

BOARD MEETING DATE: June 5, 2015

AGENDA NO. 15

REPORT: Rule and Control Measure Forecast

SYNOPSIS: This report highlights SCAQMD rulemaking activities and public workshops potentially scheduled for the year 2015 and portions of 2016.

COMMITTEE: No Committee Review

RECOMMENDED ACTION:  
Receive and file.

Barry R. Wallerstein, D.Env.  
Executive Officer

PF:JW:cg

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219	Equipment Not Requiring a Written Permit Pursuant to Regulation II
Rule 219 is moved from September to November to allow additional time to complete analysis and develop a formal proposal.	
415	Odors from Animal Rendering
Proposed Rule 415 is moved from July to September to allow staff to continue working with stakeholders on key issues.	
416	Odors from Kitchen Grease Processing
Proposed Rule 416 is moved to from September to December to allow additional time to work with stakeholders on key issues to develop a proposal.	
1106	Marine Coating Operations
1106.1	Pleasure Craft Coating Operations
Rules 1106 and 1106.1 are moved from September to October to allow additional time for analysis and to work with stakeholders.	

1118	Control of Emissions from Refinery Flares
Rule 1118 is moved from to-be-determined to December, which will allow time for analysis and working with stakeholders on a proposal.	
1123	Refinery Process Turnarounds (MCS-03)
Rule 1123 is moved from July to December to allow additional time to complete analysis and work with stakeholders.	
1136	Wood Products Coatings (CTS-02)
Rule 1136 is moved from December to February 2016 to allow staff additional time for review and propose needed revisions to outdated provisions and requirements.	
1148.1	Oil and Gas Production Wells
Rule 1148.1 is moved from June to July to allow additional time to incorporate stakeholder feedback.	
1148.2	Notification and Reporting Requirements for Oil and Gas Wells and Chemical Suppliers
Rule 1148.2 is moved from June to July to allow additional time to incorporate stakeholder feedback.	
1161	VOC Reductions from Mold Release Agents (CTS-03)
Proposed Rule 1161 is moved from October to January 2016 to allow additional time for analysis and work with stakeholders on a proposal.	
1171	Solvent Cleaning Operations (CTS-02)
Rule 1171 is moved from July to December to allow staff additional time to work with stakeholders.	
1177	Liquefied Petroleum Gas Transfer and Dispensing (FUG-02)
Rule 1177 is moved from November to December to allow additional time for analysis and work with stakeholders on a proposal.	
1188	VOC Reductions from Vacuum Trucks (FUG-01)
Proposed Rule 1188 is moved from October to January 2016 to allow additional time for analysis and work with stakeholders on a proposal.	
1304.2	Greenfield or Existing Electrical Generating Facility Fee for Use of Offsets for Load Serving Entities
Proposed Rule 1304.2 is moved from September to November to continue to work with stakeholders in analyzing any potential adverse impacts.	
1304.3	Greenfield or Existing Electrical Generating Facility Fee for Use of Offsets for Municipalities
Proposed Rule 1304.3 is moved from September to November to continue to work with stakeholders in analyzing any potential adverse impacts.	

1420	Emissions Standard for Lead
Proposed Amended Rule 1420 is moved from November to December to allow staff time to complete the rule development for Proposed Rule 1420.2 and to ensure adequate time to work with stakeholders.	
1420.1	Emission Standards for Lead and Other Toxic Air Contaminants from Large Lead-Acid Battery Recycling Facilities
Proposed Amended Rule 1420.1 is added to the schedule for September Public Hearing. During the adoption of amendments to Rule 1420.1 at the March 6, 2015 Governing Board Meeting, the Governing Board directed staff to return to the Governing Board within six months with a proposal to lower the overall point source lead emission limit to 0.003 lb/hour and other options. Staff is proposing amendments to lower the overall point source lead emission limit and other requirements.	
1420.2	Emissions Standard for Lead from Metal Melting Operations
Proposed Rule 1420.2 is moved from July to September to allow staff additional time to work with stakeholders.	
1430	Control of Toxic Air Contaminants from Metal Forging, Shredding, Grinding and Other Metal Processing Operations
Proposed Rule 1430 is moved from December to March 2016 to allow staff additional time to first develop Proposed Rule 1430.1 which will be a subset of sources covered under Rule 1430. Proposed Rule 1430.1 is scheduled for consideration at the October Governing Board Meeting.	
1430.1	Control of Toxic Air Contaminants from Grinding Operations at Forging Facilities
Proposed Rule 1430.1 is moved from July to October to allow interested stakeholders additional time for review and comments.	
1450	Control of Methylene Chloride Emissions
Proposed Rule 1450 is moved from November to February 2016 to allow staff additional time to develop a rule proposal and work with stakeholders.	
1466	Toxic Air Contaminant Emissions from Decontamination of Soil
Proposed Rule 1466 was previously listed as Rule 1166 where staff was recommending expanding the applicability of Rule 1166 to address decontamination of soils containing toxic metals. Staff is recommending creating a separate Proposed Rule 1466, which would establish requirements to control toxic metal emissions from activities involving storing, handling, and transporting soils with toxic metals.	
Reg. XX	Regional Clean Air Incentives Market (RECLAIM) (CMB-01)
Regulation XX (NOx RECLAIM) is moved from July to October to allow staff additional time to work with interested stakeholders.	

2301 <sup>+</sup>	Control of Emissions from New or Redevelopment Projects (EGM-01)
Proposed Rule 2301 is being moved from November to January 2016 to be considered as part of the early action measures for the 2016 AQMP and to allow for additional staff analysis.	
4001* <sup>1</sup>	Backstop to Ensure AQMP Emission Reduction Targets Are Met at Commercial Marine Ports (IND-01)
Proposed Rule 4001 is moved from September to December to allow staff time to work with the ports of Los Angeles and Long Beach on the potential development of a new Clean Air Action Plan, which may impact staff's current proposal and the process moving forward.	

## 2015 MASTER CALENDAR

Below is a list of all rulemaking activity scheduled for the year 2015. The last four columns refer to the type of rule adoption or amendment. A more detailed description of the proposed rule adoption or amendment is located in the Attachments (A through D) under the type of rule adoption or amendment (i.e. AQMP, Toxics, Other and Climate Change).

*\*An asterisk indicates that the rulemaking is a potentially significant hearing.*

*+This proposed rule will reduce criteria air contaminants and assist toward attainment of ambient air quality standards.*

*<sup>1</sup>Subject to Board approval*

*California Environmental Quality Act shall be referred to as "CEQA."*

*Socioeconomic Analysis shall be referred to as "Socio."*

### 2015

July		AQMP	Toxics	Other	Climate Change
1148.1 <sup>1</sup>	Oil and Gas Production Wells			√	
1148.2 <sup>1</sup>	Notification and Reporting Requirements for Oil and Gas Wells and Chemical Suppliers		√	√	
<b>September</b>					
415* <sup>1</sup>	Odors from Animal Rendering			√	
1156	Further Reductions of Particulate Emissions from Cement Manufacturing Facilities		√		
1420.1 <sup>1</sup>	Emission Standards for Lead and Other Toxic Air Contaminants from Large Lead-Acid Battery Recycling Facilities		√		
1420.2 <sup>1</sup>	Emissions Standard for Lead from Metal Melting Operations		√		
<b>October</b>					
1106 <sup>1</sup>	Marine Coating Operations			√	
1106.1 <sup>1</sup>	Pleasure Craft Coating Operations			√	
1110.2	Emissions from Gaseous and Liquid-Fueled Engines			√	
1430.1 <sup>1</sup>	Control of Toxic Air Contaminants from Grinding Operations at Forging Facilities		√		
Reg. XX* <sup>+1</sup>	Regional Clean Air Incentives Market (RECLAIM) (CMB-01)	√			

**2015 MASTER CALENDAR (continued)**

**2015**

<b>November</b>		<b>AQMP</b>	<b>Toxics</b>	<b>Other</b>	<b>Climate Change</b>
219 <sup>1</sup>	Equipment Not Requiring a Written Permit Pursuant to Regulation II			√	
1113* <sup>+</sup>	Architectural Coatings (CTS-01)	√			
1304.2* <sup>1</sup>	Greenfield or Existing Electrical Generating Facility Fee for Use of Offsets for Load Serving Entities			√	
1304.3* <sup>1</sup>	Greenfield or Existing Electrical Generating Facility Fee for Use of Offsets for Municipalities			√	
1402	Control of Toxic Air Contaminants from Existing Sources		√		
<b>December</b>					
416 <sup>1</sup>	Odors from Kitchen Grease Processing			√	
1118 <sup>1</sup>	Control of Emissions from Refinery Flares			√	√
1123 <sup>+1</sup>	Refinery Process Turnarounds (MCS-03)	√			
1466 <sup>1</sup>	Volatile Organic Compound Emissions from Decontamination of Soil		√		
1171 <sup>+1</sup>	Solvent Cleaning Operations (CTS-02)	√			
1177 <sup>+1</sup>	Liquefied Petroleum Gas Transfer and Dispensing (FUG-02)	√			
1420 <sup>+1</sup>	Emissions Standard for Lead		√		
4001* <sup>1</sup>	Backstop to Ensure AQMP Emission Reduction Targets Are Met at Commercial Marine Ports (IND-01)	√			

**2015 MASTER CALENDAR (continued)**

**2015 TO-BE DETERMINED**

<b>TBD</b>		<b>AQMP</b>	<b>Toxics</b>	<b>Other</b>	<b>Climate Change</b>
219	Equipment Not Requiring a Written Permit Pursuant to Regulation II			√	
222	Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation I			√	
224	Incentives for Super-Compliant Technologies			√	
1107	Coating of Metal Parts and Products (CTS-02)			√	
1147	NOx Reductions from Miscellaneous Sources			√	
1148.2	Notification and Reporting Requirements for Oil and Gas Wells and Chemical Suppliers		√	√	
1168	Adhesive and Sealant Applications (CTS-02)	√			
1190 Series	Fleet Vehicle Requirements			√	
Reg. XIII	New Source Review			√	
1403	Asbestos Emissions from Demolition/Renovation Activities		√		
1411	Recovery of Recycling of Refrigerants from Motor Vehicle Air Conditioners		√		
1902	Transportation Conformity – Preamble			√	
2511	Credit Generation Program for Locomotive Head End Power Unit Engines			√	
2512	Credit Generation Program for Ocean-Going Vessels at Berth			√	
Reg. XXVII	Climate Change				√

**2015 MASTER CALENDAR (continued)**

**2015 TO-BE DETERMINED**

<b>TBD</b>	<b>(continued)</b>	<b>AQMP</b>	<b>Toxics</b>	<b>Other</b>	<b>Climate Change</b>
Reg. IV, IX, X, XI, XIV, XX, XXX and XXXV Rules	Various rule amendments may be needed to meet the requirements of state and federal laws, implement OEHHA revised risk assessment guidance, address variance issues/ technology-forcing limits, to abate a substantial endangerment to public health or welfare, 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 listed in Table 1 of the December 5, 2014 Rule and Control Measure Forecast and new or amended rules to implement the 2012 AQMP measures in Table 2 of the December 5, 2014 Rule and Control Measure Forecast. The CCP has been updated to include new measures to address toxic emissions in the basin. The CCP includes a variety of measures that will reduce exposure to air toxics from stationary, mobile, and area sources (Table 3 of the December 5, 2014 Rule and Control Measure Forecast). Rule amendments may include updates to provide consistency with CARB Statewide Air Toxic Control Measures.	√	√	√	√
---	Mobile Source Measures	√	√		
---	SIP Implementation	√			

**2015 MASTER CALENDAR (continued)**

**2016**

<b>January</b>		<b>AQMP</b>	<b>Toxics</b>	<b>Other</b>	<b>Climate Change</b>
1161 <sup>+1</sup>	VOC Reductions from Mold Release Agents (CTS-03)	√			
1188 <sup>+1</sup>	VOC Reductions from Vacuum Trucks (FUG-01)	√			
2301 <sup>+1</sup>	Control of Emissions from New or Redevelopment Projects (EGM-01)	√			
<b>February</b>					
1136 <sup>1</sup>	Wood Products Coatings (CTS-02)			√	
1450 <sup>1</sup>	Control of Methylene Chloride Emissions		√		
<b>March</b>					
1430 <sup>1</sup>	Control of Toxic Air Contaminants from Metal Forging, Shredding, Grinding and Other Metal Processing Operations		√		

# ATTACHMENT A

## AQMP Rule Activity Schedule

This attachment lists those control measures that are being developed into rules or rule amendments for Governing Board consideration that are designed to implement the amendments to the 2012 Air Quality Management Plan.

**2015**

<b>October</b>	
Reg. XX* <sup>+1</sup>	<p><b>Regional Clean Air Incentives Market (RECLAIM) (CMB-01)</b>  <i>[Projected Emission Reduction: 3-5 TPD]</i>                      Proposed amendments to Regulation XX will seek to implement additional NOx emission reductions.  <i>Joe Cassmassi 909.396.3155 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
<b>November</b>	
1113* <sup>+</sup>	<p><b>Architectural Coatings (CTS-01)</b>  <i>[Projected Emission Reduction: N/A]</i>                      Potential amendments may include a backstop provision to address additional potential VOC emission reductions from the small container exemption, high volume categories, and increased fees in Rule 314 – Fees for Architectural Coatings. Additional clarifications will also be considered to address ongoing compliance issues.  <i>Naveen Berry 909.396.2363 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
<b>December</b>	
1123 <sup>+1</sup>	<p><b>Refinery Process Turnarounds (MCS-03)</b>  <i>[Projected Emission Reduction: N/A]</i>                      Proposed amendments, if needed, will implement Control Measure MSC-03 of the 2007 AQMP by establishing procedures that better quantify emission impacts from start-up, shutdown or turnaround activities.  <i>Naveen Berry 909.396.2363 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
1171 <sup>+1</sup>	<p><b>Solvent Cleaning Operations (CTS-02)</b>  <i>[Projected Emission Reduction: Some VOC]</i>                      The proposed amendments will review existing exemptions and include clarifications that may arise due to compliance verification activities or manufacturer and public input, including the sales prohibition clause.  <i>Naveen Berry 909.396.2363 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
1177 <sup>+1</sup>	<p><b>Liquefied Petroleum Gas Transfer and Dispensing (FUG-02)</b>  <i>[Projected Emission Reduction: N/A]</i>                      Potential amendments may be proposed to include additional sources of emissions from the dispensing and transfer of LPG.  <i>Susan Nakamura 909.396.3105 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>

# ATTACHMENT A

## AQMP Rule Activity Schedule (continued)

**2015**

December	(continued)
4001* <sup>1</sup>	<p><b>Backstop to Ensure AQMP Emission Reduction Targets Are Met at Commercial Marine Ports (IND-01)</b>  <i>[Projected Emission Reduction: TBD]</i>                      If triggered, the proposed rule will address cost-effective NO<sub>x</sub>, SO<sub>x</sub>, and PM<sub>2.5</sub> emission reduction strategies from port-related sources to ensure emission reductions claimed or emission targets assumed in the 2012 AQMP for the 24-hour PM<sub>2.5</sub> standard are maintained.  <i>Randall Pasek 909.396.2251 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>

### To-Be Determined 2015

To-Be Determined	
1168	<p><b>Adhesive and Sealant Applications (CTS-02)</b>  <i>[Projected Emission Reduction: N/A]</i>                      Amendments to Rule 1168 will partially implement CTS-02 and reflect improvements in adhesive and sealants technology, as well as remove outdated provisions and include minor clarifications.  <i>Naveen Berry 909.396.236 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
Reg. IV, IX, X, XI, XIV, XIV, XX, XXX AND XXXV Rules	<p>Various rule amendments may be needed to meet the requirements of state and federal laws, implement OEHHA revised risk assessment guidance, address variance issues/ technology-forcing limits, to abate a substantial endangerment to public health or welfare, or to seek additional reductions to meet the SIP short-term measure commitments and/or long-term emission reduction commitments. The associated rule development or amendments include, but are not limited to, SCAQMD existing rules listed in Table 1 of the December 5, 2014 Rule and Control Measure Forecast and new or amended rules to implement the 2012 AQMP measures in Table 2 of the December 5, 2014 Rule and Control Measure Forecast.</p>

# ATTACHMENT A

## AQMP Rule Activity Schedule (continued)

### To-Be Determined 2015

To-Be Determined	
---	<p><b>Mobile Source Measures</b>  <i>[Projected Emission Reduction: TBD]</i>                      The District may adopt measures to limit emissions from mobile sources, both on-road and off-road (nonroad) sources, consistent with the Board’s direction to counsel at the October 2014 meeting to explore the District’s regulatory authority over mobile sources. These measures may include but are not limited to, transportation control measures, operational limits, fleet rules, credit generation rules, and indirect source rules, such as an indirect source rule for railyards and/or other sources which attract mobile sources.  <i>Henry Hogo 909.396.3184 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
---	<p><b>SIP Implementation</b>  <i>[Projected Emission Reduction: TBD]</i>                      The District may adopt additional measures to carry out the State Implementation Plan for PM2.5 or ozone, or other pollutants if required, as deemed necessary to meet commitments and federal requirements.  <i>Philip Fine 909.396.2239 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>

### 2016

January	
1161 <sup>+1</sup>	<p><b>VOC Reductions from Mold Release Agents (CTS-03)</b>  <i>[Projected Emission Reduction: TBD]</i>                      The proposed rule will establish requirements for mold release products used in composite, fiberglass, metal and plastic manufacturing, and concrete stamping operations.  <i>Naveen Berry 909.396.2363 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
1188 <sup>+1</sup>	<p><b>VOC Reductions from Vacuum Trucks (FUG-01)</b>  <i>[Projected Emission Reduction: TBD]</i>                      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>Susan Nakamura 909.396.3105 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>

# ATTACHMENT A

## AQMP Rule Activity Schedule (continued)

2016

January	(continued)
2301 <sup>+1</sup>	<p><b>Control of Emissions from New or Redevelopment Projects (EGM-01)</b> <i>[Projected Emission Reduction: Committed to reduce 0.5 tons per day of VOC, 0.8 tons per day of NOx, and 0.5 tons per day of PM2.5 in 2023.]</i></p> <p>The proposed rule will implement AQMP Control Measure EGM-01 – Emission Reductions from New or Redevelopment Projects. Proposed Rule 2301 will consider the co-benefits of VOC, NOx, and PM 2.5 emission reductions from the 2012 Regional Transportation Plan/Sustainable Communities Strategy and San Joaquin Valley Air Pollution Control District’s Rule 9510 – Indirect Source Review to meet the “all feasible measures” requirement.</p> <p><i>Henry Hogo 909.396.3184 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>

# ATTACHMENT B

## Toxics Rule Activity Schedule

This attachment lists those rules or rule amendments for Governing Board consideration that are designed to implement the Air Toxics Control Plan.

**2015**

<b>July</b>	
1148.2 <sup>1</sup>	<p><b>Notification and Reporting Requirements for Oil and Gas Wells and Chemical Suppliers</b>  <i>[Projected Emission Reduction: N/A]</i>                      Amendments to Rule 1148.2 may be needed to extend the implementation of requirements to submit emissions reports and other necessary changes to be consistent with SB 4.  <i>Susan Nakamura 909.396.3105 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
<b>September</b>	
1156	<p><b>Further Reductions of Particulate Emissions from Cement Manufacturing Facilities</b>  <i>[Projected Emission Reduction: N/A]</i>                      Cement manufacturing facilities currently maintain a monitoring network for hexavalent chromium. The proposed amendments will address the conditions by which the existing monitoring requirements could be reduced, particularly as they pertain to partial or full facility shutdown and any change in ownership and land use.  <i>Tracy Goss 909.396.3106 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
1420.1	<p><b>Emission Standards for Lead and Other Toxic Air Contaminants from Large Lead-Acid Battery Recycling Facilities</b>  <i>[Projected Emission Reduction: N/A]</i>                      During the adoption of amendments to Rule 1420.1 at the March 6, 2015 Governing Board Meeting, the Governing Board directed staff to return to the SCAQMD Governing Board within six months with a proposal to lower the overall point source lead emission limit to 0.003 lb/hour and other options. Staff is proposing amendments to lower the overall point source lead emission limit and other requirements.  <i>Susan Nakamura 909.396.3105 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
1420.2 <sup>1</sup>	<p><b>Emissions Standard for Lead from Metal Melting Operations</b>  <i>[Projected Emission Reduction: TBD]</i>                      In October 2008, U.S. EPA lowered the National Ambient Air Quality Standard (NAAQS) for lead from 1.5 to 0.15 ug/m<sup>3</sup>. Proposed Rule 1420.2 will establish requirements for medium lead emitting sources to ensure compliance with the lead NAAQS.  <i>Susan Nakamura 909.396.3105 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>

## ATTACHMENT B

### Toxics Rule Activity Schedule (continued)

**2015**

<b>October</b>	
1430.1 <sup>1</sup>	<p><b>Control of Toxic Air Contaminants from Grinding Operations at Forging Facilities</b>  <i>[Projected Emission Reduction: TBD]</i>                      Proposed Rule 1430.1 will establish emission reduction requirements to control toxic emissions from grinding operations at forging facilities.  <i>Susan Nakamura 909.396.3105 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
<b>November</b>	
1402	<p><b>Control of Toxic Air Contaminants from Existing Sources</b>  <i>[Projected Emission Reduction: TBD]</i>                      Amendments to Rule 1402 will address revised toxic air contaminant risk guidance that have been approved by OEHHA.  <i>Susan Nakamura 909.396.3105 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
<b>December</b>	
1420 <sup>+1</sup>	<p><b>Emissions Standard for Lead</b>  <i>[Projected Emission Reduction: TBD]</i>                      In October 2008, U.S. EPA lowered the National Ambient Air Quality Standard (NAAQS) for lead from 1.5 to 0.15 ug/m<sup>3</sup>. Proposed Rule 1420 will establish requirements for smaller lead emitting sources that are not covered under Rules 1420.1 and Rule 1420.2 to ensure compliance with the lead NAAQS.  <i>Susan Nakamura 909.396.3105 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
1466 <sup>1</sup>	<p><b>Volatile Organic Compound Emissions from Decontamination of Soil</b>  <i>[Projected Emission Reduction: TBD]</i>                      Proposed Rule 1466 would establish requirements to control toxic metal emissions from activities involving storing, handling and transporting soils with toxic metals. This was previously listed as amendments to Rule 1166.  <i>Susan Nakamura 909.396.3105 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>

## ATTACHMENT B

### Toxics Rule Activity Schedule (continued)

#### To-Be Determined 2015

To-Be Determined	(continued)
1148.2	<p><b>Notification and Reporting Requirements for Oil and Gas Wells and Chemical Suppliers</b>  <i>[Projected Emission Reduction: N/A]</i>                      Revisions to Rule 1148.2 may be needed based on information collected through implementation of Rule 1148.2.  <i>Susan Nakamura 909.396.3105 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
1403	<p><b>Asbestos Emissions from Demolition/Renovation Activities</b>  <i>[Projected Emission Reduction: N/A]</i>                      Amendments to Rule 1403 will include specific requirements when conducting asbestos emitting demolition/renovation activities at schools, daycares, and possibly establishments that have sensitive populations. Amendments may include other provisions to improve the implementation of the rule.  <i>Susan Nakamura 909.396.3105 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
1411	<p><b>Recovery of Recycling of Refrigerants from Motor Vehicle Air Conditioners</b>  <i>[Projected Emission Reduction: TBD]</i>                      The proposed amendments to Rule 1411 will align with existing Clean Air Act requirements to minimize the release of refrigerants during the servicing of motor vehicle air conditioning, incorporate other clarifications and enhance enforceability.  <i>Philip Fine 909.396.2239 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
Reg. IV, IX, X, XI, XIV, XIV, XX, XXX and XXXV Rules	<p>The Clean Communities Plan has been updated to include new measures to address toxic emissions in the basin. The CCP includes a variety of measures that will reduce exposure to air toxics from stationary, mobile, and area sources (Table 3 of the December 5, 2014 Rule and Control Measure Forecast). Rule amendments may include updates to provide consistency with CARB Statewide Air Toxic Control Measures.</p>
---	<p><b>Mobile Source Measures</b>  <i>[Projected Emission Reduction: TBD]</i>                      The District may adopt measures to limit emissions from mobile sources, both on-road and off-road (nonroad) sources, consistent with the Board's direction to counsel at the October 2014 meeting to explore the District's regulatory authority over mobile sources. These measures may include but are not limited to, transportation control measures, operational limits, fleet rules, credit generation rules, and indirect source rules, such as an indirect source rule for railyards and/or other sources which attract mobile sources.  <i>Henry Hogo 909.396.3184 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>

## ATTACHMENT B

### Toxics Rule Activity Schedule (continued)

2016

February	
1450 <sup>1</sup>	<p><b>Control of Methylene Chloride Emissions</b> <i>[Projected Emission Reduction: N/A]</i> Proposed Rule 1450 will establish requirements to control methylene chloride from furniture stripping operations and other sources. <i>Susan Nakamura 909.396.3105 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
March	
1430 <sup>1</sup>	<p><b>Control of Toxic Air Contaminants from Metal Forging, Shredding, Grinding and Other Metal Processing Operations</b> <i>[Projected Emission Reduction: TBD]</i> Proposed Rule 1430 will establish emission reduction requirements to control toxic emissions from grinding operations. <i>Susan Nakamura 909.396.3105 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>

# ATTACHMENT C

## Other Rule Activity Schedule

This attachments lists rules or rule amendments for Governing Board consideration that are designed to improve rule enforceability, SIP corrections, or implementing state or federal regulations.

**2015**

<b>July</b>	
1148.1 <sup>1</sup>	<p><b>Oil and Gas Production Wells</b>  <i>[Projected Emission Reduction: N/A]</i>                      Amendments may be necessary to improve rule effectiveness in reducing emissions from production wells and associated equipment and improving housekeeping activities to minimize potential nuisance.  <i>Naveen Berry 909.396.2363 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
1148.2 <sup>1</sup>	<p><b>Notification and Reporting Requirements for Oil and Gas Wells and Chemical Suppliers</b>  <i>[Projected Emission Reduction: N/A]</i>                      Amendments to Rule 1148.2 may be needed to extend the implementation of requirements to submit emissions reports and other necessary changes to be consistent with SB 4.  <i>Susan Nakamura 909.396.3105 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
<b>September</b>	
415* <sup>1</sup>	<p><b>Odors from Animal Rendering</b>  <i>[Projected Emission Reduction: TBD]</i>                      Proposed Rule 415 will provide protection to the public from odors created during animal rendering operations. The proposed rule will incorporate a preventative approach to odors by establishing Best Management Practices and will consider enclosures for operations and processes that generate odors and from wastewater treatment. The proposed rule may also contain requirements for an Odor Mitigation Plan for continuing odor issues at facilities subject to the rule.  <i>Tracy Goss 909.396.3106 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
<b>October</b>	
1106 1106.1 <sup>1</sup>	<p><b>Marine Coating Operations</b>  <b>Pleasure Craft Coating Operations</b>  <i>[Projected Emission Reduction: N/A]</i>                      The proposed amendments will include any clarifications that may arise due to the compliance verification activities or manufacturer and public input, including the sales prohibition clause.  <i>Naveen Berry 909.396.2363 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>

# ATTACHMENT C

## Other Rule Activity (continued)

2015

October	(continued)
1110.2	<p><b>Emissions from Gaseous- and Liquid-Fueled Engines</b>  <i>[Projected Emission Reduction: N/A]</i>                      The proposed amendments to Rule 1110.2 would potentially extend the compliance date for biogas used to fuel power generators at landfills and municipal waste facilities. The amendment would result in delayed emission reductions.  <i>Joe Cassmassi 909.396.3155 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
November	
219 <sup>1</sup>	<p><b>Equipment Not Requiring a Written Permit Pursuant to Regulation II</b>  <i>[Projected Emission Reduction: N/A]</i>                      Amendments to Rule 219 may be proposed to exclude equipment with de minimis emissions from the requirement to obtain written permits.  <i>Naveen Berry 909.396.2363 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
1304.2* <sup>1</sup>	<p><b>Greenfield or Existing Electrical Generating Facility Fee for Use of Offsets for Load Serving Entities</b>  <i>[Projected Emission Reduction: TBD]</i>                      Proposed Rule 1304.2 would provide for new, greenfield or additions at existing electrical generating facilities to access the SCAQMD’s internal offset account, subject to qualifying conditions, eligibility, and the payment of a fee to invest in air quality improvement projects consistent with the AQMP. This rule is a companion to Rule 1304.1 and will provide offsets so that new, proposed and other existing electrical generating facilities can compete on a level playing field with existing generating facilities with utility steam boilers, and implement the State’s plan to maintain grid reliability.  <i>Naveen Berry 909.396.2363 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
1304.3* <sup>1</sup>	<p><b>Greenfield or Existing Electrical Generating Facility Fee for Use of Offsets for Municipalities</b>  <i>[Projected Emission Reduction: TBD]</i>                      Proposed Rule 1304.3 would provide for new, greenfield or additions at existing electrical generating facilities to access the SCAQMD’s internal offset account, subject to qualifying conditions, eligibility, and the payment of a fee to invest in air quality improvement projects consistent with the AQMP. This rule is a companion to Rule 1304.1 and will provide offsets so that new, proposed and other existing electrical generating facilities run by local municipalities can meet the reliable electric needs of their customers.  <i>Naveen Berry 909.396.2363 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>

## ATTACHMENT C

### Other Rule Activity (continued)

2015

December	
416 <sup>1</sup>	<p><b>Odors from Kitchen Grease Processing</b>  <i>[Projected Emission Reduction: TBD]</i>                      Proposed Rule 416 will provide protection to the public from odors created during kitchen grease processing operations. The proposed rule will establish Best Management Practices (BMP) to address odors created during delivery and processing of trap grease to affected facilities. In addition, the proposed rule will examine enclosure for wastewater treatment operations and filter cake storage. The proposed rule may also contain requirements for an Odor Mitigation Plan for continuing odor issues at facilities subject to the rule.  <i>Tracy Goss 909.396.3106 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
1118 <sup>1</sup>	<p><b>Control of Emissions from Refinery Flares</b>  <i>[Projected Emission Reduction: TBD]</i>                      Amendments may be necessary to address results of the additional analysis required by the adopting resolution for the last amendment. Amendments may also be necessary to implement an AB 32 measure.  <i>Susan Nakamura 909.396.3105 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>

### To-Be Determined 2015

To-Be Determined	
219	<p><b>Equipment Not Requiring a Written Permit Pursuant to Regulation II</b>  <i>[Projected Emission Reduction: N/A]</i>                      Amendments to Rule 219 may be proposed to exclude equipment with de minimis emissions from the requirement to obtain written permits.  <i>Naveen Berry 909.396.2363 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
222	<p><b>Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation I</b>  <i>[Projected Emission Reduction: N/A]</i>                      Amendments to Rule 222 may be proposed to add additional equipment categories to the streamlined filing/registration program of Rule 222.  <i>Naveen Berry 909.396.2363 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>

# ATTACHMENT C

## Other Rule Activity (continued)

### To-Be Determined 2015

<b>To-Be Determined</b>	
224	<p><b>Incentives for Super-Compliant Technologies</b>  <i>[Projected Emission Reduction: TBD]</i>                      This proposed rule 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>Naveen Berry 909.396.2363 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
1107	<p><b>Coating of Metal Parts and Products</b>  <i>[Projected Emission Reduction: N/A]</i>                      Potential amendments to Rule 1107 would further reduce VOC emissions and improve rule clarity and enforceability.  <i>Naveen Berry 909.396.2363 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
1147	<p><b>NOx Reductions from Miscellaneous Sources</b>  <i>[Projected Emission Reduction: N/A]</i>                      Amendments may be necessary to address findings of ongoing technology assessment.  <i>Joe Cassmassi 909.396.3155 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
1148.2	<p><b>Notification and Reporting Requirements for Oil and Gas Wells and Chemical Suppliers</b>  <i>[Projected Emission Reduction: N/A]</i>                      Revisions to Rule 1148.2 may be needed based on information collected through implementation of Rule 1148.2.  <i>Susan Nakamura 909.396.3105 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
1190 Series	<p><b>Fleet Vehicle Requirements</b>  <i>[Projected Emission Reduction: TBD]</i>                      Amendments to Rule 1190 series fleet rules may be necessary to address remaining outstanding implementation issues and in the event the court's future action requires amendments. In addition, the current fleet rules may be expanded to achieve additional air quality and air toxic benefits.  <i>Dean Saito 909.396.2647 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
Reg. XIII	<p><b>New Source Review</b>  <i>[Projected Emission Reduction: TBD]</i>                      Amendments may be necessary to address U.S. EPA comments on SIP approvability issues and/or requirements. Amendments may also be proposed for clarity and improved enforceability.  <i>Naveen Berry 909.396.2363 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>

# ATTACHMENT C

## Other Rule Activity (continued)

### To-Be Determined 2015

<b>To-Be Determined</b>	<b>(continued)</b>
1902	<p><b>Transportation Conformity</b>  <i>[Projected Emission Reduction: TBD]</i>                      Amendments to Rule 1902 may be necessary to bring the District’s Transportation Conformity rule in line with current U.S. EPA requirements.  <i>Susan Nakamura 909.396.3105 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
2511	<p><b>Credit Generation Program for Locomotive Head End Power Unit Engines</b>  <i>[Projected Emission Reduction: TBD]</i>                      Develop a rule to allow generation of PM mobile source emission reduction credits from Locomotive Head End Power Unit Engines. Credits will be generated by retrofitting engines with PM controls or replacing the engines with new lower-emitting engines.  <i>Randall Pasek 909.396.2251 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
2512	<p><b>Credit Generation Program for Ocean-Going Vessels at Berth</b>  <i>[Projected Emission Reduction: TBD]</i>                      Develop a rule to allow generation of PM, NOx and SOx emission reduction credits from ocean-going vessels while at berth. Credits will be generated by controlling the emissions from auxiliary engines and boilers of ships while docked.  <i>Randall Pasek 909.396.2251 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
Reg. IV, IX, X, XI, XIV, XX, XXX AND XXXV Rules	<p>Various rule amendments may be needed to meet the requirements of state and federal laws, implement OEHHA revised risk assessment guidance, address variance issues/ technology-forcing limits, to abate a substantial endangerment to public health or welfare, 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 listed in Table 1 of the December 5, 2014 Rule and Control Measure Forecast and new or amended rules to implement the 2012 AQMP measures in Table 2 of the December 5, 2014 Rule and Control Measure Forecast. The CCP has been updated to include new measures to address toxic emissions in the basin. The CCP includes a variety of measures that will reduce exposure to air toxics from stationary, mobile, and area sources (Table 3 of the December 5, 2014 Rule and Control Measure Forecast). Rule amendments may include updates to provide consistency with CARB Statewide Air Toxic Control Measures.</p>

# ATTACHMENT C

## Other Rule Activity (continued)

2016

February	
1136 <sup>1</sup>	<p><b>Wood Products Coatings</b> <i>[Projected Emission Reduction: TBD]</i> The proposed amendments will include clarifications that may arise due to compliance verification activities or manufacturer and public input, including the sales prohibition clause. <i>Naveen Berry 909.396.2363 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>

## ATTACHMENT D Climate Change

This attachments lists rules or rule amendments for Governing Board consideration that are designed to implement SCAQMD’s Climate Change Policy or for consistency with state or federal rules.

### To-Be Determined 2015

<b>To-Be Determined</b>	
Reg. XXVII	<p><b>Climate Change</b>  <i>[Projected Emission Reduction: TBD]</i>            Additional protocols may be added to Rules 2701 and 2702 and amendments to existing rules may be needed to address implementation issues.  <i>Susan Nakamura 909.396.3105 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>
Reg. IV, IX, X, XI, XIV, XX, XXX and XXXV Rules	<p>Rule developments/amendments may be needed to meet the requirements of state and federal laws related to climate change air pollutants.</p>

### 2016

<b>February</b>	
1118 <sup>1</sup>	<p><b>Control of Emissions from Refinery Flares</b>  <i>[Projected Emission Reduction: TBD]</i>            Amendments may be necessary to address findings from the additional analysis required by the adopting resolution for the last amendment.            Amendments may also be necessary to implement an AB 32 measure.  <i>Susan Nakamura 909.396.3105 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3155</i></p>