specific Toxic Air Contaminants
    - Include specific toxic air contaminants
- Stakeholder comments
  - Stakeholder suggested Option 2 with additional PAHs for sites designated by other agencies and Option 1 for sites designated by the Executive Officer
  - Stakeholders commented that cobalt and manganese are not common contaminants of concern
  - Stakeholders requested to have an exemption for linear trenching for water projects

# Recommendation for Applicable TACs

US EPA, DTSC, Water Board,  
and Other Agency  
Designated Sites

Arsenic, Asbestos,  
Cadmium, Hexavalent  
Chromium, Lead,  
Mercury, Nickel, PCBs

+

Dioxins (Rule 1401 Table  
1), Pesticides, and PAHs

SCAQMD Designated Sites

Arsenic, Asbestos,  
Cadmium, Hexavalent  
Chromium, Lead,  
Mercury, Nickel, PCBs

+

Dioxins (Rule 1401 Table  
1), Pesticides, and PAHs

+

Any Rule 1401 or CARB  
Toxic Air Contaminants  
Not Identified

# Recommendation for Applicable Toxic Air Contaminants for Sites Identified by Other Agencies

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- For sites identified by the U.S. EPA, DTSC, Water Boards, and other regulatory agencies, expand the list to include

- **Dioxins**

- Rule 1401, Table 1

- **Pesticides**

- chlordane
- dichlorodiphenyltrichloroethane (DDT)
- dichlorodiphenyldichloroethylene (DDE)
- dichlorodiphenyldichloroethane (DDD)

- **Polycyclic Aromatic Hydrocarbons (PAHs)**

- benzo[a]anthracene
- benzo[a]pyrene
- benzo[b]fluoranthene
- benzo[k]fluoranthene
- chrysene
- dibenz[a,h]anthracene
- indeno[1,2,3-c,d]pyrene

# Recommendation for Applicable TACs for Executive Officer Designated Sites

- Applicable Toxic Air Contaminants
  - For Executive Officer Designated Sites, expand the list to include
    - All compounds listed in Rule 1401, Table I
    - All compounds listed in CARB Toxic Air Contaminant List
  - Prior to designating a site, SCAQMD will consult with other agencies and also consider other criteria set in Rule 1466





# Applicability

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- Concerns raised regarding sites designated by county or local agencies
  - Certified Unified Program Agencies (CUPAs), Public Health Offices, Fire Departments
- PAR 1466 proposes to expand applicability to include sites that have been designated as Hazardous Material Release Sites by a county, local, or state regulatory agency pursuant to Health and Safety Code Section 25403

# Recommendations for Notifications

- PAR 1466 proposes to include provisions for when notifications need to be updated
  - Earlier starting date
  - Later starting date
  - Change in PM<sub>10</sub> monitoring location
  - Change in applicable toxic air contaminants
  - Change in volume of soil with applicable toxic air contaminants
  - Change in completion date
- Clarifies notification provisions
- Consistent with Rule 403





# Schedule

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- September 19, 2017      Public Workshop
- October 20, 2017      Stationary Source Committee
- November 3, 2017      Set Hearing
- December 1, 2017      Public Hearing

# SCAQMD Contacts

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## Rule Development

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## General Questions

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