

BOARD MEETING DATE: April 6, 2018

AGENDA NO. 14

REPORT: Rule and Control Measure Forecast

SYNOPSIS: This report highlights SCAQMD rulemaking activities and public workshops potentially scheduled for 2018.

COMMITTEE: No Committee Review

RECOMMENDED ACTION:  
Receive and file.

Wayne Nastri  
Executive Officer

PMF:SN:AF:RM

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## 2018 MASTER CALENDAR

The table below 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.

*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.*

1110.2*+ 1100*+	<b>Emissions from Stationary Internal Combustion Engines Implementation Schedule for NOx Facilities</b>
Proposed Amended Rule 1110.2 and Proposed Rule 1100 are being moved from July 2018 to September 2018 due to staff resources that are presently committed to other rulemaking projects.	
1111+	<b>Reduction of NOx Emissions from Natural Gas Fired, Fan-Type Central Furnaces</b>
At the Public Hearing to adopt amendments to Rule 1111 in March 2018, the Board directed staff to develop a labeling provision for units that are paying a mitigation fee. Proposed Amended Rule 1111 is added to June 2018 to include a proposed labeling provision.	

1118.1*+ #	<b>Control of Emissions from Non-Refinery Flares</b>
Proposed Rule 1118.1 is moving from June 2018 to July 2018. Staff needs an additional month to work with stakeholders, and analyze the potential environmental impacts pursuant to CEQA.	
1403	<b>Asbestos Emissions from Demolition/Renovation Activities</b>
Proposed Amended Rule 1403 is moving from June 2018 to December 2018 to allow staff time to work with stakeholders to improve the clarity and overall implementation and efficacy of the rule.	
1146	<b>Emissions of Oxides of Nitrogen from Industrial, Institutional and Commercial Boilers, Steam Generators, and Process Heaters</b>
1146.1	<b>Emissions of Oxides of Nitrogen from Small Industrial, Institutional and Commercial Boilers, Steam Generators, and Process Heaters</b>
1146.2*+ #	<b>Emissions of Oxides of Nitrogen from Large Water Heaters and Small Boilers and Process Heaters</b>
1100*+ #	<b>Implementation Schedule for NOx Facilities</b>
Proposed Amended Rules 1146, 1146.1, and 1146.2 and Proposed Rule 1100 are being moved from May 2018 to June 2018 to allow adequate time for preparation of the CEQA document and to respond to comments.	
1469*	<b>Hexavalent Chromium Emissions from Chromium Electroplating and Chromic Acid Anodizing Operations</b>
Per the request of the Stationary Source Committee, Proposed Amended Rule 1469 is tentatively moving to June 2018 from April 2018 to allow additional time to address issues raised by stakeholders.	

## 2018 MASTER CALENDAR

May	Title and Description	Type of Rulemaking
408*	<p><b>Circumvention</b></p> <p>Proposed Amended Rule 408 would retain the exemption for cases in which the only violation is a nuisance, but limit it to odor nuisances. The proposed amendment would also prohibit temporary alterations to normal business operations or equipment to suppress emissions for the purpose of evading detection or concealing emissions during monitoring or testing.</p> <p><i>Michael Krause 909.396.2706 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
Reg. III	<p><b>Fees</b></p> <p>Proposed amendments to Regulation III will incorporate the CPI adjustment to keep pace with inflation, pursuant to Rule 320, and proposed amendments may also make other needed adjustments.</p> <p><i>Jillian Wong 909.396.3176 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
June		
1111 <sup>+</sup>	<p><b>Reduction of NOx Emissions from Natural Gas Fired, Fan-Type Central Furnaces</b></p> <p>At the Public Hearing to adopt amendments to Rule 1111 on March 2, 2018 the Board directed staff to return with additional labeling requirements for units that are subject to a mitigation fee. Proposed Amended Rule 1111 will add labeling requirements for any furnace that is utilizing the mitigation fee alternate compliance option.</p> <p><i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
1146	<p><b>Emissions of Oxides of Nitrogen from Industrial, Institutional and Commercial Boilers, Steam Generators, and Process Heaters</b></p> <p><b>Emissions of Oxides of Nitrogen from Small Industrial, Institutional and Commercial Boilers, Steam Generators, and Process Heaters</b></p> <p><b>Emissions of Oxides of Nitrogen from Large Water Heaters and Small Boilers and Process Heaters</b></p> <p>Amendments to Rules 1146, 1146.1, and 1146.2 will incorporate requirements for facilities that are in RECLAIM that are required to meet BARCT emission control levels.</p> <p><b>Implementation Schedule for NOx Facilities</b></p> <p>Rule 1100 will establish the implementation schedule for specific NOx RECLAIM facilities that are transitioning to command-and-control.</p> <p><i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
1146.1		
1146.2* <sup>++</sup>		
1100* <sup>++</sup>		

## 2018 MASTER CALENDAR (continued)

June (continued)	Title and Description	Type of Rulemaking
1469*	<p><b>Hexavalent Chromium Emissions from Chromium Electroplating and Chromic Acid Anodizing Operations</b>  Proposed Amended Rule 1469 will further reduce hexavalent chromium emissions by establishing new requirements for certain hexavalent chromium tanks that are currently not regulated, further address potential fugitive emissions from hexavalent chromium electroplating and chromic acid anodizing operations, and add a process to re-certify chemical fume suppressants.</p> <p><i>Jillian Wong 909.396.3176 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Toxics
<b>July</b>		
1118.1*+ #	<p><b>Control of Emissions from Non-Refinery Flares</b>  Proposed Rule 1118.1 will seek to reduce emissions from flaring at non-refinery facilities, including alternate uses of gases. The proposed rule will require use of flares that a specific emission standard at sources such as landfills, wastewater treatment plants, and oil and gas production facilities.</p> <p><i>Michael Krause 909.396.2706 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
1410*	<p><b>Hydrogen Fluoride Use at Refineries</b>  Proposed Rule 1410 will establish requirements for use of hydrogen fluoride at refineries.</p> <p><i>Michael Krause 909.396.2706 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Toxics
Reg. XIII* #	<p><b>New Source Review</b>  Amendments to Regulation XIII are needed to address New Source Review provisions for facilities that exit RECLAIM.</p> <p><i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
<b>September</b>		
1110.2*+ #  1100*+ #	<p><b>Emissions from Stationary Internal Combustion Engines</b>  Rule 1110.2 will be amended to incorporate provisions for facilities that are transitioning from NOx RECLAIM to command-and-control.</p> <p><b>Implementation Schedule for NOx Facilities</b>  Rule 1100 will establish the implementation schedule for specific NOx RECLAIM facilities that are transitioning to command-and-control.</p> <p><i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP

## 2018 MASTER CALENDAR (continued)

September (continued)	Title and Description	Type of Rulemaking
1407* 1407.1*	<b>Control of Emissions of Arsenic, Cadmium and Nickel from Non-Ferrous Metal Operations</b> Proposed Rule 1407 will establish additional requirements to minimize air toxics from metal operations. Staff is analyzing sources subject to Rule 1407 and may develop a separate Rule 1407.1 for the largest sources subject to Rule 1407 and expand the applicability to address ferrous metal operations and hexavalent chromium emissions. <i>David De Boer 909.396.2329 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Toxics
1480*	<b>Toxics Monitoring</b> Proposed Rule 1480 will establish provisions for when ambient monitoring is required and the toxic air contaminants that will be monitored. <i>Jillian Wong 909.396.3176 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Toxics
2001*+ 2002*#	<b>RECLAIM – Applicability</b> <b>RECLAIM - Allocations for Oxides of Nitrogen (NOx) and Oxides of Sulfur (SOx)</b> Proposed Amended Rules 2001 and 2002 will incorporate provisions for facilities that elect to opt-out of RECLAIM and include provisions for facilities that exit RECLAIM through use of a compliance plan. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	AQMP
<b>October</b>		
Reg. IX Reg. X	<b>Standards of Performance for New Stationary Sources (NSPS)</b> <b>National Emission Standards for Hazardous Air Pollutants (NESHAPS)</b> Amendments to Regulations IX and X are periodically made to incorporate by reference new or amended federal standards that have been enacted by U.S. EPA for stationary sources. Regulations IX and X provide stationary sources with a single point of reference for determining which federal and local requirements apply to their specific operations. <i>Carol Gomez 909.396.3264 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Other
1134*+  1100*+ #	<b>Emissions of Oxides of Nitrogen from Stationary Gas Turbines</b> Proposed Amended Rule 1134 will update the emission standard to incorporate Best Available Retrofit Control Technology and incorporate provisions for facilities that are transitioning from NOx RECLAIM to command-and-control.  <b>Implementation Schedule for NOx Facilities</b> Rule 1100 will establish the implementation schedule for specific NOx RECLAIM facilities that are transitioning to command-and-control. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	AQMP

## 2018 MASTER CALENDAR (continued)

October (continued)	Title and Description	Type of Rulemaking
Reg. XVI	<b>Mobile Source Offset Programs</b> Amendments to various Regulation XVI rules will be proposed to provide greater opportunity to reduce mobile source emissions and to obtain credit in the State Implementation Plan for these reductions where possible, including addressing the recent U.S. EPA proposed disapproval of Rule 1610. <i>Ian MacMillan 909.396.3244 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Other
<b>November</b>		
1135*+ <sup>#</sup>	<b>Emissions of Oxides of Nitrogen from Electric Power Generating Facilities</b> Proposed Amended Rule 1135 will incorporate requirements for electric power generating facilities that are to transition from NOx RECLAIM to command-and-control. <i>David De Boer 909.396.2329 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	AQMP
1100*+ <sup>#</sup>	<b>Implementation Schedule for NOx Facilities</b> Rule 1100 will establish the implementation schedule for specific NOx RECLAIM facilities that are transitioning to command-and-control. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	
1435*	<b>Control of Emissions from Metal Heat Treating Processes</b> Proposed Rule 1435 would establish requirements to reduce hexavalent chromium emissions from heat treating processes. <i>Jillian Wong 909.396.3176 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Toxics
<b>December</b>		
1109.1*+ <sup>#</sup>	<b>Refinery Equipment</b> Proposed Rule 1109.1 will establish requirements for refineries that are transitioning from RECLAIM to command-and-control. <i>Michael Krause 909.396.2706 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	AQMP
1403	<b>Asbestos Emissions from Demolition/Renovation Activities</b> Amendments to Rule 1403 will include specific requirements when conducting asbestos-emitting demolition/renovation activities at schools, daycare centers, and possibly establishments that have sensitive populations. Amendments may include other provisions to improve the implementation of the rule. <i>David De Boer 909.396.2329 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Toxics
2202	<b>On-Road Motor Vehicle Mitigation Options</b> Proposed amendments to Rule 2202 would enhance emission reductions obtained from the Employee Commute Reduction Program (ECRP) rule option. <i>Carol Gomez 909.396.3264 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Other

**2018 MASTER CALENDAR  
2018 To-Be-Determined**

<b>To-Be-Determined</b>	<b>Title and Description</b>	<b>Type of Rulemaking</b>
102	<b>Definition of Terms</b> Staff may propose amendments to Rule 102 to add or revise definitions in order to support amendments to other Regulation XI rules. <i>David De Boer 909.396.2329 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Other
120	<b>Credible Evidence Rule</b> Proposed Rule 120 will allow any credible evidence to be used for the purpose of establishing that a person has violated or is in violation of any plan, order, permit, rule, regulation, or law. <i>Michael Krause 909.396.2706 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Other
113*#	<b>Monitoring, Reporting, and Recordkeeping (MRR) Requirements for NOx and SOx Sources</b> Proposed Rule 113 will establish MRR requirements for facilities exiting RECLAIM and transitioning to a command-and-control regulatory structure. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Other
218	<b>Continuous Emission Monitoring</b> Amendments to Rule 218 may be needed for facilities exiting RECLAIM and transitioning to a command-and-control regulatory structure. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Other
218.1	<b>Continuous Emission Monitoring Performance Specifications</b> Amendments to Rule 218.1 may be needed for facilities exiting RECLAIM and transitioning to a command-and-control regulatory structure. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Other
223 <sup>+</sup>	<b>Emission Reduction Permits for Large Confined Animal Facilities</b> Proposed Amended Rule 223 will seek additional emission reductions from large confined animal facilities by lowering the applicability threshold. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	AQMP
224 <sup>+</sup>	<b>Incentives for Super-Compliant Technologies</b> Proposed Rule 224 will outline strategies and requirements to incentivize the development, establishment and use of super-compliant technologies. It may be considered as a part of Rule 219 amendments or proposed as a separate incentive rule. <i>Zorik Pirveysian 909.396.3421 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Other



**2018 MASTER CALENDAR**  
**2018 To-Be-Determined (continued)**

<b>To-Be-Determined</b>	<b>Title and Description</b>	<b>Type of Rulemaking</b>
416*	<p><b>Odors from Kitchen Grease Processing</b></p> <p>Proposed Rule 416 will reduce ambient odors created during kitchen grease processing operations. The proposed rule will establish best management practices, and examine enclosure requirements for wastewater treatment operations and filter cake storage. The proposed rule may also contain requirements for an Odor Mitigation Plan.</p> <p><i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
429*+ <sup>#</sup>	<p><b>Start-Up and Shutdown Exemption Provisions for Oxides of Nitrogen</b></p> <p>It may be necessary to amend Rule 429 to address start-up/shutdown provisions related to the transition of NO<sub>x</sub> RECLAIM to a command-and-control regulatory program and if U.S. EPA requires updates to such provisions.</p> <p><i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
430*	<p><b>Breakdown Provisions</b></p> <p>This rule will be amended or replaced to address specific issues raised by U.S. EPA regarding start-ups or shutdowns associated with breakdowns.</p> <p><i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
1106 1106.1* <sup>+</sup>	<p><b>Marine Coating Operations</b></p> <p><b>Pleasure Craft Coating Operations</b></p> <p>Rule 1106.1 is proposed to be rescinded; Rule 1106 would subsume the requirements of Rule 1106.1, revise VOC content limits for several categories in order to align limits with U.S. EPA Control Techniques Guidelines and other California air districts, and add new categories for several categories.</p> <p><i>Michael Krause 909.396.2706 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
1107 <sup>+</sup>	<p><b>Coating of Metal Parts and Products</b></p> <p>Potential amendments to Rule 1107 would further reduce VOC emissions and improve rule clarity and enforceability.</p> <p><i>Michael Krause 909.396.2706 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP
1109*+ <sup>#</sup>	<p><b>Emissions of Oxides of Nitrogen from Boilers and Process Heaters in Petroleum Refineries</b></p> <p>Amendments to Rule 1109 may be needed to establish BARCT emission limits for refineries that are exiting RECLAIM and subject to command-and-control rules.</p> <p><i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	AQMP



**2018 MASTER CALENDAR**  
**2018 To-Be-Determined (continued)**

<b>To-Be-Determined</b>	<b>Title and Description</b>	<b>Type of Rulemaking</b>
1111.1 <sup>+</sup>	<b>Reduction of NOx Emissions from Natural Gas Fired Commercial Furnaces</b> Proposed Rule 1111.1 will establish equipment-specific NOx emission limits and other requirements for the operation of commercial space heaters. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Other
1113 <sup>+</sup>	<b>Architectural Coatings</b> Pursuant to guidance from the Stationary Source Committee, staff will amend to remove the tBAC exemption and is evaluating the impact from removing pCBtF as a VOC exempt compound. <i>Michael Krause 909.396.2706 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Other
1117* <sup>##</sup>	<b>Glass Melting Furnaces</b> Proposed amendments will control NOx emissions from glass melting furnaces. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	AQMP
1123* <sup>+</sup>	<b>Refinery Process Turnarounds</b> Proposed amendments will establish procedures that better quantify emission impacts from start-up, shutdown or turnaround activities. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	AQMP
1136* <sup>+</sup>	<b>Wood Products Coatings</b> Amendments may be proposed to existing rule limits and other provisions. <i>David De Boer 909.396.2329 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	AQMP
1450* <sup>+</sup>	<b>Control of Methylene Chloride Emissions</b> The proposed rule would reduce exposure to methylene chloride from furniture stripping, remove potential regulatory loopholes, achieve emission reductions where possible and cost effective, include reporting requirements, and improve consistency with other SCAQMD VOC rules. <i>David De Boer 909.396.2329 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Toxics
1142*	<b>Marine Tank Vessel Operations</b> Proposed revisions to Rule 1142 would address VOC emissions from marine tank vessel operations and provide clarifications. <i>David De Boer 909.396.2329 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Other
1147.1* <sup>##</sup>	<b>Large Miscellaneous Combustion</b> Rule 1147.1 will include large miscellaneous combustion sources currently at RECLAIM facilities. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Other

**2018 MASTER CALENDAR**  
**2018 To-Be-Determined (continued)**

<b>To-Be-Determined</b>	<b>Title and Description</b>	<b>Type of Rulemaking</b>
1147.2*+ <sup>#</sup>	<b>Metal Melting and Heat Treating Furnaces</b> Proposed Rule 1147.2 will reduce NOx emissions from metal melting and heat treating furnaces. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	AQMP
1147.3*+ <sup>#</sup>	<b>Emission Reductions for Equipment at Aggregate Facilities</b> Proposed Rule 1147.3 will reduce NOx emissions from aggregate operations. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	AQMP
1148.1 1148.2	<b>Oil and Gas Production Wells</b> <b>Notification and Reporting Requirements for Oil and Gas Wells and Chemical Suppliers</b> Amendments to Rule 1148.2 may be needed to address community notification procedures, the inclusion of water injection wells, and potentially other measures based on an evaluation of information collected since the last rule adoption. <i>Jillian Wong 909.396.3176 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Other
1148.3*	<b>Requirements for Natural Gas Underground Storage Facilities</b> Proposed Rule 1148.3 will establish requirements to address public nuisance and VOC emissions from underground natural gas storage facilities. <i>Jillian Wong 909.396.3176 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Other
1150.1	<b>Control of Gaseous Emissions from Municipal Solid Waste Landfills</b> Proposed amendments will address U.S. EPA revisions to the New Source Performance Standards for Municipal Solid Waste Landfills and Existing Guidelines and Compliance Timelines for Municipal Solid Waste Landfills, as well as CARB GHG requirements. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Other
1151*+ <sup>+</sup>	<b>Motor Vehicle and Mobile Equipment Non-Assembly Line Coating Operations</b> Pursuant to guidance from the Stationary Source Committee, staff will amend to remove the tBAc exemption and is evaluating the impact from removing pCBtF as a VOC exempt compound. <i>Michael Krause 909.396.2706 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Other
1153.1*+ <sup>+</sup>	<b>Emissions of Oxides of Nitrogen from Commercial Food Ovens</b> Rule 1153.1 was adopted in November 2014 and established NOx emission limits for various types of existing commercial food ovens on a specified compliance schedule. Amendments may be necessary to address applicability and technological feasibility of low-NOx burner technologies for new commercial food ovens. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Other

**2018 MASTER CALENDAR**  
**2018 To-Be-Determined (continued)**

<b>To-Be-Determined</b>	<b>Title and Description</b>	<b>Type of Rulemaking</b>
1159.1*+ <sup>#</sup>	<b>Nitric Acid Units - Oxides of Nitrogen</b> Proposed Rule 1159.1 will address NO <sub>x</sub> emissions from processes using nitric acid and is needed as part of the transition of RECLAIM to command-and-control. <i>David De Boer 909.396.2329 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	AQMP
1173 <sup>+</sup>	<b>Control of Volatile Organic Compound Leaks and Releases from Components at Petroleum Facilities and Chemical Plants</b> Proposed revisions to Rule 1173 are being considered based on recent U.S. EPA regulations and CARB oil and gas regulations. <i>Michael Krause 909.396.2706 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Other
1177 <sup>+</sup>	<b>Liquefied Petroleum Gas Transfer and Dispensing</b> Potential amendments may be proposed to include additional sources of emissions from the dispensing and transfer of LPG. <i>Michael Krause 909.396.2706 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	AQMP
1188 <sup>+</sup>	<b>VOC Reductions from Vacuum Trucks</b> The proposed rule will establish VOC emission standards and other requirements associated with the operation of vacuum trucks not covered by Rule 1149 – Storage Tank and Pipeline Cleaning and Degassing. <i>David De Boer 909.396.2329 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	AQMP
1190, 1191, 1192, 1193, 1194, 1195, 1196, & 1186.1*+ <sup>+</sup>	<b>Fleet Vehicle Requirements</b> Amendments to fleet rules may be necessary to improve rule implementation. In addition, the current fleet rules may be expanded to achieve additional air quality and air toxic emission reductions. <i>Zorik Pirveysian 909.396.2431 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Other
1304.2*	<b>California Public Utilities Commission Regulated Electrical Local Publicly Owned Electrical Utility Fee for Use of SO<sub>x</sub>, PM<sub>10</sub> and NO<sub>x</sub> Offsets</b>	Other
1304.3*	<b>Local Publicly Owned Electrical Generating Facility Fee for Use of SO<sub>x</sub>, PM<sub>10</sub> and NO<sub>x</sub> Offsets</b> Proposed Rules 1304.2 and 1304.3 would allow new greenfield facilities and additions to existing electricity generating facilities (EGFs) conditional access to SCAQMD internal offset accounts for a fee, for subsequent funding of qualifying improvement projects consistent with the AQMP. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Other

**2018 MASTER CALENDAR**  
**2018 To-Be-Determined (continued)**

<b>To-Be-Determined</b>	<b>Title and Description</b>	<b>Type of Rulemaking</b>
1415 1415.1	<p><b>Reduction of Refrigerant Emissions from Stationary Air Conditioning Systems, and Reduction of Refrigerant Emissions from Stationary Refrigeration Systems</b></p> <p>Amendments will align with proposed CARB Refrigerant Management Program and U.S. EPA's Significant New Alternatives Policy Rule provisions relative to prohibitions on specific hydrofluorocarbons (HFCs).</p> <p><i>David De Boer 909.396.2329 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
1426*	<p><b>Emissions from Metal Finishing Operations</b></p> <p>Proposed amendments to Rule 1426 will establish requirements to reduce nickel, cadmium and other air toxics from plating operations.</p> <p><i>Jillian Wong 909.396.3176 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Toxics
1430	<p><b>Control of Emissions from Metal Grinding Operations at Metal Forging Facilities</b></p> <p>Proposed amendments to Rule 1430 may be needed related to reducing emissions from metal forging operations.</p> <p><i>Jillian Wong 909.396.3176 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Toxics
1445*	<p><b>Control of Toxic Emissions from Laser Arc Cutting</b></p> <p>Proposed Rule 1445 will establish requirements to reduce toxic metal particulate emissions from laser arc cutting.</p> <p><i>David De Boer 909.396.2329 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Toxics
1469.1*	<p><b>Spraying Operations Using Coatings Containing Chromium</b></p> <p>Proposed Amended Rule 1469.1 would establish additional requirements for facilities that are conducting spraying using chromium coatings to further reduce hexavalent chromium emissions.</p> <p><i>Jillian Wong 909.396.31 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other
1470*	<p><b>Requirement for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines at Sensitive Receptors</b></p> <p>The proposal would address new and existing small (<math>\leq 50</math> brake horsepower) diesel engines located near sensitive receptors. Staff is also considering amendments to minimize use of stationary diesel back-up engines that may include use of alternative power sources that are less polluting.</p> <p><i>David De Boer 909.396.2329 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Toxics
1902	<p><b>Transportation Conformity</b></p> <p>Amendments to Rule 1902 may be necessary to align the rule with current U.S. EPA requirements.</p> <p><i>Ian MacMillan 909.396.3244 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i></p>	Other

**2018 MASTER CALENDAR**  
**2018 To-Be-Determined (continued)**

<b>To-Be-Determined</b>	<b>Title and Description</b>	<b>Type of Rulemaking</b>
1905	<b>Pollution Controls for Automotive Tunnel Vents</b> This proposed rule would address emissions from proposed roadway tunnel projects that could have air quality impacts. <i>Ian MacMillan 909.396.3244 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Other
Reg. XVII	<b>Prevention of Significant Deterioration (PSD)</b> Proposed amendments to Regulation XVII will align the SCAQMD's Prevention of Significant Deterioration program with federal requirements. <i>David De Boer 909.396.2329 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Other
Reg. XX*+§	<b>RECLAIM</b> Amendments to rules within Regulation XX will be needed as facilities transition from RECLAIM to a command-and-control regulatory structure. <i>Tracy Goss 909.396.3106 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	AQMP
Reg. XXIII	<b>Facility Based Mobile Sources</b> Regulation XXIII would contain rules related to reducing emissions from mobile sources that visit certain types of facilities. Facility types could include commercial airports, marine ports, rail yards, warehouses, and new and development projects. Regulation XXIII may include other sources as identified in the 2016 AQMP. <i>Ian MacMillan 909.396.3244 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	AQMP
Reg. XXV	<b>Intercredit Trading</b> Regulation XXV will contain rules to allow generation of criteria pollutant Mobile Source Emission Reduction Credits (MSERCs) from various on-road and off-road sources, such as on-road heavy-duty trucks, off-road equipment, locomotives, and marine vessels. Credits will be generated by retrofitting existing engines or replacing the engines with new lower- emitting or zero-emission engines. The 2016 AQMP includes two measures that seek to accelerate early deployment of near-zero and zero emission on-road heavy-duty trucks and off-road equipment, through generation of MSERCs that could be used for purposes of recognizing mobile source emission reductions at facilities covered in the AQMP Facility-Based Measures. <i>Zorik Pirveysian 909.396.2431 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	AQMP
Reg. XXVII	<b>Climate Change</b> Changes may be needed to Regulation XXVII to add or update protocols for GHG reductions, and other changes. <i>Zorik Pirveysian 909.396.2431 CEQA: Michael Krause 909.396.2706 and Socio: Jillian Wong 909.396.3176</i>	Other

**2018 MASTER CALENDAR**  
**2018 To-Be-Determined (continued)**

<b>To-Be-Determined</b>	<b>Title and Description</b>	<b>Type of Rulemaking</b>
Reg. II, IV, XI, XIV, XXX and XXXV, XXIV*+##	<p>Various rule amendments may be needed to meet the requirements of state and federal laws, implement OEHHA's 2015 revised risk assessment guidance, address variance issues/ technology-forcing limits, to abate a substantial endangerment to public health or welfare, address odor nuisance issues, air toxics, or to seek additional reductions to meet the SIP short-term measure commitment. The associated rule development or amendments include, but are not limited to, SCAQMD existing rules, and new or amended rules to implement the 2012 or 2016 AQMP measures. This includes measures in the 2010 Clean Communities Plan (CCP) or 2016 AQMP to reduce toxic air contaminants or reduce exposure to air toxics from stationary, mobile, and area sources. Rule 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 amendments, proposed new source-specific, or industry-specific rules within Regulation XI may be needed to meet the requirements of AB 617 and the 2016 AQMP commitment to transition the RECLAIM program to a command-and-control regulatory structure. Amendments to Regulation XIV may be needed for implementation of AB 617.</p>	Other/AQMP