



**South Coast  
Air Quality Management District**  
21865 Copley Drive, Diamond Bar, CA 91765  
(909) 396-2000, [www.aqmd.gov](http://www.aqmd.gov)

## **STATIONARY SOURCE COMMITTEE MEETING**

### **Committee Members**

Mayor Pro Tem Ben Benoit, Chair  
Supervisor Sheila Kuehl, Vice Chair  
Senator Vanessa Delgado (Ret.)  
Board Member Gideon Kracov  
Vice Mayor Rex Richardson  
Supervisor Janice Rutherford

**April 16, 2021 ♦ 10:30 a.m.**

**Pursuant to Governor Newsom's Executive Orders N-25-20 (March 12, 2020) and N-29-20 (March 17, 2020), the Stationary Source Committee meeting will only be conducted via video conferencing and by telephone. Please follow the instructions below to join the meeting remotely.**

### **ELECTRONIC PARTICIPATION INSTRUCTIONS**

(Instructions provided at bottom of the agenda)

**Join Zoom Webinar Meeting - from PC or Laptop**

**<https://scaqmd.zoom.us/j/94141492308>**

**Zoom Webinar ID:** 941 4149 2308 (applies to all)

**Teleconference Dial In**

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**One tap mobile**

+16699006833,94141492308#

**Audience will be able to provide public comment through telephone or Zoom connection during public comment periods.**

**PUBLIC COMMENT WILL STILL BE TAKEN**

### **AGENDA**

*Members of the public may address this body concerning any agenda item before or during consideration of that item (Gov't. Code Section 54954.3(a)). If you wish to speak, raise your hand on Zoom or press Star 9 if participating by telephone. All agendas for regular meetings are posted at South Coast AQMD, 21865 Copley Drive, Diamond Bar, California, at least 72 hours in advance of the regular meeting. Speakers may be limited to three (3) minutes each.*

## CALL TO ORDER

## ROLL CALL

### INFORMATIONAL ITEMS (Items 1 through 2)

1. **Update on Past and Upcoming Metal Toxic Air Contaminant Rules** (15 mins) Susan Nakamura  
*(No Motion Required)* Assistant Deputy  
Staff will provide an overview of past and upcoming rules that address metal Executive Officer  
toxic air contaminants.  
*(Written Material Attached)*
  
2. **RECLAIM Quarterly Report – 10<sup>th</sup> Update** (15 mins) Michael Morris  
*(No Motion Required)* Planning and Rules  
Staff will provide an update on the transition of NOx RECLAIM facilities to a Manager  
command and control regulatory program.  
*(Written Material Attached)*

### WRITTEN REPORTS (Items 3 through 4)

3. **Twelve-month and Three-month Rolling Average Price of Compliance Years 2020 and 2021 NOx and SOx RTCs (January – March 2021)** Jason Aspell  
*(No Motion Required)* Acting Deputy  
The attached report summarizes the twelve-month and three-month rolling Executive Officer  
average prices of NOx and SOx RTCs.  
*(Written Material Attached)*
  
4. **Notice of Violation Penalty Summary** Bayron Gilchrist  
*(No Motion Required)* General Counsel  
This report provides the total penalties settled in March of 2021 which includes  
Civil, Supplemental Environmental Projects, Mutual Settlement Assessment  
Penalty Program, Hearing Board and Miscellaneous.  
*(Written Material Attached)*

### OTHER MATTERS

5. **Other Business**  
Any member of the Committee, or its staff, on his or her own initiative or in response to questions posed by the public, may ask a question for clarification, may make a brief announcement or report on his or her own activities, provide a reference to staff regarding factual information, request staff to report back at a subsequent meeting concerning any matter, or may take action to direct staff to place a matter of business on a future agenda. (Gov't. Code Section 54954.2)

## 6. Public Comment Period

At the end of the regular meeting agenda, an opportunity is also provided for the public to speak on any subject within the Committee's authority that is not on the agenda. Speakers may be limited to three (3) minutes each.

7. **Next Meeting Date:** Friday, May 21, 2021 at 10:30 a.m.

## ADJOURNMENT

### Americans with Disabilities Act and Language Accessibility

*Disability and language-related accommodations can be requested to allow participation in the Stationary Source Committee meeting. The agenda will be made available, upon request, in appropriate alternative formats to assist persons with a disability (Gov't Code Section 54954.2(a)). In addition, other documents may be requested in alternative formats and languages. Any disability or language related accommodation must be requested as soon as practicable. Requests will be accommodated unless providing the accommodation would result in a fundamental alteration or undue burden to the South Coast AQMD. Please contact Catherine Rodriguez at (909) 396-2735 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to [Crodriguez@aqmd.gov](mailto:Crodriguez@aqmd.gov).*

### Document Availability

*All documents (i) constituting non-exempt public records, (ii) relating to an item on an agenda for a regular meeting, and (iii) having been distributed to at least a majority of the Committee after the agenda is posted, are available by contacting Catherine Rodriguez at (909) 396-2735, or send the request to [Crodriguez@aqmd.gov](mailto:Crodriguez@aqmd.gov).*

## INSTRUCTIONS FOR ELECTRONIC PARTICIPATION

### Instructions for Participating in a Virtual Meeting as an Attendee

As an attendee, you will have the opportunity to virtually raise your hand and provide public comment.

Before joining the call, please silence your other communication devices such as your cell or desk phone. This will prevent any feedback or interruptions during the meeting.

**Please note:** During the meeting, all participants will be placed on Mute by the host. You will not be able to mute or unmute your lines manually.

After each agenda item, the Chairman will announce public comment.

A countdown timer will be displayed on the screen for each public comment.

If interpretation is needed, more time will be allotted.

**Once you raise your hand to provide public comment, your name will be added to the speaker list. Your name will be called when it is your turn to comment. The host will then unmute your line.**

### Directions for Video ZOOM on a DESKTOP/LAPTOP:


- If you would like to make a public comment, please click on the "**Raise Hand**" button on the bottom of the screen.
- This will signal to the host that you would like to provide a public comment and you will be added to the list.

### Directions for Video Zoom on a SMARTPHONE:

- If you would like to make a public comment, please click on the “**Raise Hand**” button on the bottom of your screen.
- This will signal to the host that you would like to provide a public comment and you will be added to the list.

**Directions for TELEPHONE line only:**

- If you would like to make public comment, please **dial \*9** on your keypad to signal that you would like to comment.

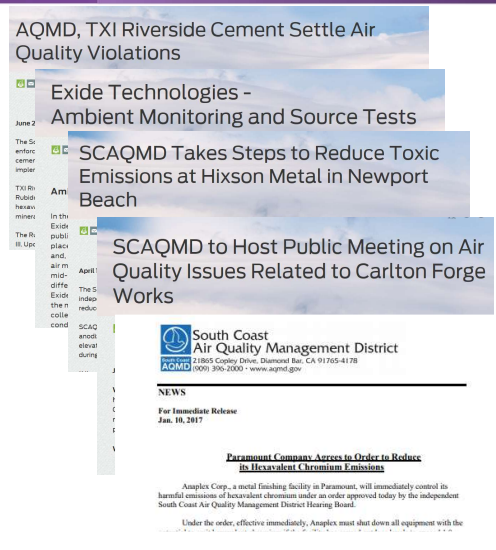


## Update on Metal Toxics Rulemaking

Stationary Source Committee  
April 2021

# Background

- Over the past 10 years, South Coast AQMD has adopted and amended a series of metal toxics rules
- Many of the recent rule development efforts followed ambient air monitoring efforts which revealed:
  - Sources of metal toxic air contaminants that were not previously known
  - Need for stronger measures to address fugitive emissions
- Presentation today focuses on the suite of rules that have been developed and additional rule development efforts to further address metal toxic air contaminants



**AQMD, TXI Riverside Cement Settle Air Quality Violations**

**Exide Technologies - Ambient Monitoring and Source Tests**

**SCAQMD Takes Steps to Reduce Toxic Emissions at Hixson Metal in Newport Beach**

**SCAQMD to Host Public Meeting on Air Quality Issues Related to Carlton Forge Works**

**South Coast Air Quality Management District**  
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**NEWS**  
For Immediate Release  
Jan. 18, 2017

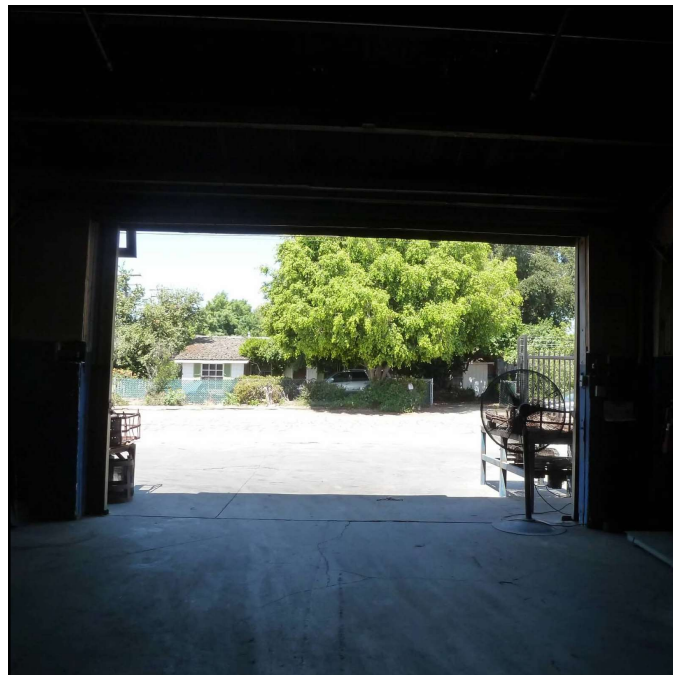
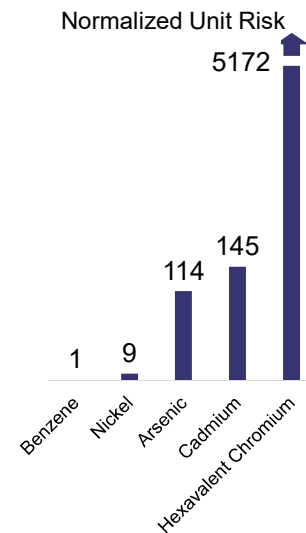
**Paramount Company Agrees to Order to Reduce its Hexavalent Chromium Emissions**

Amplex Corp., a metal finishing facility in Paramount, will immediately control its harmful emissions of hexavalent chromium under an order approved today by the independent South Coast Air Quality Management District Hearing Board.

Under the order, effective immediately, Amplex must shut down all equipment with the

## Concerns About Metal Toxic Air Contaminants

- Metal toxic air contaminants of greatest concern are:
  - Nickel, Arsenic, Cadmium, Hexavalent Chromium, and Lead
- These metal toxic air contaminants tend to be the health risk drivers in Health Risk Assessments due to their cancer potency or other health effects
- Metal toxic air contaminants pose additional multi-pathway risks
  - Inhalation
  - Ingestion
  - Dermal
- Thresholds for toxic endpoints much lower than most organic pollutants



## Challenges

- Facilities tend to be smaller businesses, particularly metal finishing facilities
- Some facilities are located near residences and other sensitive receptors
- Shifting to alternative non-toxic materials is difficult – particularly for aerospace and military products
- Pollution controls can be expensive with ongoing annual maintenance costs

## Sources of Fugitive Emissions



Operations Conducted Outside of a Building Enclosure



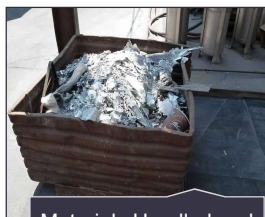
Poor Housekeeping - Accumulation of Metal Particulate Dust



Openings that Allow Fugitive Emissions to Escape



Cross-Drafts and Large Building Openings



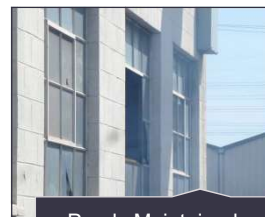
Materials Handled and Stored Outside



Incomplete Capture of Point Source Emissions



Operations with No Controls



Poorly Maintained Building Enclosure

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## Approaches to Address Fugitive Metal Toxic Air Contaminant Emissions



Point Source Controls with Monitoring of Key Parameters of Pollution Controls



Housekeeping Measures to Minimize Accumulation of Metal Particulates



Building Enclosures to Contain Fugitive Emissions



Best Management Practices to Minimize and Prevent Fugitive Emissions

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# Metal Melting Operations

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- Melting, casting, cutting, and grinding of lead, non-chromium, and chromium alloys at metal manufacturing and processing facilities can emit lead, nickel, hexavalent chromium, arsenic, and cadmium
- The following rules have been adopted/amended to address metal melting operations
  - Rule 1420 – Emission Standards for Lead (Amended Dec 2017)
  - Rule 1420.1 – Emission Standards for Lead and Other Toxic Air Contaminants from Large Lead-Acid Battery Recycling Facilities (Amended Sept 2015)
  - Rule 1420.2 – Emission Standards for Lead from Metal Melting Facilities (Adopted Oct 2015)
  - Rule 1407 – Control of Emissions of Arsenic, Cadmium, and Nickel from Non-Chromium Metal Melting Operations (Amended Oct 2019)
  - Rule 1407.1 – Control of Toxic Air Contaminant Emissions from Chromium Alloy Melting Operations (Adopted Jan 2021)



# Metal Heating Rule

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- Metal heating operations and processes have been identified as potential sources of hexavalent chromium emissions
- UC Riverside's Center for Environmental Research and Technology (CE-CERT) under contract to study the formation of hexavalent chromium from heating treating under varying conditions
- Proposed Rule 1435 – Control of Toxic Emissions from Metal Heat Treating Processes would address point source emissions from non-hexavalent chromium plating and anodizing tanks
  - Public Hearing: December 2021





## Metal Grinding at Forging Facilities

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- Metal grinding operations at forging facilities use hand, swing, and billet grinding techniques emitting nickel, hexavalent chromium, and cadmium
- The following rules have been adopted/amended to address metal grinding
  - Rule 1430 – Control of Metal Grinding Operations and Metal Forging Facilities
  - Rules 1407, 1407.1, 1420, and 1469 include provisions for grinding

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## High Heat Metal Cutting and Welding

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- Potential toxic air contaminants from metal cutting and welding include nickel, cadmium, hexavalent chromium, and other metals
- Staff is proposing new rules to reduce hexavalent chromium emissions from high heat metal working operations
  - Proposed Rule 1445 – Control of Toxic Emissions from Laser Arc Cutting (Public Hearing: October 2021)
  - Proposed Rule 1455 – Control of Hexavalent Chromium Emissions from Torch Cutting and Welding (Public Hearing: TBD)

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## Metal Finishing Rules – Tank Solutions

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- Plating, anodizing, and other electrolytic or high heat tanks with solutions with hexavalent chromium, nickel, cadmium, or lead are used for metal finishing operations
- Following rules have been adopted/amended:
  - Rule 1469 – Hexavalent Chromium Emissions From Electroplating and Anodizing (Amended April 2, 2021)
  - Rule 1426 – Emissions from Metal Finishing Operations (Amended April 2, 2021)
- Staff is proposing new rules to address point source emissions from non-hexavalent chromium plating and anodizing tanks
  - PR 1426.1 – Reduction of Hexavalent Chromium Emissions from Tanks (December 2021)

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## Metal Spraying Operations

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- Chromate spraying operations are used to provide corrosion protection for military and aerospace applications
- Staff is proposing to amend Rule 1469.1 to further reduce hexavalent chromium emissions from chromate spraying operations
  - Public Hearing: May 2021

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## Metal Cutting and Shredding

- Metal cutting and shredding uses a shredding technique to process end-of-life vehicles, appliances, and other forms of scrap metal to facilitate the separation and sorting of metals
- Potential toxic metal emissions
- Staff is proposing a new rule to address fugitive particulate emissions from metal cutting and shredding operations
  - Proposed Rule 1460 – Control of Particulate Emissions from Metal Cutting and Shredding Operations (Public Hearing: TBD)

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## Next Steps

- Continue rulemaking efforts
- Continue to look for alternative non-toxic approaches

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# NOx RECLAIM Quarterly Update

STATIONARY SOURCE COMMITTEE  
APRIL 16, 2021

## Update “At a Glance” (January to March 2021)



**RECLAIM and New Source Review**  
• 3 Working Group Meetings



**Rule Development**  
• 8 Working Group Meetings  
• 1 Public Workshop



**Rules 218, 218.2, and 218.3 Amended or Adopted March 5, 2021**



**Discussions with EPA**  
• 4 virtual meetings



**Discussions with CARB**  
• 4 virtual meetings

# RECLAIM and New Source Review Working Group Meetings

<p>January 2021</p> <ul style="list-style-type: none"> <li>Quantification of Offsets Without Records</li> <li>Generation of Open Market ERCs</li> <li>Responses to Comment Letters</li> <li>Co-Pollutant Strategy</li> </ul>	<p>February 2021</p> <ul style="list-style-type: none"> <li>Proposed Amended Rule 1304</li> <li>Overall Structure and Implementation for Offsets</li> </ul>	<p>March 2021</p> <ul style="list-style-type: none"> <li>Responded to Comments on RECLAIM Transition Plan, Draft Version 2.0</li> </ul>
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# Emission Reductions (Tons per Day\*)

	Rules 1146, 1146.1, 1146.2 – Boilers, Process Heaters, and Steam Generators	0.27		Rule 1135 – Electricity Generating Facilities	1.7
	Rule 1118.1 – Non Refinery Flares	0		Rule 1110.2 – Gaseous- and Liquid-Fueled Engines	0.29
	Rules 218, 218.2, 218.3 – Continuous Emissions Monitoring Systems	0		Rule 1117 – Container Glass Melting/Sodium Silicate Furnaces	0.57
	Rule 1134 – Gas Turbines	1.8			

Total NOx Reductions = 4.63 tons per day\*

\* Sum of NOx reductions from RECLAIM facilities only. Some NOx reductions may be attributed to the 2015 RECLAIM shave.

# Rules Under Development



PR 1147.1 – Aggregate Facilities

Public Hearing: August 6, 2021



PR 1147.2 – Metal Melting and Heating Furnaces

Public Hearing: October 1, 2021



PR 1109.1 – Refinery Equipment

Public Hearing: September 3, 2021



PR 1159.1 – Nitric Acid Processing Tanks

Public Hearing: November 5, 2021



PAR 1147 – Miscellaneous Combustion Sources

Public Hearing: December 3, 2021

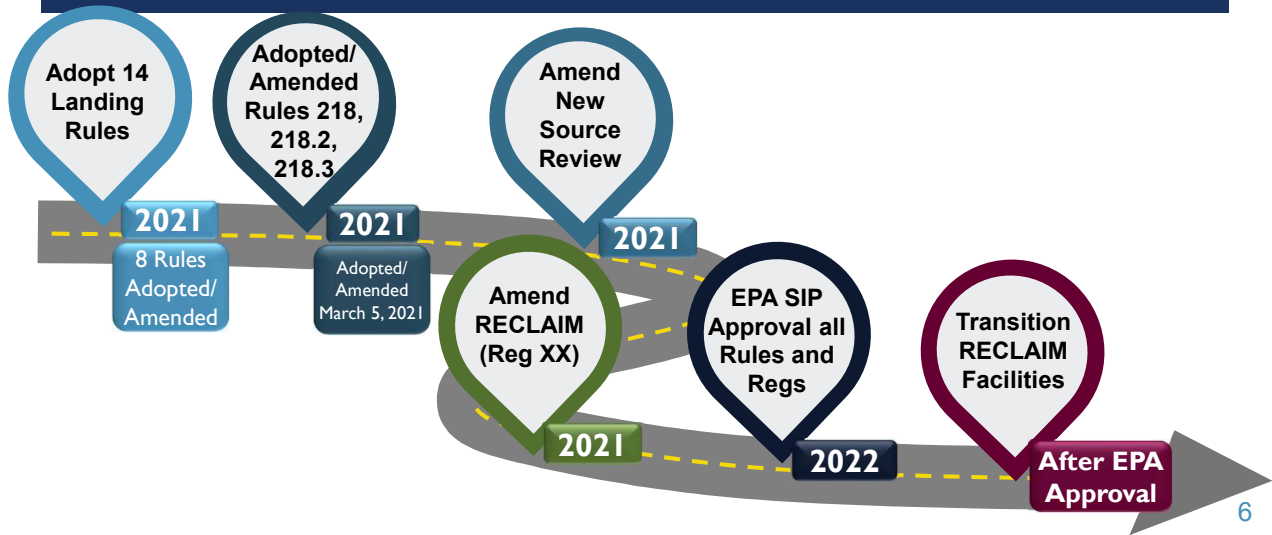


PAR 1153.1 – Commercial Food Ovens

Public Hearing: December 3, 2021

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# Overview of RECLAIM Transition



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## Discussions with U.S. EPA and CARB

- Ongoing discussions with U.S. EPA and CARB on RECLAIM and New Source Review issues
  - Minor Source Bank and Major Source Bank
  - Quantification of offsets for the Minor Source Bank
  - BACT requirements for co-pollutants



## RECLAIM Transition Plan, Draft Version 2.0 – Comment Letters

- Staff released second version of RECLAIM Transition Plan on December 11, 2020
- Received five comment letters<sup>1</sup>:
  - California Council for Environmental and Economic Balance
  - Latham & Watkins on behalf of the Regulatory Flexibility Group
  - Los Angeles Department of Water & Power
  - Torrance Refining Company LLC
  - Western States Petroleum Association
- Staff provided responses to comments at the March 18, 2021 Working Group Meeting



<sup>1</sup> <http://www.aqmd.gov/home/rules-compliance/rules/scaqmd-rule-book/proposed-rules/regulation-xx/comment-letters>

## Overview of Comments on RECLAIM Transition Plan

- Areas of general agreement included:
  - Maintaining RECLAIM until SIP approval of landing rules, Regulation XX, and Regulation XIII
  - Two-Tier New Source Review applicability test for Major Source Modifications
  - Adding a narrow BACT exemption for co-pollutant emission increases
  - Retaining RECLAIM monitoring, reporting, and recordkeeping in Title V permits during RECLAIM transition
- Key stakeholder comments

Disproportionate Impacts

Alternative Implementation Approaches

Implementation of BARCT

Incremental Cost-Effectiveness Procedures

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## Key Stakeholder Comments

### Disproportionate Impacts<sup>1</sup>

- RECLAIM facilities will temporarily have overlapping command-and-control requirements
- Staff disagrees with industry stakeholders to delay implementation of BARCT until the RECLAIM transition – would not be allowed under AB 617

### Alternative Implementation Approaches

- Staff agrees that command-and-control rules can incorporate alternative implementation<sup>1</sup> approaches provided:
  - BARCT is established for each industrial source
  - BARCT is not met through emissions trading

### Implementation of BARCT

- Consistent with state law<sup>1</sup>, to the extent feasible landing rules have implementation dates on or before December 31, 2023
- Some source categories will have dates beyond 2023 to allow implementation of BARCT to realize maximum achievable reductions

### Incremental Cost-Effectiveness

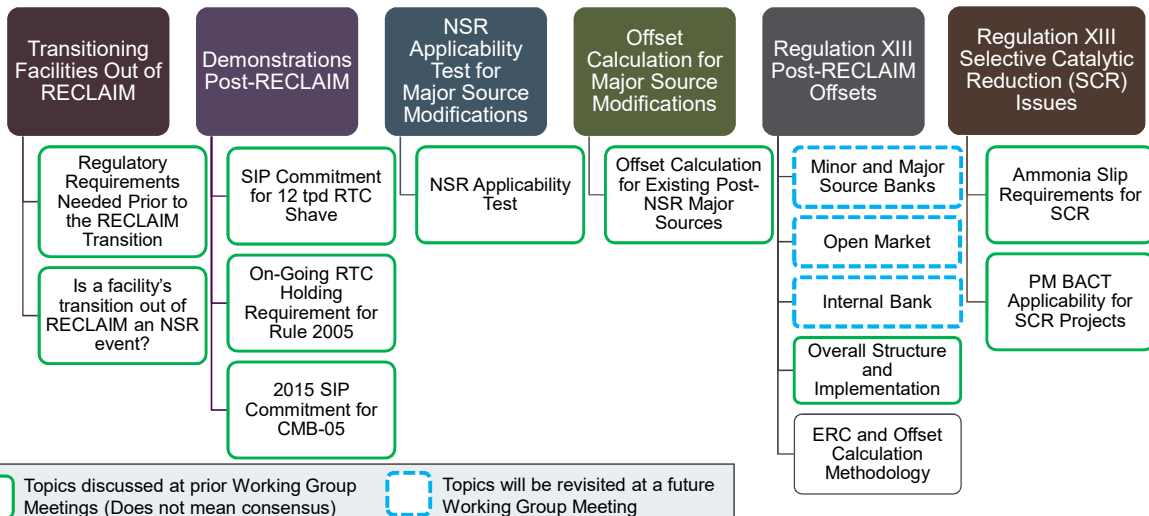
- Staff conducts the incremental cost-effectiveness consistent with state law<sup>1</sup>
- Staff agrees with industry stakeholders and will revise its process to conduct the incremental cost-effectiveness before the proposed BARCT limit is established

<sup>1</sup> Health and Safety Code Sections 39616(c)(7) and 40920.6

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## Overview and Summary of Status of RECLAIM and NSR Issues



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## Proposed Co-Pollutant Strategy

- Staff is proposing a narrow BACT exemption for non-ozone precursor emission increases associated with air pollution control equipment installations to comply with NO<sub>x</sub> BARCT standards
- Staff worked with CARB and U.S. EPA to develop the proposed strategy that is limited to RECLAIM facilities
  - CARB is supportive of the BACT exemption which will not be an SB 288 issue
  - U.S. EPA approves of the exemption, since BACT is not be triggered unless federal thresholds are exceeded
  - Stakeholders have expressed general support for adding a narrow BACT exemption in Rule 1304 to address co-pollutant emission increases

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## Ongoing Efforts and Next Steps



Continue monthly RECLAIM Working Group and Regulation XIII NSR Working Group meetings



Continue rulemaking activities



Continue working with U.S. EPA, CARB, and stakeholders



# South Coast Air Quality Management District

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## Twelve-Month and Three-Month Rolling Average Price of Compliance Years 2020 and 2021 NOx and SOx RTCs (January – March 2021)

April 2021 Report to Stationary Source Committee

**Table I**

Twelve-Month Rolling Average Price Data for Compliance Year 2020 NOx RTCs  
(Report to Governing Board if rolling average price greater than \$22,500/ton)

Twelve-Month Rolling Average Price Data for Compliance Year 2020 NOx RTC					
Reporting Month	12-Month Period	Total Volume Traded with Price During Past 12-month (tons)	Total Price of Volume Traded During Past 12-month (\$)	Number of Trades with Price	Rolling Average Price <sup>1</sup> (\$/ton)
Jan-20	Jan-19 to Dec-19	71.0	\$865,215	11	\$12,190
Feb-20	Feb-19 to Jan-20	111.2	\$1,197,542	14	\$10,770
Mar-20	Mar-19 to Feb-20	200.4	\$1,646,922	19	\$8,220
Apr-20	Apr-19 to Mar-20	202.4	\$1,657,101	21	\$8,186
May-20	May-19 to Apr-20	221.7	\$1,755,883	26	\$7,921
Jun-20	Jun-19 to May-20	227.6	\$1,815,483	27	\$7,975
Jul-20	Jul-19 to Jun-20	313.6	\$3,016,787	33	\$9,620
Aug-20	Aug-19 to Jul-20	326.4	\$3,192,582	36	\$9,781
Sep-20	Sep-19 to Aug-20	343.4	\$3,350,824	48	\$9,758
Oct-20	Oct-19 to Sep-20	344.4	\$3,359,824	49	\$9,755
Nov-20	Nov-19 to Oct-20	419.5	\$3,963,013	69	\$9,447
Dec-20	Dec-19 to Nov-20	396.8	\$3,812,488	65	\$9,607
Jan-21	Jan-20 to Dec-20	404.9	\$3,370,270	69	\$8,323
Feb-21	Feb-20 to Jan-21	546.4	\$4,110,708	96	\$7,523
Mar-21	Mar-20 to Feb-21	497.0	\$3,821,251	100	\$7,689
Apr-21	Apr-20 to Mar-21	503.8	\$3,875,110	103	\$7,691

1. District Rule 2015(b)(6) - Backstop Provisions provides additional "evaluation and review of the compliance and enforcement aspects of the RECLAIM program" if the average RTC price exceeds \$15,000 per ton.

**Table II**

Twelve-Month Rolling Average Price Data for Compliance Year 2021 NOx RTCs  
(Report to Governing Board if rolling average price greater than \$22,500/ton)

<b>Twelve-Month Rolling Average Price Data for Compliance Year 2021 NOx RTC</b>					
<b>Reporting Month</b>	<b>12-Month Period</b>	<b>Total Volume Traded with Price During Past 12-month (tons)</b>	<b>Total Price of Volume Traded During Past 12-month (\$)</b>	<b>Number of Trades with Price</b>	<b>Rolling Average Price<sup>1</sup> (\$/ton)</b>
Jan-21	Jan-20 to Dec-20	76.2	\$717,162	15	\$9,418
Feb-21	Feb-20 to Jan-21	77.6	\$736,204	16	\$9,488
Mar-21	Mar-20 to Feb-21	71.7	\$667,889	15	\$9,321
Apr-21	Apr-20 to Mar-21	69.6	\$656,731	13	\$9,439

1. District Rule 2015(b)(6) - Backstop Provisions provides additional "evaluation and review of the compliance and enforcement aspects of the RECLAIM program" if the average RTC price exceeds \$15,000 per ton.

**Table III**

Three-Month Rolling Average Price Data for Compliance Year 2020 NOx RTCs  
(Report to Governing Board if rolling average price greater than \$35,000/ton)

<b>Three-Month Rolling Average Price Data for Compliance Year 2020 NOx RTC</b>					
<b>Reporting Month</b>	<b>3-Month Period</b>	<b>Total Volume Traded with Price During Past 3-month (tons)</b>	<b>Total Price of Volume Traded During Past 3-month (\$)</b>	<b>Number of Trades with Price</b>	<b>Rolling Average Price (\$/ton)</b>
Jan-20	Oct-19 to Dec-19	71.0	\$865,215	11	\$12,190
Feb-20	Nov-19 to Jan-20	105.6	\$1,150,163	13	\$10,890
Mar-20	Dec-19 to Feb-20	167.6	\$1,414,218	12	\$8,438
Apr-20	Jan-20 to Mar-20	131.4	\$791,886	10	\$6,024
May-20	Feb-20 to Apr-20	110.5	\$558,341	12	\$5,054
Jun-20	Mar-20 to May-20	27.3	\$168,561	8	\$6,179
Jul-20	Apr-20 to Jun-20	111.2	\$1,359,687	12	\$12,232
Aug-20	May-20 to Jul-20	104.7	\$1,436,699	10	\$13,720
Sep-20	Jun-20 to Aug-20	115.8	\$1,535,341	21	\$13,261
Oct-20	Jul-20 to Sep-20	30.8	\$343,036	16	\$11,128
Nov-20	Aug-20 to Oct-20	98.7	\$817,811	34	\$8,286
Dec-20	Sep-20 to Nov-20	86.2	\$694,369	24	\$8,057
Jan-21	Oct-20 to Dec-20	131.5	\$875,661	31	\$6,659
Feb-21	Nov-20 to Jan-21	232.5	\$1,297,857	40	\$5,581
Mar-21	Dec-20 to Feb-21	267.7	\$1,422,980	47	\$5,315
Apr-21	Jan-21 to Mar-21	230.3	\$1,296,726	44	\$5,630

**Table IV**

Three-Month Rolling Average Price Data for Compliance Year 2021 NOx RTCs  
(Report to Governing Board if rolling average price greater than \$35,000/ton)

Three-Month Rolling Average Price Data for Compliance Year 2021 NOx RTC					
Reporting Month	3-Month Period	Total Volume Traded with Price During Past 3-month (tons)	Total Price of Volume Traded During Past 3-month (\$)	Number of Trades with Price	Rolling Average Price (\$/ton)
Jan-21	Oct-20 to Dec-20	1.3	\$16,750	3	\$13,400
Feb-21	Nov-20 to Jan-21	2.9	\$38,049	5	\$13,218
Mar-21	Dec-20 to Feb-21	2.1	\$26,049	3	\$12,238
Apr-21	Jan-21 to Mar-21	1.6	\$21,299	2	\$13,079

**Table V**

Twelve-Month Rolling Average Price Data for Compliance Year 2020 SOx RTCs  
(Report to Governing Board if rolling average price greater than \$50,000/ton)

Twelve-Month Rolling Average Price Data for Compliance Year 2020 SOx RTC <sup>1</sup>					
Reporting Month	12-Month Period	Total Volume Traded with Price During Past 12-month (tons)	Total Price of Volume Traded During Past 12-month (\$)	Number of Trades with Price	Rolling Average Price <sup>2</sup> (\$/ton)
Jan-20	Jan-19 to Dec-19	None	-	-	-
Feb-20	Feb-19 to Jan-20	None	-	-	-
Mar-20	Mar-19 to Feb-20	None	-	-	-
Apr-20	Apr-19 to Mar-20	None	-	-	-
May-20	May-19 to Apr-20	None	-	-	-
Jun-20	Jun-19 to May-20	None	-	-	-
Jul-20	Jul-19 to Jun-20	None	-	-	-
Aug-20	Aug-19 to Jul-20	None	-	-	-
Sep-20	Sep-19 to Aug-20	None	-	-	-
Oct-20	Oct-19 to Sep-20	None	-	-	-
Nov-20	Nov-19 to Oct-20	None	-	-	-
Dec-20	Dec-19 to Nov-20	None	-	-	-
Jan-21	Jan-20 to Dec-20	2.7	\$6,095	1	\$2,300
Feb-21	Feb-20 to Jan-21	2.7	\$6,095	1	\$2,300
Mar-21	Mar-20 to Feb-21	2.7	\$6,095	1	\$2,300
Apr-21	Apr-20 to Mar-21	2.7	\$6,095	1	\$2,300

1. Pursuant to District Rule 2002(f)(1)(Q), the requirement to report 12-month rolling average SOx RTC price ended February 1, 2020. This table is provided as a courtesy.
2. District Rule 2015(b)(6) - Backstop Provisions provides additional "evaluation and review of the compliance and enforcement aspects of the RECLAIM program" if the average RTC price exceeds \$15,000 per ton.

**Table VI**

Twelve-Month Rolling Average Price Data for Compliance Year 2021 SOx RTCs  
(Report to Governing Board if rolling average price greater than \$50,000/ton)

<b>Twelve-Month Rolling Average Price Data for Compliance Year 2021 SOx RTC<sup>1</sup></b>					
<b>Reporting Month</b>	<b>12-Month Period</b>	<b>Total Volume Traded with Price During Past 12-month (tons)</b>	<b>Total Price of Volume Traded During Past 12-month (\$)</b>	<b>Number of Trades with Price</b>	<b>Rolling Average Price<sup>2</sup> (\$/ton)</b>
Jan-21	Jan-20 to Dec-20	None	-	-	-
Feb-21	Feb-20 to Jan-21	None	-	-	-
Mar-21	Mar-20 to Feb-21	None	-	-	-
Apr-21	Apr-20 to Mar-21	None	-	-	-

1. Pursuant to District Rule 2002(f)(1)(Q), the requirement to report 12-month rolling average SOx RTC price ended February 1, 2020. This table is provided as a courtesy.
2. District Rule 2015(b)(6) - Backstop Provisions provides additional "evaluation and review of the compliance and enforcement aspects of the RECLAIM program" if the average RTC price exceeds \$15,000 per ton.

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
General Counsel's Office**

**Settlement Penalty Report (03/01/2021 - 03/31/2021)**

**Total Penalties**

Civil Settlement: \$300,400.00  
 Criminal Referral Settlement: \$4,748.60  
 Hearing Board Settlement: \$27,000.00  
 MSPAP Settlement: \$29,920.00

**Total Cash Settlements:** \$362,068.60

**Fiscal Year through 03/31/2021 Cash Total:** \$4,067,846.19

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
<b>Civil</b>						
3704	ALL AMERICAN ASPHALT, UNIT NO.01	203, 402, 1146, 1155, 2004, 2012, H&S 41700	03/16/2021	DH	P66214, P66219, P66227, P66863, P66867, P67393, P68583, P68592, P69580, P69581, P69600, P69725	\$53,500.00
97316	AMERICAN WRECKING INC	1403	03/25/2021	SH	P63168	\$400.00
77271	ATLAS PACIFIC CORPORATION	203, 1147, 1420	03/03/2021	BT	P65035, P66429	\$19,700.00
18989	BOWMAN PLATING CO INC	201, 203, 1403, 1469, 1469.1, 40 CFR 61.145(a)	03/25/2021	DH	P33595, P33599, P66016, P69810, P69819, P69822	\$75,000.00
800030	CHEVRON PRODUCTS CO.	203(b), 401, 402, 403, 1118, 1173, 2004, 3002, H&S 41700	03/17/2021	BT	P63383, P64040, P64043, P64045, P67819, P67951, P68203, P68204	\$78,200.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
186809	CRYSTAL MANAGEMENT COMPANY	1403, 40 CFR 61.145(a)	03/25/2021	SH	P66707	\$800.00
186922	ESSEX PROPERTY TRUST, INC	1403	03/31/2021	SH	P66270	\$800.00
173290	MEDICLEAN	2004, 2012 Appendix A	3/18/2021	DH	P66919	\$10,000.00
800436	TESORO REFINING AND MARKETING CO, LLC	402, 3002(c)(1)	03/10/2021	BT	P65115, P67807	\$62,000.00
<b>Total Civil Settlements: \$300,400.00</b>						

#### Criminal Referral

188624	KOSTANYAN INVESTMENTS LLC	1403	03/12/2021	GV	P67610	\$4,748.60
<b>Total Criminal Referral Settlements: \$4,748.60</b>						

#### Hearing Board

181758	RUDOLPH FOODS WEST, INC.	202	03/18/2021	KCM	6168-1	\$2,000.00
104234	SCAQMD v. MISSION FOODS	202, 203(b), 1153.1, 1303	03/16/2021	KCM	5400-4	\$25,000.00
<b>Total Hearing Board Settlements: \$27,000</b>						

#### MSPAP

180911	ADVANCED STEEL RECOVERY	403	03/18/2021	GC	P63972	\$1,100.00
185084	AMERICAN OIL	461, H&S 41960	03/18/2021	GC	P68424	\$350.00
143695	ANAHEIM GASOLINE FOODMART & CARWASH	461(e)(5)	03/18/2021	GC	P67691	\$1,275.00
110577	ARMORCAST PRODUCTS COMPANY	3002(c)(1)	03/18/2021	GC	P67711	\$650.00
141096	BELMONT 76, NASSER GHAZI DBA	461, H&S 41960.2	03/03/2021	TCF	P69037	\$800.00
186332	BOUDREAU PIPELINE CORP.	13 CCR 2460	03/18/2021	GC	P68522	\$600.00
174284	CHIEF CLEANERS/E & MT INC	1421	03/23/2021	GC	P65873	\$200.00
183783	CLOVER EQUIPMENT LLC	13 CCR 2460	03/23/2021	GC	P68519	\$560.00
22914	CR & R INC	13 CCR 2460	03/23/2021	GC	P68521	\$850.00



Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
182725	CRESTLINE MARKET	461	03/23/2021	TCF	P68456	\$2,000.00
147667	DAVCAS DEMOLITION & HAULING	1403	03/23/2021	GC	P67473	\$960.00
186185	DAVID'S TREE SERVICE	13 CCR 2460	03/23/2021	GC	P68953	\$500.00
148990	DEL REAL TESTING	461	03/03/2021	GC	P67233, P67674	\$1,837.00
108373	GHN INC, ONTARIO VOLVO	461	03/03/2021	GC	P65400	\$300.00
137194	HONEY'S CLEANERS	1102	03/03/2021	GC	P63881	\$400.00
5254	JONATHAN CLUB	461, 1146	03/03/2021	GC	P66833	\$1,488.00
189499	KQ RETAIL STORES, INC	461	03/23/2021	GC	P69607	\$300.00
190640	LAFFERTY COMMUNITIES	403	03/31/2021	TCF	P68271	\$2,400.00
114208	MAGNOLIA OIL CO., HASSANG LLC, DBA	461(c)(3)(Q)	03/03/2021	TCF	P69036	\$300.00
146527	MULTIPLEX CAR WASH, INC/GRANVIA SERV CTR	461(c)(3)(Q)	03/31/2021	TCF	P69033	\$300.00
154429	N. B. OIL CO., INC. #2	203, 461	03/25/2021	TCF	P69003	\$1,000.00
135629	OIL PRO INC	203	03/02/2021	TCF	P68433	\$200.00
165725	PETROLEUM MANAGEMENT & MARKETING, INC	461(e)(1)	03/25/2021	TCF	P69017	\$250.00
160051	ROCHE EXCAVATING INC	1403	03/02/2021	TCF	P69707, P69708	\$1,500.00
183182	SHAMAAH, INC.	461, H&S 41960	03/25/2021	TCF	P68455	\$500.00
179539	SHANDIN HILLS GOLF CLUB EAGLE GOLF	461	03/03/2021	TCF	P68717	\$800.00
148736	SONU AND TONY CORPORATION, INC.	461(c)(3)(Q)	03/25/2021	TCF	P69030	\$300.00
19390	SULLY_MILLER CONTRACTING CO.	2004	03/25/2021	TCF	P68652	\$1,000.00
180588	SUNSTATE EQUIPMENT CO, LLC.	203	03/25/2021	TCF	P68705	\$800.00
161231	W & W AUTO SALE AND BODY REPAIR	1151(e)(1)	03/03/2021	TCF	P63977	\$400.00
140970	WESTWOOD CLEANERS	1421	03/03/2021	TCF	P68617	\$500.00
152307	WORKSTATION INDUSTRIES, INC	203(b)	03/31/2021	TCF	P68752	\$5,000.00
179854	ZANDI AND ASSOCIATE, LLC	461	03/03/2021	TCF	P68145	\$500.00
<b>Total MSPAP Settlements: \$29,920.00</b>						

**SOUTH COAST AQMD'S RULES AND REGULATIONS INDEX  
FOR MARCH 2021 PENALTY REPORT**

**REGULATION II - PERMITS**

- Rule 201 Permit to Construct
- Rule 202 Temporary Permit to Operate
- Rule 203 Permit to Operate

**REGULATION IV - PROHIBITIONS**

- Rule 401 Visible Emissions
- Rule 402 Nuisance
- Rule 403 Fugitive Dust - Pertains to solid particulate matter emitted from man-made activities
- Rule 461 Gasoline Transfer and Dispensing

**REGULATION XI - SOURCE SPECIFIC STANDARDS**

- Rule 1102 Petroleum Solvent Dry Cleaners
- Rule 1118 Emissions from Refinery Flares
- Rule 1146 Emissions of Oxides of Nitrogen from Industrial, Institutional and Commercial Boilers, Steam Generators, and Process Heaters
- Rule 1147 NOx Reductions from Miscellaneous Sources
- Rule 1151 Motor Vehicle and Mobile Equipment Non-Assembly Line Coating Operations
- Rule 1153.1 Emissions of Oxides of Nitrogen from Commercial Food Ovens
- Rule 1155 Particulate Matter Control Devices
- Rule 1173 Fugitive Emissions of Volatile Organic Compounds

**REGULATION XIII - NEW SOURCE REVIEW**

- Rule 1303 Requirements

**REGULATION XIV - TOXICS**

- Rule 1403 Asbestos Emissions from Demolition/Renovation Activities
- Rule 1420 Emissions Standard for Lead
- Rule 1421 Control of Perchloroethylene Emissions from Dry Cleaning Operations
- Rule 1469 Hexavalent Chromium Emissions from Chrome Plating and Chromic Acid Anodizing Operations
- Rule 1469.1 Spraying Operations Using Coatings Containing Chromium

**REGULATION XX - REGIONAL CLEAN AIR INCENTIVES MARKET (RECLAIM)**

- Rule 2004 RECLAIM Program Requirements
- Rule 2012 Protocol for Monitoring, Reporting, and Recordkeeping for Oxides of Nitrogen (NOx) Emissions

**REGULATION XXX - TITLE V PERMITS**

Rule 3002 Requirements for Title V Permits

**CALIFORNIA HEALTH AND SAFETY CODE**

41700 Violation of General Limitations  
41960 Certification of Gasoline Vapor Recovery System  
41960.2 Gasoline Vapor Recovery

**CALIFORNIA CODE OF REGULATIONS**

13 CCR 2460 Portable Equipment Testing Requirements

**CODE OF FEDERAL REGULATIONS**

40 CFR 61.145 Standard for Demolition and Renovation