

BOARD MEETING DATE: August 6, 2021

AGENDA NO. 15

REPORT: Rule and Control Measure Forecast

SYNOPSIS: This report highlights South Coast AQMD rulemaking activities and public hearings scheduled for 2021.

COMMITTEE: No Committee Review

RECOMMENDED ACTION:
Receive and file.

Wayne Nastri
Executive Officer

SLR:SN:IM:AK:ZS

2021 MASTER CALENDAR

The 2021 Master Calendar provides a list of proposed or proposed amended rules for each month, with a brief description, and a notation in the third column indicating if the rulemaking is for the 2016 AQMP, Toxics, AB 617 BARCT, or Other. Rulemaking efforts that are noted for implementation of the 2016 AQMP, Toxics, and AB617 BARCT are either statutorily required and/or are needed to address a public health concern. Projected emission reductions will be determined during rulemaking.

Staff continues to move forward with rulemaking, recognizing stakeholders' resource limitations due to COVID-19. To maintain social distancing while integrating public participation in the rulemaking process, staff is connecting with stakeholders using tele- and videoconferencing. Also, staff has increased the review time for working group materials to allow stakeholders additional time to prepare for meetings. Lastly, working group meetings have been restructured to be shorter in duration to better accommodate the tele- and video-conferencing format.

The following symbols next to the rule number indicate if the rulemaking will be a potentially significant hearing, will reduce criteria pollutants, or is part of the RECLAIM transition. Symbols have been added to indicate the following:

- * *This rulemaking is a potentially significant hearing.*
- + *This rulemaking will reduce criteria air contaminants and assist toward attainment of ambient air quality standards.*
- # *This rulemaking is part of the transition of RECLAIM to a command-and-control regulatory structure.*

The following table provides a list of changes since the previous Rule Forecast Report.

| | |
|--|---|
| 429.1^{*+#} | Startup and Shutdown Provisions at Petroleum Refineries and Related Operations |
| Proposed Rule 429.1 is being moved from September to November 2021, since it is a companion rule to Proposed Rule 1109.1 which has also been moved to November 2021. | |
| 1109^{*+#} | Emissions of Oxides of Nitrogen from Boilers and Process Heaters in Petroleum Refineries |
| 1109.1^{*+#} | Emissions of Oxides of Nitrogen from Petroleum Refineries and Related Operations |
| Proposed Rule 1109.1 is being moved from September to November 2021 to allow staff additional time to work with stakeholders. | |
| 1304^{*+#} | Exemptions |
| Proposed Amended Rule 1304 is addressing an issue directly related to Proposed Rule 1109.1, so Proposed Amended Rule 1304 is also being moved from September to November 2021. | |
| 1115 | Motor Vehicle Assembly Line Coating Operations |
| Proposed Amended Rule 1115 is being moved from October 2021 to January 2022 due to staffing resources. | |
| 1147.2 | NO_x Reductions from Metal Melting and Heating Furnaces |
| 1147 | NO_x Reductions from Miscellaneous Sources |
| Proposed Amended Rules 1147.2 and 1147 are being moved from October to December 2021 to allow staff additional time to work through key remaining issues with stakeholders. | |

* *Potentially significant hearing*

+ *Reduce criteria air contaminants and assist toward attainment of ambient air quality standards*

Part of the transition of RECLAIM to a command-and-control regulatory structure

| | |
|---|---|
| 118.1 | Public Safety Provisions for Emergency Standby Engines |
| Proposed Rule 118.1 is being moved from November to October 2021 to better distribute rules for the November Public Hearing. | |
| 1470 | Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines |
| Proposed Amended Rule 1470 is being moved from November to October 2021 to better distribute rules for the November Public Hearing. | |
| 429.2 | Startup and Shutdown Exemption Provisions from Electricity Generating Facilities for Oxides of Nitrogen |
| Proposed Rule 429.2 is being moved from November 2021 to 2 nd Quarter of 2022 due to staffing resources. | |
| 1135 | Emissions of Oxides of Nitrogen from Electricity Generating Facilities |
| Proposed Amended Rule 1135 is being moved from November 2021 to 2 nd Quarter of 2022 due to staffing resources. | |
| 222 | Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II |
| Proposed Amended Rule 222 is being moved from To-Be-Determined to December 2021 to address requirements for mobile fueling. | |

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2021 MASTER CALENDAR

| Month | Title and Description | Type of Rulemaking |
|--|--|---|
| September | | |
| 1111 | <p>Reduction of NOx Emissions from Natural-Gas-Fired, Fan-Type Central Furnaces</p> <p>Proposed amendments are needed to address upcoming implementation dates.</p> <p><i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | AQMP |
| October | | |
| 118.1 | <p>Public Safety Provisions for Emergency Standby Engines</p> <p>Proposed Rule 118.1 will address use of emergency standby engines for essential public services and other critical service facilities during a public safety power shutoff events.</p> <p><i>Susan Nakamura 909.396.3105; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other |
| 1470 | <p>Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines</p> <p>Proposed Amended Rule 1470 will address provisions for water and sewage facilities for testing engines and additional provisions, if needed, to ensure proposed amendments meet state requirements.</p> <p><i>Susan Nakamura 909.396.3105; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Toxics |
| November | | |
| 429.1 ^{*+#} | <p>Startup and Shutdown Provisions at Petroleum Refineries and Related Operations</p> <p>Proposed Rule 429.1 will establish start-up and shutdown provisions for petroleum refineries and facilities with operations associated with petroleum refineries.</p> <p><i>Michael Morris 909-396-3282; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other |
| 1109 ^{*+#} 1109.1 ^{*+#} | <p>Emissions of Oxides of Nitrogen from Boilers and Process Heaters in Petroleum Refineries</p> <p>Emissions of Oxides of Nitrogen from Petroleum Refineries and Related Operations</p> <p>Proposed Rule 1109.1 will establish NOx emission limits to reflect BARCT for NOx emitting equipment at petroleum refineries and related operations, and include monitoring, reporting, and recordkeeping requirements. Rule 1109 is proposed to be rescinded.</p> <p><i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | AQMP/ AB 617 BARCT/ AB 617 CERP |

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2021 MASTER CALENDAR (Continued)

| Month | Title and Description | Type of Rulemaking |
|-------------------------|---|--------------------|
| November (Continued) | | |
| 1157.1 | <p>Control of PM from Large Demolition Piles Proposed Rule 1157.1 will establish requirements to minimize PM emissions from large demolition piles including those with concrete from the demolition of buildings or roadways and associated crushing and grinding operations. The proposed rule may also require signage and advanced notification to nearby communities and South Coast AQMD prior to establishing an active site. <i>Victoria Moaveni 909.396.2455; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other |
| 1304 | <p>Exemptions Proposed Amended Rule 1304 will add a narrow exemption to address co-pollutant emissions associated with compliance with a BARCT requirement to reduce NOx emissions. <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | |
| December | | |
| 219* 461 461.1 | <p>Equipment Not Requiring a Written Permit Pursuant to Regulation II Gasoline Transfer and Dispensing Mobile Refueling Gasoline Transfer and Dispensing Proposed Amended Rule 219 will modify permitting requirements for mobile fueling operations. Proposed Amended 461 will remove requirements for mobile refueling operations and Proposed Rule 461.1 will establish requirements for retail mobile refueling operations. <i>Susan Nakamura 909.396.3105; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other |
| 222 | <p>Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II Proposed Amendments may be needed to require certain equipment that is currently not permitted to register the equipment to gather information and emissions data. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other |

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2022 MASTER CALENDAR

| Month | Title and Description | Type of Rulemaking |
|---------------------|--|--------------------------|
| January | | |
| 1115 | <p>Motor Vehicle Assembly Line Coating Operations Proposed amendments will address U.S. EPA RACT requirements. <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other |
| 1147*+ [#] | <p>NO_x Reductions from Miscellaneous Sources Proposed Amended Rule 1147 will revise NO_x emission limits to reflect Best Available Retrofit Control Technology for miscellaneous combustion sources and that will apply to RECLAIM and non-RECLAIM facilities.</p> | AQMP/ AB 617 BARCT |
| 1100 [#] | <p>Implementation Schedule for NO_x Facilities Proposed Amended Rule 1100 will establish the implementation schedule for Rule 1147 equipment at NO_x RECLAIM and former NO_x RECLAIM facilities. <i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | |
| February | | |
| 1153.1 | <p>Emissions of Oxides of Nitrogen from Commercial Food Ovens Proposed amendments to Rule 1153.1 may be needed to establish NO_x BARCT limits for the RECLAIM transition. <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | AQMP/ AB 617 BARCT |
| March | | |
| 1146.2 [#] | <p>Emissions of Oxides of Nitrogen from Large Water Heaters and Small Boilers and Process Heaters Proposed Amended Rule 1146.2 will update the NO_x emission limit to reflect Best Available Retrofit Control Technology. <i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | AQMP/ AB 617 BARCT |
| 1178 | <p>Further Reductions of VOC Emissions from Storage Tanks at Petroleum Facilities Proposed Amended Rule 1178 will incorporate the use of more advanced early leak detection methods and improve leak detection and repair programs for storage tanks to further reduce VOC emissions. Proposed amendments will implement one of the actions in the AB 617 Community Emission Reduction Plan. <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | AB 617 CERP |

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[#] Part of the transition of RECLAIM to a command-and-control regulatory structure

2022 MASTER CALENDAR (Continued)

| Month | Title and Description | Type of Rulemaking |
|-------------------------------|--|---------------------------|
| 2nd Quarter | | |
| 429.2 | <p>Startup and Shutdown Exemption Provisions from Electricity Generating Facilities for Oxides of Nitrogen Proposed Rule 429.2 will address exemptions from NO_x limits in Rule 1135 during startup and shutdown events. <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other |
| 1135 | <p>Emissions of Oxides of Nitrogen from Electricity Generating Facilities Proposed Amended Rule 1135 will revise monitoring, reporting, and recordkeeping provisions to reflect amendments to rules regulating Continuous Emissions Monitoring Systems and ammonia slip limits. Proposed amendments may also be needed to incorporate possible comments by U.S. EPA for approval into the SIP. <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | AQMP/ AB 617 BARCT |
| 1159.1 | <p>Control of NO_x Emissions from Nitric Acid Tanks Proposed Rule 1159.1 will establish requirements to reduce NO_x emissions from nitric acid units that will apply to RECLAIM and non-RECLAIM facilities. <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | AQMP/ AB 617 BARCT |
| 3rd Quarter | | |
| 1426.1 | <p>Control of Hexavalent Chromium Emissions from Metal Finishing Operations Proposed Rule 1426.1 will reduce hexavalent chromium emissions from chromium tanks used in metal finishing operations that do not have a chromium electroplating or chromic acid anodizing tank. <i>Susan Nakamura 909.396.3105; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Toxics |
| 1435* | <p>Control of Emissions from Metal Heat Treating Processes Proposed Rule 1435 will establish requirements to reduce point source and fugitive toxic air contaminants including hexavalent chromium emissions from heat treating processes. Proposed Rule 1435 will also include monitoring, reporting, and recordkeeping requirements. <i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Toxics/ AB 617 CERP |

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2022 MASTER CALENDAR (Continued)

| Month | Title and Description | Type of Rulemaking |
|--|--|---------------------------|
| 3rd Quarter (Continued) | | |
| 1445* | Control of Toxic Emissions from Laser Arc Cutting Proposed Rule 1445 will establish requirements to reduce metal toxic air contaminant particulate emissions from laser arc cutting. <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i> | Toxics |
| Regulation XIII*# | New Source Review Proposed Amended Regulation XIII will revise New Source Review provisions to address facilities that are transitioning from RECLAIM to a command-and-control regulatory structure. Staff may be proposing a new rule within Regulation XIII to address offsets for facilities that transition out of RECLAIM. <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i> | AQMP |
| Regulation XX*# | RECLAIM Proposed Amended Regulation XX will address the transition of RECLAIM facilities to a command and control regulatory structure. <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i> | AQMP |
| 4th Quarter | Title and Description | Type of Rulemaking |
| 1118* | Control of Emissions from Refinery Flares Proposed Amended Rule 1118 will incorporate revisions to further reduce flaring at refineries, provisions for clean service flares, and facility thresholds. The AB 617 Community Emission Reduction Plan has an emission reduction target to reduce flaring by 50 percent, if feasible. <i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i> | AQMP/ AB 617 CERP |
| 1173 | Control of Volatile Organic Compound Leaks and Releases from Components at Petroleum Facilities and Chemical Plants Proposed Amended Rule 1173 will further reduce emissions from petroleum and chemical plants by requiring early leak detection approaches consistent with AB 617 Community Emission Reduction Plan. <i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i> | Other/ AB 617 CERP |
| 1450* | Control of Methylene Chloride Emissions Proposed Rule 1450 will reduce methylene chloride emissions from furniture stripping and establish monitoring, reporting, and recordkeeping requirements. <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i> | Toxics |

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2021 To-Be-Determined

| 2021 | Title and Description | Type of Rulemaking |
|------|---|--------------------|
| 102 | <p>Definition of Terms Proposed amendments may be needed to update and add definitions, and potentially modify exemptions. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other |
| 103 | <p>Definition of Geographical Areas Proposed amendments are needed to update geographic areas to be consistent with state and federal references to those geographic areas. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other |
| 209 | <p>Transfer and Voiding of Permits Proposed amendments may be needed to clarify requirements for change of ownership and permits and the assessment of associated fees. <i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other |
| 219 | <p>Equipment Not Requiring a Written Permit Pursuant to Regulation II Proposed Amendments may be needed to address issues raised by U.S. EPA for approval in the State Implementation Plan. Proposed Amendments may also be needed to identify sources that are currently exempt from permitting. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other |
| 223 | <p>Emission Reduction Permits for Large Confined Animal Facilities Proposed Amended Rule 223 will seek additional ammonia emission reductions from large confined animal facilities by lowering the applicability threshold. Proposed amendments will implement BCM-04 in the 2016 AQMP. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | AQMP |
| 317 | <p>Clean Air Act Non-Attainment Fees Proposed amendments may be needed to modify CAA Section 185 fees for non-attainment. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other |

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2021 To-Be-Determined (Continued)

| 2021 | Title and Description | Type of Rulemaking |
|--------------------|---|------------------------------------|
| 407 [#] | <p>Liquid and Gaseous Air Contaminants Proposed Amended Rule 407 will update SO_x emission limits to reflect Best Available Retrofit Control Technology, if needed, remove exemptions for RECLAIM facilities, and update monitoring, reporting, and recordkeeping requirements. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | AB 617 BARCT |
| 410 | <p>Odors from Transfer Stations and Material Recovery Facilities Proposed Amended Rule 410 will clarify existing provisions. Additional provisions may be needed to address activities associated with diversion of food waste to transfer stations or material recovery facilities. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other |
| 425 | <p>Odors from Cannabis Processing Proposed Rule 425 will establish requirements for control of odors from cannabis processing. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other |
| 431.1 [#] | <p>Sulfur Content of Gaseous Fuels Proposed Amended Rule 431.1 will assess exemptions, including RECLAIM, and update other provisions, if needed. <i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | AB 617 BARCT/ AB 617 CERP |
| 431.2 [#] | <p>Sulfur Content of Liquid Fuels Proposed Amended Rule 431.2 will assess exemptions, including RECLAIM, and update other provisions, if needed. <i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | AB 617 BARCT/ AB 617 CERP |
| 431.3 [#] | <p>Sulfur Content of Fossil Fuels Proposed Amended Rule 431.3 will assess exemptions, including RECLAIM, and update other provisions, if needed. <i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | AB 617 BARCT/ AB 617 CERP |

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2021 To-Be-Determined (Continued)

| 2021 | Title and Description | Type of Rulemaking |
|---|--|--------------------|
| 442.1 1107 1124 1136 1145 1171 | <p>Usage of Solvent Coating of Metal Parts and Products Aerospace Assembly and Component Manufacturing Operations Wood Products Coatings Plastic, Rubber, Leather, and Glass Coatings Solvent Cleaning Operations</p> <p>Proposed amendments will prohibit the sale, distribution, and application of materials that do not meet the VOC limits specified in Regulation XI rules and possible provisions to prohibit circumvention of VOC limits. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other |
| 445* | <p>Wood Burning Devices</p> <p>Proposed Amended Rule 445 will address additional U.S. EPA requirements for Best Available Control Measures and potentially address ozone contingency measure requirements for the Coachella Valley. <i>Ian MacMillan 909.396.3244; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | AQMP |
| 462 | <p>Organic Liquid Loading</p> <p>Proposed Amended Rule 462 will incorporate the use of advanced techniques to detect fugitive emissions and Facility Vapor Leak. Other amendments may be needed to streamline implementation and add clarity. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other |
| 463 | <p>Organic Liquid Storage</p> <p>Proposed Amended Rule 463 will address the current test method and improve the effectiveness, enforceability, and clarity of the rule. Proposed amendments may also be needed to ensure consistency with Rule 1178. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other |
| 468 [#] | <p>Sulfur Recovery Units</p> <p>Proposed Amended Rule 468 will update SO_x emission limits to reflect Best Available Retrofit Control Technology, if needed, remove exemptions for RECLAIM facilities, and update monitoring, reporting, and recordkeeping requirements. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | AB 617 BARCT |
| 469 [#] | <p>Sulfuric Acid Units</p> <p>Proposed Amended Rule 469 will update SO_x emission limits to reflect Best Available Retrofit Control Technology, if needed, remove exemptions for RECLAIM facilities, and update monitoring, reporting, and recordkeeping requirements. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | AB 617 BARCT |

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2021 To-Be-Determined (Continued)

| 2021 | Title and Description | Type of Rulemaking |
|----------------------------------|--|------------------------------------|
| 1101 [#] | <p>Secondary Lead Smelters/Sulfur Oxides Proposed Amended Rule 1101 will update SO_x emission limits to reflect Best Available Retrofit Control Technology, if needed, remove exemptions for RECLAIM facilities, and update monitoring, reporting, and recordkeeping requirements. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | AB 617 BARCT |
| 1105 [#] | <p>Fluid Catalytic Cracking Units SO_x Proposed Amended Rule 1105 will update SO_x emission limits to reflect Best Available Retrofit Control Technology, if needed, remove exemptions for RECLAIM facilities, and update monitoring, reporting, and recordkeeping requirements. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | AB 617 BARCT/ AB 617 CERP |
| 1110.2 ^{*+[#]} | <p>Emissions from Gaseous- and Liquid-Fueled Engines Proposed amendments will address use of emergency standby engines at essential public services for Public Safety Power Shutoff programs. Proposed amendments may also be needed to incorporate possible comments by U.S. EPA for approval into the SIP and address monitoring provisions for new engines. <i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | AQMP/ AB 617 BARCT |
| 1111.1 | <p>Zero-Emission Residential Furnaces Proposed Rule 1111.1 may include provisions to encourage zero emission residential furnaces that goes beyond Rule 1111 for gas-fired furnaces. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | AQMP |
| 1113 | <p>Architectural Coatings Proposed amendments may be needed to clarify applicability of the rule with respect to potential delisted compounds. <i>Dave DeBoer 909.396.2329; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other |
| 1119 [#] | <p>Petroleum Coke Calcining Operations – Oxides of Sulfur Proposed Amended Rule 1119 will update SO_x emission limits to reflect Best Available Retrofit Control Technology, if needed, remove exemptions for RECLAIM facilities, and update monitoring, reporting, and recordkeeping requirements. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | AB 617 BARCT/ AB 617 CERP |

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2021 To-Be-Determined (Continued)

| 2021 | Title and Description | Type of Rulemaking |
|---------------------|---|--------------------|
| 1121* | <p>Control of Nitrogen Oxides from Residential Type, Natural-Gas-Fired Water Heaters</p> <p>Proposed amendments may be needed further reduce NO_x emissions from water heaters.</p> <p><i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | AQMP |
| 1121.1 | <p>Zero Emission Residential Water Heaters</p> <p>Proposed Rule 1121.1 may include provisions to encourage zero emission water heaters that goes beyond Rule 1121 for gas-fired water heaters.</p> <p><i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | AQMP |
| 1133.3 | <p>Emission Reductions from Greenwaste Composting Operations</p> <p>Proposed Amended Rule 1133.3 will seek additional VOCs and ammonia emission reductions from greenwaste and foodwaste composting. Proposed amendments will implement BCM-10 in the 2016 AQMP.</p> <p><i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | AQMP |
| 1138 | <p>Control of Emissions from Restaurant Operations</p> <p>Proposed Amended Rule 1138 will further reduce emissions from char boilers.</p> <p><i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | AQMP |
| 1142 | <p>Marine Tank Vessel Operations</p> <p>Proposed Amended Rule 1142 will address VOC and hydrogen sulfide emissions from marine tank vessel operations, applicability, noticing requirements, and provide clarifications.</p> <p><i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other |
| 1146 | <p>Emissions of Oxides of Nitrogen from Industrial, Institutional, and Commercial Boilers, Steam Generators, and Process Heaters</p> <p>Proposed amendments to Rule 1146 may be needed to incorporate comments from U.S. EPA.</p> <p><i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other |
| 1146.1 [#] | <p>Emissions of Oxides of Nitrogen from Small Industrial, Institutional, and Commercial Boilers, Steam Generators, and Process Heaters</p> <p>Proposed amendments to Rule 1146.1 may be needed to clarify provisions for industry-specific categories and to incorporate comments from U.S. EPA.</p> <p><i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other |

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2021 To-Be-Determined (Continued)

| 2021 | Title and Description | Type of Rulemaking |
|---------|---|--------------------------|
| 1148.1* | <p>Oil and Gas Production Wells Proposed Amendments to Rule 1148.1 may be needed to further reduce emissions from operations, implement early leak detection, odor minimization plans, and enhanced emissions and chemical reporting from oil and drilling sites consistent with the AB 617 Community Emission Reduction Plan.</p> <p align="center"><i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other/ AB 617 CERP |
| 1148.2 | <p>Notification and Reporting Requirements for Oil and Gas Wells and Chemical Suppliers Proposed amendments to Rule 1148.2 may be needed to improve notifications of well working activities to the community and to address other issues.</p> <p align="center"><i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other/ AB 617 CERP |
| 1166 | <p>Volatile Organic Compound Emissions from Decontamination of Soil Proposed Amended Rule 1166 will update requirements, specifically concerning notifications and usage of mitigation plans (site specific versus various locations).</p> <p align="center"><i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other |
| 1168 | <p>Adhesive and Sealant Applications Staff is considering possible amendments for foam insulation applications. Other amendments may also be needed.</p> <p align="center"><i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other |
| 1176 | <p>VOC Emissions from Wastewater Systems Proposed Amended Rule 1176 will clarify the applicability of the rule to include bulk terminals under definition of "Industrial Facilities," and streamline and clarify provisions.</p> <p align="center"><i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other/ AB 617 CERP |
| 1180 | <p>Refinery Fenceline and Community Air Monitoring Amendments to Rule 1180 may be needed to provide additional clarity and if Proposed Rule 1180.1 is adopted, provisions may be needed to provide additional clarity.</p> <p align="center"><i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other |
| 1180.1 | <p>Fenceline and Community Monitoring Proposed Rule 1180.1 may establish fenceline and community monitoring requirements for non-petroleum refineries and facilities that are not currently included in Rule 1180 – Refinery Fenceline and Community Air Monitoring.</p> <p align="center"><i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other |

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2021 To-Be-Determined (Continued)

| 2021 | Title and Description | Type of Rulemaking |
|----------------|---|--------------------|
| 1403* | <p>Asbestos Emissions from Demolition/Renovation Activities Proposed Amended Rule 1403 will enhance implementation, improve rule enforceability, update provisions, notifications, exemptions, and align provisions with the applicable U.S. EPA National Emission Standard for Hazardous Air Pollutants (NESHAP) and other state and local requirements as necessary.</p> <p align="center"><i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Toxics |
| 1404 | <p>Hexavalent Chromium Emissions from Cooling Towers Amendments may be needed to provide additional clarifications to use of process water that is associated with sources that have the potential to contain chromium in cooling towers.</p> <p align="center"><i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Toxics |
| 1405 | <p>Control of Ethylene Oxide and Chlorofluorocarbon Emissions from Sterilization or Fumigation Processes Amendments may be needed to address ethylene oxide emissions from sterilization of medical equipment.</p> <p align="center"><i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Toxics |
| 1415 1415.1 | <p>Reduction of Refrigerant Emissions from Stationary Air Conditioning Systems, and Reduction of Refrigerant Emissions from Stationary Refrigeration Systems Proposed Amended Rules 1415 and 1415.1 will align requirements with the proposed CARB Refrigerant Management Program and U.S. EPA's Significant New Alternatives Policy Rule provisions relative to prohibitions on specific hydrofluorocarbons.</p> <p align="center"><i>David De Boer 909.396.2329; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other |
| 1420 | <p>Emissions Standard for Lead Proposed Amended Rule 1420 will update requirements to address arsenic emissions to close a regulatory gap between Rule 1420 and Rule 1407 - Control of Emissions of Arsenic, Cadmium, and Nickel from Non-Ferrous Metal Melting Operations. Other provisions may be needed to address storage and handling requirements, and revise closure requirements.</p> <p align="center"><i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Toxics |
| 1420.1 | <p>Emission Standards for Lead and Other Toxic Air Contaminants from Large Lead-Acid Battery Recycling Facilities Proposed Amendments are needed to update applicable test methods and provide clarifications regarding submittal of a source-test protocol. Additional amendments may be needed to address monitoring and post closure requirements.</p> <p align="center"><i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Toxics |

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2021 To-Be-Determined (Continued)

| 2021 | Title and Description | Type of Rulemaking |
|--------|--|---------------------------|
| 1420.2 | <p>Emission Standards for Lead from Metal Melting Facilities Proposed Amended Rule 1420.2 will update requirements to address arsenic emissions to close a regulatory gap between Rule 1420 and Rule 1407 - Control of Emissions of Arsenic, Cadmium, and Nickel from Non-Ferrous Metal Melting Operations. Additional amendments may be needed to address monitoring and post closure requirements. <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Toxics |
| 1421 | <p>Control of Perchloroethylene Emissions from Dry Cleaning Systems Proposed amendments may be needed to address implementation issues. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Toxics |
| 1455 | <p>Control of Hexavalent Chromium Emissions from Torch Cutting and Welding Proposed Rule 1455 will establish requirements to reduce hexavalent chromium emissions from torch cutting and welding of chromium alloys. <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Toxics |
| 1460 | <p>Control of Particulate Emissions from Metal Cutting and Shredding Operations Proposed Rule 1460 will establish housekeeping and best management practices to minimize fugitive particulate emissions from metal cutting and shredding operations. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other |
| 1466.1 | <p>Control of Particulate Emissions from Demolition of Buildings and Structures with Equipment and Processes with Metal Toxic Air Contaminants Proposed Rule 1466.1 would establish requirements to minimize PM emissions during the demolition of buildings that housed equipment and processes with metal toxic air contaminants and pollution control equipment. <i>TBD; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Toxics |
| 1472 | <p>Requirements for Facilities with Multiple Stationary Emergency Standby Diesel-Fueled Internal Combustion Engines Proposed Amended Rule 1472 will remove provisions that are no longer applicable, update and streamline provisions to reflect the 2015 Health Risk Assessment Guidelines, and assess the need for a Compliance Plans. <i>Michael Morris 909.396.3282; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Toxics |
| 1480 | <p>Toxics Monitoring Proposed amendments to Rule 1480 may be needed to remove fee provisions if they are incorporated in Regulation III. <i>Michael Krause 909.396.2706; CEQA: Michael Krause 909.396.2706 and Socio: Ian MacMillan 909.396.3244</i></p> | Toxics/ AB 617 CERP |

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2021 To-Be-Determined (Continued)

| 2021 | Title and Description | Type of Rulemaking |
|---|--|--|
| 2202* | <p>On-Road Motor Vehicle Mitigation Options Proposed Amended Rule 2202 will streamline implementation for regulated entities, as well as reduce review and administration time for South Coast AQMD staff. Concepts may include program components to facilitate achieving average vehicle ridership (AVR) targets. <i>Carol Gomez 909.396.3264; CEQA: Michael Krause 909.396.2706; Socio: Ian MacMillan 909.396.3244</i></p> | Other |
| Regulation XXIII*+ | <p>Facility-Based Mobile Sources Proposed rules within Regulation XXIII would reduce emissions from indirect sources (e.g., mobile sources that visit facilities). <i>Ian MacMillan 909.396.3244; CEQA: Michael Krause 909.396.2706 Socio: Ian MacMillan 909.396.3244</i></p> | AQMP/ Toxics/ AB 617 CERP |
| Regulation II, III, IV, XIV, XI, XIX, XXIII, XXIV, XXX and XXXV | <p>Various rule amendments may be needed to meet the requirements of state and federal laws, implement OEHHA’s 2015 revised risk assessment guidance, changes from OEHHA to new or revised toxic air contaminants or their risk values, address variance issues, emission limits, technology-forcing emission limits, conflicts with other agency requirements, to abate a substantial endangerment to public health, additional reductions to meet SIP short-term measure commitments, to address issues raised by U.S. EPA or CARB for the SIP, compliance issues that are raised by the Hearing Board, or regulatory amendments needed as a result of the COVID-19 pandemic. Amendments to existing rules may be needed to address use of materials that contain chemicals of concern. The associated rule development or amendments include, but are not limited to, South Coast AQMD existing, or new rules to implement the 2012 or 2016 AQMP measures. This includes measures in the 2016 AQMP to reduce toxic air contaminants or reduce exposure to air toxics from stationary, mobile, and area sources. Rule adoption or amendments may include updates to provide consistency with CARB Statewide Air Toxic Control Measures, or U.S. EPA’s National Emission Standards for Hazardous Air Pollutants. Rule adoption or amendments may be needed to implement AB 617 including but not limited to BARCT rules, Community Emission Reduction Plans prepared pursuant to AB 617, or new or amended rules to abate a public health issue identified through emissions testing or ambient monitoring.</p> | Other/ AQMP/ Toxics/ AB 617 BARCT/ AB 617 CERP |

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