

BOARD MEETING DATE: May 1, 2020

AGENDA NO. 13

REPORT: Rule and Control Measure Forecast

SYNOPSIS: This report highlights South Coast AQMD rulemaking activities and public hearings scheduled for 2020.

COMMITTEE: No Committee Review

RECOMMENDED ACTION:  
Receive and file.

Wayne Natri  
Executive Officer

PMF:SN:SR:AK:ZS

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## **2020 MASTER CALENDAR**

The 2020 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.

A number of proposed rules have been moved to later dates in 2020 and into 2021 in light of COVID-19. Since the April Rule Forecast Report, the South Coast AQMD staff has been moving at a measured pace recognizing stakeholders' resource limitations associated with COVID-19. To maintain social distancing while integrating public participation in the rulemaking process, staff will be connecting with stakeholders using tele- and videoconferencing. Also, staff will increase the review time of Working Group materials to allow stakeholders additional time to prepare for meetings and better facilitate participation. Lastly, Working Group Meetings will be structured to be shorter in duration to better accommodate the tele- and video-conferencing format.

The goal is to move forward with critical and legally required rulemaking activities without sacrificing full public participation.

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 summarizes changes to the schedule since last month’s Rule and Control Measure Forecast Report. Staff will continue to work with all stakeholders as these projects move forward.

|  |   |
|--|---|
| <b>445</b>   | <b>Wood Burning Devices (PM 2.5 Contingency)</b>  |
| Proposed Amended Rule 445 will be moved from May to June 2020 to allow for proper notice of the public hearing.  |   |
| <b>1111</b>  | <b>Reduction of NOx Emissions From Natural Gas-Fired Fan-Type Central Furnaces</b>              |
| Proposed Amended Rule 1111 is added to September 2020 to provide additional time for manufacturers to meet the NOx emission limit and to commercialize certain furnaces due to manufacturing delays associated with COVID-19.  |   |
| <b>1109</b>  | <b>Emissions of Oxides of Nitrogen from Boilers and Process Heaters in Petroleum Refineries</b> |
| <b>1109.1</b>  | <b>Reduction of Emissions of Oxides of Nitrogen from Refinery Equipment</b>                     |
| Proposed Rule 1109 and Proposed Amended Rule 1109.1 are being moved from September 2020 to To-Be-Determined with an anticipated public hearing date of the first quarter of 2021, to allow staff additional time complete the BARCT analysis and to incorporate modifications to the rulemaking process in response to COVID-19. |   |
| <b>1147</b>  | <b>NOx Reductions from Miscellaneous Sources</b>  |
| <b>1100</b>  | <b>Implementation Schedule for NOx Facilities</b>   |
| Proposed Amended Rules 1147 and 1100 are being moved from September to December 2020 to allow staff to complete the BARCT analysis and to incorporate modifications to the rulemaking process in response to COVID-19.   |   |

|  |   |
|--|---|
| <b>218</b>   | <b>Continuous Emission Monitoring</b>   |
| <b>218.1</b>   | <b>Continuous Emission Monitoring Performance Specifications</b>                                  |
| <b>218.2</b>   | <b>Enhanced Requirements for Continuous Emission Monitoring System</b>                            |
| <b>218.3</b>   | <b>Enhanced Requirements for Continuous Emission Monitoring System Performance Specifications</b> |
| Proposed Amended Rules 218 and 218.1 and Proposed Rules 218.2 and 218 .3 are being moved from October to November 2020 to incorporate modifications to the rulemaking process in response to COVID-19.   |   |
| <b>1450</b>  | <b>Control of Methylene Chloride Emissions</b>  |
| Proposed Rule 1450 is being moved from October 2020 to To-Be-Determined, with an anticipated public hearing date of the third quarter of 2021. This will provide additional time for staff to collect information and work with stakeholders.  |   |
| <b>1469.1</b>  | <b>Spraying Operations Using Coatings Containing Chromium</b>                                     |
| Proposed Amended Rule 1469.1 is being moved from October 2020 to To-Be-Determined, with an anticipated public hearing date of the first quarter of 2021, to allow additional time to work with stakeholders and to incorporate modifications to the rulemaking process in response to COVID-19.  |   |
| <b>1147</b>  | <b>NOx Reductions from Miscellaneous Sources</b>  |
| <b>1147.2</b>  | <b>NOx Reductions from Metal Melting and Heating Furnaces</b>                                     |
| <b>1100</b>  | <b>Implementation Schedule for NOx Facilities</b>   |
| Proposed Amended Rules 1147, 1147.2, and 1100 are being moved from November 2020 to To-Be-Determined, with an anticipated public hearing date of the first quarter of 2021, to allow additional time to work with stakeholders on the BARCT analysis and to incorporate modifications to the rulemaking process in response to COVID-19. |   |
| <b>1435</b>  | <b>Control of Emissions from Metal Heat Treating Processes</b>                                    |
| Proposed Rule 1435 is being moved from November 2020 to To-Be-Determined, with an anticipated public hearing date of the third quarter of 2021, to allow additional time conduct emissions testing which was delayed due to COVID-19.  |   |
| <b>1147</b>  | <b>NOx Reductions from Miscellaneous Sources</b>  |
| <b>1147.1</b>  | <b>NOx Reductions for Equipment at Aggregate Facilities</b>                                       |
| Proposed Amended Rule 1147 and Proposed Rule 1147.1 are being moved from December 2020 to To-Be-Determined, with an anticipated public hearing date of the first quarter of 2021, to allow additional time for staff to gather data and work with stakeholders.  |   |
| <b>1150.3</b>  | <b>NOx Emission Reductions from Combustion Equipment at Landfills</b>                             |
| Proposed Rule 1150.3 is being moved from December 2020 to To-Be-Determined, with an anticipated public hearing date of the first quarter of 2021 to allow staff additional time to work with stakeholders.   |   |

|   |   |
|---|---|
| <b>1426</b>   | <b>Reduction of Toxic Air Contaminants from Metal Finishing Operations</b>                                    |
| Proposed Amended Rule 1426 is being moved from December 2020 to To-Be-Determined, with an anticipated public hearing date of the third quarter of 2021, to address resource concerns from industry representatives due to COVID-19.   |   |
| <b>2305</b>   | <b>Warehouse Indirect Source Rule – Warehouse Actions and Investments to Reduce Emissions (WAIRE) Program</b> |
| Proposed Rule 2305 is being moved from September 2020 to To-Be-Determined, with an anticipated public hearing date of the first quarter of 2021 to allow more time to work with stakeholders and incorporate modifications to the rulemaking process in response to COVID-19.                         |   |
| <b>Reg. XXIII</b>   | <b>Facility-Based Mobile Sources</b>  |
| Proposed rules within Regulation XXIII are being moved from December 2020 to To-Be-Determined, with an anticipated public hearing date of the second quarter of 2021 to allow more time to work with stakeholders and to incorporate modifications to the rulemaking process in response to COVID-19. |   |

## 2020 MASTER CALENDAR

| Month   | Title and Description   | Type of Rulemaking       |
|---|---|--------------------------|
| <b>June</b>                                   |   |                          |
| 445*  | <p><b>Wood Burning Devices (PM 2.5 Contingency)</b><br/>                     Proposed Amended Rule 445 will include contingency provisions in the event the region fails to attain the PM2.5 federal ambient air quality standards or to meet any reasonable further progress requirements.<br/> <i>Tracy Goss 909.396.3106; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>   | AQMP                     |
| 1117+#  | <p><b>Emissions from Glass Melting and Sodium Silicate Furnaces (Formerly Emissions of Oxides of Nitrogen from Glass Melting Furnaces)</b><br/>                     Proposed Amended Rule 1117 will establish NOx and SOx emission limits to reflect Best Available Retrofit Control Technology for glass melting and sodium silicate furnaces and will apply to RECLAIM and non-RECLAIM facilities.<br/> <i>Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>  | AQMP/<br>AB 617<br>BARCT |
| <b>August</b>                                 |   |                          |
| 212   | <p><b>Standards for Approving Permits and Issuing Public Notice</b><br/>                     Staff will be providing notices that Rule 212 will be submitted to U.S. EPA for SIP approval, with no proposed amendments.<br/> <i>Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>   | Other                    |
| 442.1<br>1107<br>1124<br>1136<br>1145<br>1171 | <p><b>Usage of Solvent<br/>                     Coating of Metal Parts and Products<br/>                     Aerospace Assembly and Component Manufacturing Operations<br/>                     Wood Products Coatings<br/>                     Plastic, Rubber, Leather, and Glass Coatings<br/>                     Solvent Cleaning Operations</b><br/>                     Proposed Rule 442.1 will prohibit the sale, distribution, and application of materials that do not meet the VOC limits specified in Regulation XI rules. Proposed amendments may also be needed to prohibit circumvention of VOC limits in Rules 1107, 1124, 1136, 1145, and 1171.<br/> <i>TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p> | Other                    |

\* 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

## 2020 MASTER CALENDAR (Continued)

| Month  | Title and Description   | Type of Rulemaking       |
|--|---|--------------------------|
| <b>September</b>                                       |   |                          |
| 1111   | <p><b>Reduction of NOx Emissions from Natural-Gas-Fired, Fan-Type Central Furnaces</b></p> <p>Proposed Amended Rule 1111 will extend the compliance date for certain furnaces to allow manufacturers additional time to commercialize compliant furnaces.</p> <p style="text-align: center;"><i>Michael Krause 909.396.2706; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>   | AQMP                     |
| <b>October</b>   |   |                          |
| 1179.1*+   | <p><b>NOx Emission Reductions from Combustion Equipment at Publicly Owned Treatment Work Facilities</b></p> <p>Proposed Rule 1179.1 will establish NOx emission limits for combustion equipment burning biofuels to reflect Best Available Retrofit Control Technology and include monitoring, reporting, and recordkeeping requirements at publicly owned treatment works.</p> <p style="text-align: center;"><i>Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>   | AQMP/<br>AB 617<br>BARCT |
| <b>November</b>  |   |                          |
| 218*#<br>218.1<br>218.2<br>(Added)<br>218.3<br>(Added) | <p><b>Continuous Emission Monitoring</b></p> <p><b>Continuous Emission Monitoring Performance Specifications</b></p> <p><b>Enhanced Requirements for Continuous Emission Monitoring System</b></p> <p><b>Enhanced Requirements for Continuous Emission Monitoring System Performance Specifications</b></p> <p>Proposed Amended Rules 218 and 218.1 will include existing provisions for continuous emissions monitoring systems for non-RECLAIM facilities with minor revisions. The revised provisions that enhance requirements for Continuous Emissions Monitoring Systems (CEMS) will be included in separate rules, Proposed Rules 218.2 and 218.3, to streamline implementation. As a result, Proposed Rules 218.2 and 218.3 will incorporate the revised provisions for CEMS for non-RECLAIM and former RECLAIM facilities.</p> <p style="text-align: center;"><i>Michael Krause 909.396.2706; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p> | AQMP                     |

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**2020 MASTER CALENDAR (Continued)**

| Month                          | Title and Description  | Type of Rulemaking        |
|--------------------------------|--|---------------------------|
| <b>November</b><br>(Continued) |  |                           |
| 1407.1*                        | <p><b>Control of Toxic Air Contaminant Emissions from Chromium Alloy Melting Operations</b><br/>                     Proposed Rule 1407.1 will establish requirements to reduce point source and fugitive toxic air contaminant emissions from chromium alloy metal melting operations.<br/> <i>Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>  | Toxics/<br>AB 617<br>CERP |
| <b>December</b>                |  |                           |
| 1147*+<br><br>1100#            | <p><b>NOx Reductions from Miscellaneous Sources</b><br/>                     Proposed Amended Rule 1147 will revise NOx emission limits to reflect Best Available Retrofit Control Technology for miscellaneous combustion sources and that will apply to RECLAIM and non-RECLAIM facilities.<br/><br/> <b>Implementation Schedule for NOx Facilities</b><br/>                     Proposed Amended Rule 1100 will establish the implementation schedule for Rule 1147 equipment at NOx RECLAIM and former NOx RECLAIM facilities.<br/> <i>Michael Krause 909.396.2706; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p> | AQMP/<br>AB 617<br>BARCT  |
| 2202*                          | <p><b>On-Road Motor Vehicle Mitigation Options</b><br/>                     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.<br/> <i>Carol Gomez 909.396.3264; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>   | Other                     |

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

## 2020 To-Be-Determined

| 2020               | Title and Description   | Type of Rulemaking                 |
|--------------------|---|------------------------------------|
| 209                | <p><b>Transfer and Voiding of Permits</b><br/>Staff may propose amendments to clarify requirements for change of ownership and permits and the assessment of associated fees.<br/><i>Michael Krause 909.396.2706; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>  | Other                              |
| 219                | <p><b>Equipment Not Requiring a Written Permit Pursuant to Regulation II</b><br/>Proposed Amended Rule 219 will add or revise equipment not requiring a written permit.<br/><i>TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>  | Other                              |
| 222                | <p><b>Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II</b><br/>Proposed Amended Rule 222 will add or revise equipment subject to filing requirements.<br/><i>Michael Krause 909.396.2706; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>  | Other                              |
| 223                | <p><b>Emission Reduction Permits for Large Confined Animal Facilities</b><br/>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.<br/><i>TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>  | AQMP                               |
| 407 <sup>#</sup>   | <p><b>Liquid and Gaseous Air Contaminants</b><br/>Proposed Amended Rule 407 will update SO<sub>x</sub> emission limits to reflect Best Available Retrofit Control Technology, if needed, remove exemptions for RECLAIM facilities, and update monitoring, reporting, and recordkeeping requirements.<br/><i>TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p> | AB 617<br>BARCT                    |
| 425                | <p><b>Odors from Cannabis Processing</b><br/>Proposed Rule 425 will establish requirements for control of odors from cannabis processing.<br/><i>Tracy Goss 909.396.3106; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>  | Other                              |
| 431.1 <sup>#</sup> | <p><b>Sulfur Content of Gaseous Fuels</b><br/>Proposed Amended Rule 431.1 will assess exemptions, including RECLAIM, and update other provisions, if needed.<br/><i>Michael Krause 909.396.2706; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>   | AB 617<br>BARCT/<br>AB 617<br>CERP |
| 431.2 <sup>#</sup> | <p><b>Sulfur Content of Liquid Fuels</b><br/>Proposed Amended Rule 431.2 will assess exemptions, including RECLAIM, and update other provisions, if needed.<br/><i>Michael Krause 909.396.2706; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>  | AB 617<br>BARCT/<br>AB 617<br>CERP |

\* 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



## 2020 To-Be-Determined (Continued)

| 2020               | Title and Description   | Type of Rulemaking                 |
|--------------------|---|------------------------------------|
| 431.3 <sup>#</sup> | <p><b>Sulfur Content of Fossil Fuels</b><br/> Proposed Amended Rule 431.3 will assess exemptions, including RECLAIM, and update other provisions, if needed.<br/> <i>Michael Krause 909.396.2706; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>  | AB 617<br>BARCT/<br>AB 617<br>CERP |
| 461                | <p><b>Gasoline Transfer and Dispensing</b><br/> Proposed Amended Rule 461 will reflect information from CARB, corrections, revisions, and additions to improve the effectiveness, enforceability, and clarity of the rule.<br/> <i>TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>  | AQMP/<br>Toxics                    |
| 462                | <p><b>Organic Liquid Loading</b><br/> 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.<br/> <i>TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>                                      | Other                              |
| 463                | <p><b>Organic Liquid Storage</b><br/> 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.<br/> <i>TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>                               | Other                              |
| 468 <sup>#</sup>   | <p><b>Sulfur Recovery Units</b><br/> Proposed Amended Rule 468 will update SO<sub>x</sub> emission limits to reflect Best Available Retrofit Control Technology, if needed, remove exemptions for RECLAIM facilities, and update monitoring, reporting, and recordkeeping requirements.<br/> <i>TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p> | AB 617<br>BARCT                    |
| 469 <sup>#</sup>   | <p><b>Sulfuric Acid Units</b><br/> Proposed Amended Rule 469 will update SO<sub>x</sub> emission limits to reflect Best Available Retrofit Control Technology, if needed, remove exemptions for RECLAIM facilities, and update monitoring, reporting, and recordkeeping requirements.<br/> <i>TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>   | AB 617<br>BARCT                    |

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

## 2020 To-Be-Determined (Continued)

| 2020   | Title and Description   | Type of Rulemaking                          |
|--|---|---|
| 1101 <sup>#</sup>                              | <p><b>Secondary Lead Smelters/Sulfur Oxides</b><br/>Proposed Amended Rule 1101 will update SO<sub>x</sub> emission limits to reflect Best Available Retrofit Control Technology, if needed, remove exemptions for RECLAIM facilities, and update monitoring, reporting, and recordkeeping requirements.</p> <p style="text-align: center;"><i>TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>   | AB 617<br>BARCT                             |
| 1105 <sup>#</sup>                              | <p><b>Fluid Catalytic Cracking Units SO<sub>x</sub></b><br/>Proposed Amended Rule 1105 will update SO<sub>x</sub> emission limits to reflect Best Available Retrofit Control Technology, if needed, remove exemptions for RECLAIM facilities, and update monitoring, reporting, and recordkeeping requirements.</p> <p style="text-align: center;"><i>TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>   | AB 617<br>BARCT/<br>AB 617<br>CERP          |
| 1109 <sup>*+##</sup><br>1109.1 <sup>*+##</sup> | <p><b>Emissions of Oxides of Nitrogen from Boilers and Process Heaters in Petroleum Refineries</b><br/><b>Reduction of Emissions of Oxides of Nitrogen from Refinery Equipment</b><br/>Proposed Rule 1109.1 will establish NO<sub>x</sub> emission limits to reflect Best Available Retrofit Control Technology for NO<sub>x</sub> emitting equipment at petroleum refineries and related operations, and include monitoring, reporting, and recordkeeping requirements. Rule 1109 is proposed to be rescinded.</p> <p style="text-align: center;"><i>Michael Krause 909.396.2706; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p> | AQMP/<br>AB 617<br>BARCT/<br>AB 617<br>CERP |
| 1110.2 <sup>*+##</sup>                         | <p><b>Emissions from Gaseous - and Liquid-Fueled Engines</b><br/>Proposed amendments may be needed for Rule 1110.2 to incorporate possible comments by U.S. EPA for approval in the SIP and/or to address use of emergency standby engines for Public Safety Power Shutoff programs.</p> <p style="text-align: center;"><i>Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>  | AQMP/<br>AB 617<br>BARCT                    |
| 1113   | <p><b>Architectural Coatings</b><br/>Amendments may be needed to clarify applicability of the rule with respect to distribution.</p> <p style="text-align: center;"><i>Dave DeBoer 909.396.2329; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>   | Other                                       |
| 1118 <sup>*</sup>                              | <p><b>Control of Emissions from Refinery Flares</b><br/>Proposed Amended Rule 1118 will revise provisions to further reduce flaring. The AB 617 Community Emission Reduction Plan has an emission reduction target to reduce flaring by 50 percent if feasible.</p> <p style="text-align: center;"><i>Michael Krause 909.396.2706; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>   | AQMP/<br>AB 617<br>CERP                     |

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

**2020 To-Be-Determined (Continued)**

| 2020              | Title and Description   | Type of Rulemaking                 |
|-------------------|---|------------------------------------|
| 1119 <sup>#</sup> | <p><b>Petroleum Coke Calcining Operations – Oxides of Sulfur</b><br/>                     Proposed Amended Rule 1119 will update SO<sub>x</sub> emission limits to reflect Best Available Retrofit Control Technology, if needed, remove exemptions for RECLAIM facilities, and update monitoring, reporting, and recordkeeping requirements.</p> <p align="center"><i>TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>                                      | AB 617<br>BARCT/<br>AB 617<br>CERP |
| 1121*             | <p><b>Control of Nitrogen Oxides from Residential Type, Natural-Gas-Fired Water Heaters</b><br/>                     Proposed amendments may be needed further reduce NO<sub>x</sub> emissions from water heaters.</p> <p align="center"><i>Michael Krause 909.396.2706; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>   | AQMP                               |
| 1133.3            | <p><b>Emission Reductions from Greenwaste Composting Operations</b><br/>                     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 align="center"><i>TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>  | AQMP                               |
| 1134              | <p><b>Emissions of Oxides of Nitrogen from Stationary Gas Turbines</b><br/>                     Proposed Amended Rule 1134 will revise monitoring, reporting, and recordkeeping provisions to reflect amendments to Proposed Amended Rules 218 and 218.1 and possibly other amendments to address comments from U.S. EPA and to streamline implementation.</p> <p align="center"><i>Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p> | AQMP/<br>AB 617<br>BARCT           |
| 1135              | <p><b>Emissions of Oxides of Nitrogen from Electricity Generating Facilities</b><br/>                     Proposed Amended Rule 1135 will revise monitoring, reporting, and recordkeeping provisions to reflect amendments to Proposed Amended Rules 218 and 218.1 and possibly other amendments to address comments from U.S. EPA.</p> <p align="center"><i>Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>                        | AQMP/<br>AB 617<br>BARCT           |
| 1138              | <p><b>Control of Emissions from Restaurant Operations</b><br/>                     Proposed Amended Rule 1138 will further reduce emissions from char boilers.</p> <p align="center"><i>Tracy Goss 909.396.3106; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>   | AQMP                               |

\* Potentially significant hearing

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

## 2020 To-Be-Determined (Continued)

| 2020   | Title and Description   | Type of Rulemaking       |
|--|---|--------------------------|
| 1142   | <p><b>Marine Tank Vessel Operations</b><br/> Proposed Amended Rule 1142 will address VOC and hydrogen sulfide emissions from marine tank vessel operations and provide clarifications.<br/> <i>TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>  | Other                    |
| 1146 <sup>#</sup>                            | <p><b>Emissions of Oxides of Nitrogen from Industrial, Institutional, and Commercial Boilers, Steam Generators, and Process Heaters</b><br/> Proposed amendments to Rule 1146 may be needed to clarify provisions for industry-specific categories and to incorporate comments from U.S. EPA.<br/> <i>Michael Krause 909.396.2706; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>   | Other                    |
| 1146.1 <sup>#</sup>                          | <p><b>Emissions of Oxides of Nitrogen from Small Industrial, Institutional, and Commercial Boilers, Steam Generators, and Process Heaters</b><br/> Proposed amendments to Rule 1146.1 may be needed to clarify provisions for industry-specific categories and to incorporate comments from U.S. EPA.<br/> <i>Michael Krause 909.396.2706; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>   | Other                    |
| 1146.2 <sup>#</sup>                          | <p><b>Emissions of Oxides of Nitrogen from Large Water Heaters and Small Boilers and Process Heaters</b><br/> Proposed Amended Rule 1146.2 will be revised to lower the NO<sub>x</sub> emission limit to reflect Best Available Retrofit Control Technology.<br/> <i>Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>  | AQMP/<br>AB 617<br>BARCT |
| 1147 <sup>*+#</sup><br>1147.1 <sup>*+#</sup> | <p><b>NO<sub>x</sub> Reductions from Miscellaneous Sources</b><br/> <b>NO<sub>x</sub> Reductions for Equipment at Aggregate Facilities</b><br/> Proposed Rule 1147.1 will establish NO<sub>x</sub> emission limits to reflect Best Available Retrofit Control Technology for NO<sub>x</sub> equipment at aggregate facilities and will apply to RECLAIM and non-RECLAIM facilities.<br/> Proposed Amended Rule 1147 will remove equipment that will be regulated under Proposed Rule 1147.1.<br/> <i>Michael Krause 909.396.2706; CEQA: Jillian Wong 909.396.3176 and Socio: Ian MacMillan 909.396.3244</i></p> | AQMP/<br>AB 617<br>BARCT |

\* Potentially significant hearing

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

**2020 To-Be-Determined (Continued)**

| 2020                                       | Title and Description  | Type of Rulemaking                |
|--|--|-----------------------------------|
| <p>1147*+<br/>1147.2*+<br/><br/>1100*#</p> | <p><b>NOx Reductions from Miscellaneous Sources</b><br/> <b>NOx Reductions from Metal Melting and Heating Furnaces</b><br/> Proposed Rule 1147.2 will establish NOx emission limits to reflect Best Available Retrofit Control Technology for metal melting and heating furnaces and will apply to RECLAIM and non-RECLAIM facilities. Proposed Amended Rule 1147 will remove equipment that will be regulated under Proposed Rule 1147.2.</p> <p><b>Implementation Schedule for NOx Facilities</b><br/> Proposed Amended Rule 1100 will establish the implementation schedule for Rule 1147 and 1147.2 equipment at NOx RECLAIM facilities that are transitioning to command-and-control.<br/> <i>Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p> | <p>AQMP/<br/>AB 617<br/>BARCT</p> |
| <p>1148.1*</p>                             | <p><b>Oil and Gas Production Wells</b><br/> Proposed Amended Rule 1148.1 will evaluate exemptions under Rule 463 to harmonize implementation for low producers. Other proposed amendments 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.<br/> <i>TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>  | <p>Other/<br/>AB 617<br/>CERP</p> |
| <p>1148.2</p>                              | <p><b>Notification and Reporting Requirements for Oil and Gas Wells and Chemical Suppliers</b><br/> Proposed amendments to Rule 1148.2 may be needed to improve notifications of well working activities to the community.<br/> <i>TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>   | <p>Other/<br/>AB 617<br/>CERP</p> |
| <p>1150.3*+</p>                            | <p><b>NOx Emission Reductions from Combustion Equipment at Landfills</b><br/> Proposed Rule 1150.3 will establish NOx emission limits for combustion equipment burning biofuels to reflect Best Available Retrofit Control Technology and include monitoring, reporting, and recordkeeping requirements at landfills.<br/> <i>Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>  | <p>AQMP/<br/>AB 617<br/>BARCT</p> |

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

## 2020 To-Be-Determined (Continued)

| 2020 | Title and Description  | Type of Rulemaking       |
|------|--|--------------------------|
| 1166 | <p><b>Volatile Organic Compound Emissions from Decontamination of Soil</b></p> <p>Proposed Amended Rule 1166 will update requirements, specifically concerning notifications and usage of mitigation plans (site specific versus various locations).</p> <p style="text-align: center;"><i>Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>   | Other                    |
| 1173 | <p><b>Control of Volatile Organic Compound Leaks and Releases from Components at Petroleum Facilities and Chemical Plants</b></p> <p>Proposed revisions to Rule 1173 are being considered based on recent U.S. EPA regulations and CARB oil and gas regulations and revisions to improve the effectiveness, enforceability, and clarity of the rule. Other proposed amendments 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 style="text-align: center;"><i>TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p> | Other/<br>AB 617<br>CERP |
| 1176 | <p><b>VOC Emissions from Wastewater Systems</b></p> <p>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 style="text-align: center;"><i>TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>   | Other/<br>AB 617<br>CERP |
| 1178 | <p><b>Further Reductions of VOC Emissions from Storage Tanks at Petroleum Facilities</b></p> <p>Proposed Amended Rule 1178 will incorporate the use of more advanced detection methods for earlier leak detection 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.</p> <p style="text-align: center;"><i>TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>   | AB 617<br>CERP           |

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

## 2020 To-Be-Determined (Continued)

| 2020           | Title and Description   | Type of Rulemaking |
|----------------|---|--------------------|
| 1180           | <p><b>Refinery Fenceline and Community Air Monitoring</b><br/>Revisions to Rule 1180 could be considered to clarify applicability including modification or removal of the threshold exemption for petroleum refineries from the requirements of the rule.</p> <p style="text-align: center;"><i>Michael Krause 909.396.2706; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>  | Other              |
| 1403*          | <p><b>Asbestos Emissions from Demolition/Renovation Activities</b><br/>Proposed Amended Rule 1403 will enhance implementation, improve rule enforceability, 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 style="text-align: center;"><i>TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>   | Toxics             |
| 1415<br>1415.1 | <p><b>Reduction of Refrigerant Emissions from Stationary Air Conditioning Systems, and Reduction of Refrigerant Emissions from Stationary Refrigeration Systems</b><br/>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 style="text-align: center;"><i>David De Boer 909.396.2329; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p> | Other              |
| 1420           | <p><b>Emissions Standard for Lead</b><br/>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.</p> <p style="text-align: center;"><i>Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>  | Toxics             |
| 1420.2         | <p><b>Emission Standards for Lead from Metal Melting Facilities</b><br/>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.</p> <p style="text-align: center;"><i>Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>  | Toxics             |

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

**2020 To-Be-Determined (Continued)**

| 2020    | Title and Description  | Type of Rulemaking        |
|---------|--|---------------------------|
| 1426*   | <p><b>Reduction of Toxic Air Contaminants from Metal Finishing Operations</b><br/>                     Proposed amendments to Rule 1426 will establish requirements to reduce nickel, cadmium, hexavalent chromium, and other air toxics from plating and related operations. Proposed Amended Rule 1426 will establish requirements to control point source and fugitive toxic air contaminant emissions.<br/> <i>Jillian Wong 909.396.3176; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p> | Toxics/<br>AB 617<br>CERP |
| 1435*   | <p><b>Control of Emissions from Metal Heat Treating Processes</b><br/>                     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.<br/> <i>Jillian Wong 909.396.3176; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>                                     | Toxics/<br>AB 617<br>CERP |
| 1445    | <p><b>Control of Toxic Emissions from Laser Arc Cutting</b><br/>                     Proposed Rule 1445 will establish requirements to reduce toxic metal particulate emissions from laser arc cutting.<br/> <i>TBD; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>  | Toxics                    |
| 1450*   | <p><b>Control of Methylene Chloride Emissions</b><br/>                     Proposed Rule 1450 will reduce methylene chloride emissions from furniture stripping and establish monitoring, reporting, and recordkeeping requirements.<br/> <i>Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; and Socio: Ian MacMillan 909.396.3244</i></p>   | Toxics                    |
| 1469*   | <p><b>Hexavalent Chromium Emissions from Chromium Electroplating and Chromic Acid Anodizing Operations</b><br/>                     Proposed amendments to Rule 1469 may be needed to address use of chemical fume suppressants or other implementation issues.<br/> <i>Jillian Wong 909.396.3176; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>  | Toxics                    |
| 1469.1* | <p><b>Spraying Operations Using Coatings Containing Chromium</b><br/>                     Proposed Amended Rule 1469.1 will establish additional requirements to address hexavalent chromium emissions from spraying operations using chromium primers or coatings.<br/> <i>Jillian Wong 909.396.3176; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>  | Toxics/<br>AB 617<br>CERP |

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



## 2020 To-Be-Determined (Continued)

| 2020               | Title and Description   | Type of Rulemaking  |
|--------------------|---|---------------------|
| 1470               | <p><b>Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines</b></p> <p>Proposed Amended Rule 1470 will establish additional provisions to reduce the exposure to diesel particulate from new and existing small (<math>\leq 50</math> brake horsepower) diesel engines located near sensitive receptors. Proposed amendments may be needed to address use of engines during Public Safety Power Shutoffs.</p> <p style="text-align: right;"><i>Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>   | Toxics              |
| 1472               | <p><b>Requirements for Facilities with Multiple Stationary Emergency Standby Diesel-Fueled Internal Combustion Engines</b></p> <p>Proposed Amended Rule 1472 will remove provisions that are no longer applicable, update and streamline provisions, and assess the need for a Compliance Plans.</p> <p style="text-align: right;"><i>Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>   | Toxics              |
| 1480               | <p><b>Toxics Monitoring</b></p> <p>Proposed amendments to Rule 1480 may be needed to remove fee provisions if they are incorporated in Regulation III.</p> <p style="text-align: right;"><i>Jillian Wong 909.396.3176; CEQA: Jillian Wong 909.396.3176 and Socio: Ian MacMillan 909.396.3244</i></p>  | Toxics/ AB 617 CERP |
| 2305 <sup>*+</sup> | <p><b>Warehouse Indirect Source Rule – Warehouse Actions and Investments to Reduce Emissions (WAIRE) Program</b></p> <p>Proposed Rule 2305 will both reduce emissions and facilitate local and regional emission reductions associated with warehouses and the mobile sources attracted to warehouses.</p> <p style="text-align: right;"><i>Ian MacMillan 909.396.3244; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>  | AQMP/ AB 617 CERP   |
| Reg. III           | <p><b>Fees</b></p> <p>Staff recently proposed six minor amendments (including two that would raise fees) to Regulation III and Rule 1480. However, given the recent circumstances stemming from the COVID-19 pandemic, staff is no longer proposing the amendments to Regulation III or Rule 1480 this year. In addition, staff is proposing to credit back this year's automatic 2.8% CPI increase as a budget action so that facilities will not experience any new fee increases for this upcoming fiscal year (FY 2020-2021).</p> <p style="text-align: right;"><i>Ian MacMillan 909.396.3244; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p> | Other               |

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

**2020 To-Be-Determined (Continued)**

| 2020   | Title and Description  | Type of Rulemaking   |
|--|--|--|
| Reg. XIII*#  | <p><b>New Source Review</b><br/>           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.</p> <p><i>Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>   | AQMP   |
| Reg. XX*#  | <p><b>RECLAIM</b><br/>           Proposed Amended Regulation XX will address the transition of RECLAIM facilities to a command and control regulatory structure</p> <p><i>Michael Morris 909.396.3282; CEQA: Jillian Wong 909.396.3176; Socio: Ian MacMillan 909.396.3244</i></p>  | AQMP   |
| Reg. XXIII*+   | <p><b>Facility-Based Mobile Sources</b><br/>           Proposed rules within Regulation XXIII would reduce emissions from indirect sources (e.g., mobile sources that visit facilities). The rule or set of rules that would be brought for Board consideration would reduce emissions from railyards.</p> <p><i>Ian MacMillan 909.396.3244; CEQA: Jillian Wong 909.396.3176 Socio: Ian MacMillan 909.396.3244</i></p>   | AQMP/<br>Toxics/<br>AB 617<br>CERP                               |
| Reg. II, 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/technology-forcing limits, to abate a substantial endangerment to public health or additional reductions to meet SIP short-term measure commitments. 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 ambient monitoring.</p> | Other/<br>AQMP/<br>Toxics/<br>AB 617<br>BARCT/<br>AB 617<br>CERP |

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