BOARD MEETING DATE: February 7, 2014 AGENDA NO. 18

REPORT: Rule and Control Measure Forecast

SYNOPSIS: This report highlights SCAQMD rulemaking activity and Public Workshops potentially scheduled for the year 2014

COMMITTEE: No Committee Review

RECOMMENDED ACTION:
Receive and file.

Barry R. Wallerstein, D.Env.
Executive Officer

EC:LT:cg

1111	Reduction of NOx Emissions from Natural-Gas-Fired, Fan-Type Central Furnaces
Rule 1111 is moved forward to July from TBD to reflect the results of the recently completed technology assessment, recommending additional time for compliance.	
Reg. XX	Regional Clean Air Incentives Market (RECLAIM) (CMB-01)
Regulation XX is moved to July from April to allow staff additional time to complete its analysis and allow for public input.	
2202	On-Road Motor Vehicle Mitigation Options
Rule 2202 is moved to May from July to address ERC use as a compliance option.	

2014 MASTER CALENDAR (continued)

Below is a list of all rulemaking activity scheduled for the year 2014. 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.
[1]Subject to Board approval
California Environmental Quality Act shall be referred to as "CEQA."
Socioeconomic Analysis shall be referred to as "Socio."

2014

April		AQMP	Toxics	Other	Climate Change
102	Definition of Terms			√	
1130	Graphic Arts	√			
1401 1402	New Source Review of Toxic Air Contaminants Control of Toxic Air Contaminants from Existing Sources		√		
2202[1]	On-Road Motor Vehicle Mitigation Options			√	
4001	Backstop to Ensure AQMP Emission Reduction Targets Are Met at Commercial Marine Ports (IND-01)	√			
May					
Reg. III	Fees			√	
1123	Refinery Process Turnarounds (MCS-03)	√			
June					
415	Odors from Rendering Plants			√	
1153.1	Emissions of Oxides of Nitrogen from Commercial Food Ovens			√	
1168	Adhesive and Sealant Applications (CTS-02)	√			

2014 MASTER CALENDAR (continued)

2014

June	(continued)	AQMP	Toxics	Other	Climate Change
1430	Control of Toxic Air Contaminants from Metal Forging, Shredding, Grinding and Other Metal Processing Operations		√		
2301	Control of Emissions from New or Redevelopment Projects (EGM-01)	√			
July					
Reg. IX Reg. X	Standards of Performance for New Stationary Sources National Emission Standards for Hazardous Air Pollutants			√	
1111[1]	Reduction of NOx Emissions from Natural-Gas-Fired, Fan-Type Central Furnaces			√	
1151[*+]	Motor Vehicle and Mobile Equipment Non-Assembly Line Coating Operations			√	
Reg. XX[1]	Regional Clean Air Incentives Market (RECLAIM) (CMB-01)	√			
October					
1161	VOC Reduction from Mold Release Agents (CTS-03)	√			
November					
1188	VOC Reductions from Vacuum Trucks (FUG-01)	√			
1420 1420.2	Emissions Standard for Lead Emission Standard for Lead from Medium Sources		√ √		
2305[*]	Indirect Sources		√	√	
December					
1111.1	NOx Reductions from Commercial Space Heating (CMB-03)	√			
1450	Control of Methylene Chloride Emissions		√		

2014 MASTER CALENDAR (continued)

2014 TO-BE DETERMINED

TBD		AQMP	Toxics	Other	Climate Change
219	Equipment Not Requiring a Written Permit Pursuant to Regulation II			√	
222.1	Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation I			√	
1107	Coating of Metal Parts and Products			√	
1113	Architectural Coatings			√	
1118	Control of Emissions from Refinery Flares			√	√
1124	Aerospace Assembly and Component Manufacturing Operations (CTS-02)	√		√	
1162	Polyester Resin Operations (CTS-02)	√		√	
1171	Solvent Cleaning Operations (CTS-02)	√		√	
1147	NOx Reductions from Miscellaneous Sources			√	
1148.1	Oil and Gas Production Wells			√	
1177	Liquefied Petroleum Gas Transfer and Dispensing			√	
1190 Series	Fleet Vehicle Requirements			√	
1304.2	Greenfield or Existing Electrical Generating Facility Fee for Use of Offsets			√	
Reg. XIII	New Source Review			√	
1420.1	Emissions Standard for Lead from Large Lead-Acid Battery Recycling Facilities		√		
1902	Transportation Conformity - Preamble			√	
2511	Credit Generation Program for Locomotive Head End Power Unit Engines			√	

2014 MASTER CALENDAR (continued)

2014 TO-BE DETERMINED

TBD	(continued)	AQMP	Toxics	Other	Climate Change
2512	Credit Generation Program for Ocean-Going Vessels at Berth			√	
Reg. XXVII	Climate Change				√
4010*+	General Provisions and Requirements for Ports of Los Angeles and Long Beach (IND-01)	√	√		
4020*+	Backstop Requirements for Ports of Los Angeles and Long Beach (IND-01)	√	√		
Reg. IV, IX, X, XI, XIV, XX and XXX Rules	Rule amendments to meet the requirements of state and federal laws, to 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. The associated rule development or amendments include, but are not limited to, SCAQMD existing rules listed in Table 1 and new or amended rules to implement the 2012 AQMP measures in Table 2. The Clean Communities Plan (CCP) has been updated to include new measures to address toxic emissions in the basin. The CCP measures will reduce exposure to air toxics from stationary, mobile, and area sources (Table 3). Rule amendments also include updates to provide consistency with CARB Statewide Air Toxic Control Measures.	√	√	√	√

ATTACHMENT A

AQMP Rule Activity Schedule

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

2014

April	
1130	**Graphic Arts (CTS-02)** *[Projected Emission Reduction: TBD]* The proposed amendment will review fountain solutions and other technologies to align requirements with existing rules and U.S. EPA's Control Techniques Guidelines (CTG) recommendations. *Naveen Berry 909.396.2363 CEQA: Krause (2706) Socio: Cassmassi (3059)*
4001	**Backstop to Ensure AQMD Emission Reduction Targets are Met at Commercial Marine Ports (IND-01)** *[Projected Emission Reduction: TBD]* If triggered, the proposed rule will address cost-effective NOx, SOx, and PM2.5 emission reduction strategies from port-related sources to ensure emission reductions claimed or emission targets assumed in the 2012 AQMP for the 24-hr PM2.5 standard are maintained. *Randall Pasek 909.396.2251 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3059*
May	
1123	**Refinery Process Turnarounds (MCS-03)** *[Projected Emission Reduction: N/A]* 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. *Naveen Berry 909.396.2363 CEQA: Krause (2706) Socio: Cassmassi (3059)*
June	
1168	**Adhesive and Sealant Applications (CTS-02)** *[Projected Emission Reduction: N/A]* 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 *Naveen Berry 909.396.2363 CEQA: Krause (2706) Socio: Cassmassi (3059)*

ATTACHMENT A

AQMP Rule Activity Schedule (continued)

2014

June	(continued)
2301	**Control of Emissions from New or Redevelopment Projects (EGM-01)** *[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.]* The proposed rule will implement the 2007 AQMP Control Measure EGM-01 – Emission Reductions from New or Redevelopment Projects. Since the initial proposal was released for PR 2301, CARB in compliance with an SB 375 requirement, has set greenhouse gas emission reduction targets for each metropolitan planning organization (MPO). SCAG's 2012 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) contains the plan for how these target emission reductions will be met. IIn light of these developments, PR2301 will consider the implementation of a menu of mitigation measures as well as capture the co-benefits of VOC, NOx, and PM 2.5 emission reductions from SB375 and the 2012 RTP/SCS. *Carol Gomez 909.396. 3264 CEQA: Krause 909.396.2706 Socio: Cassmassi 909.396.3059*
July	
Reg. XX[1]	**Regional Clean Air Incentives Market (RECLAIM)(CMB-01)** *[Projected Emission Reduction: 3-5 TPD]* Proposed amendments to Regulation XX will seek to implement a minimum contingency measure CMB-01 of the 2012 AQMP and possibly Phase II of the control measure if the technology assessment can be completed within the allotted time for this rule making. *Joe Cassmassi 909.396.3155 909.396.3155 CEQA: Krause (2706) Socio: Cassmassi (3059)*
October	
1161	**VOC Reductions from Mold Release Agents (CTS-03)** *[Projected Emission Reduction: TBD]* The proposed rule will establish requirements for mold release products used in composite, fiberglass, metal and plastic manufacturing, and concrete stamping operations. *Naveen Berry 909.396.2363 CEQA: Krause (2706) Socio: Cassmassi (3059)*
November	
1188	**VOC Reductions from Vacuum Trucks (FUG-01)** *[Projected Emission Reduction: TBD]* 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 Degassing. *Naveen Berry 909.396.2363 CEQA: Krause (2706) Socio: Cassmassi (3059)*

ATTACHMENT A

AQMP Rule Activity Schedule (continued)

2014

December	
1111.1	**NOx Reductions from Commercial Space Heating (CMB-03)** *Projected Emission Reduction: N/A]* Proposed Rule 1111.1 will establish equipment specific nitrogen oxides emission limits and other requirements for the operation of commercial space heaters. *Joe Cassmassi 909.396.31553 CEQA: Krause (2706) Socio: Cassmassi (3059)*

To-Be Determined 2014

To-Be Determined	
1124 1162 1171	**Aerospace Assembly and Component Manufacturing Operations (CTS-02)** **Polyester Resin Operations(CTS-02)** **Solvent Cleaning Operations (CTS-02)** *[Projected Emission Reduction: TBD]* Amendments may be necessary to integrate requirements associated with Proposed Rule 1161 – Mold Release Agents. *Naveen Berry 909.396.2363 CEQA: Krause (2706) Socio: Cassmassi (3059)*
4010*+ 4020*+	**General Provisions and Requirements for Ports of Los Angeles and Long Beach (IND-01)** **Backstop Requirements for Ports of Los Angeles and Long Beach (IND-01)** *[Projected Emission Reduction: TBD]* If triggered, the proposed rules will address cost-effective NOx, SOx, and PM2.5 emission reduction strategies from port-related sources to ensure emission reductions claimed or emission targets assumed in the AQMP are maintained. *Susan Nakamura 909.396.3105 CEQA: Krause (2706) Socio: Cassmassi (3059)*
Reg. IV, IX, X, XI, XIV, XX and XXX Rules	Rule amendments to meet the requirements of state and federal laws, to 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. The associated rule development or amendments include, but are not limited to, SCAQMD existing rules listed in Table 1 and new or amended rules to implement the 2012 AQMP measures in Table 2.

ATTACHMENT B

Toxics Rule Activity Schedule

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

2014

April	
1401[1] 1402[1]	**New Source Review of Toxic Air Contaminants** **Control of Toxic Air Contaminants from Existing Sources** *[Projected Emission Reduction: TBD]* Amendments to Rules 1401 and 1402 will address new or revised toxic air contaminants that have been approved by OEHHA, and may address other issues such as timing. *Susan Nakamura 909.396.3105 CEQA: Krause (2706) Socio: Cassmassi (3059)*
June	
1430	**Control of Toxic Air Contaminants from Metal Forging, Shredding, Grinding and Other Metal Processing Operations** *[Projected Emission Reduction: TBD]* Proposed Rule 1430 will establish requirements to control toxic air contaminants from metal forging, shredding, grinding, and other metal processing operations. *Susan Nakamura 909.396.3105 CEQA: Krause (2706) Socio: Cassmassi (3059)*
November	
1420 1420.2	**Emissions Standard for Lead** **Emission Standards for Lead from Medium Sources** *[Projected Emission Reduction: TBD]* In October 2008, U.S. EPA lowered the National Ambient Air Quality Standard for lead from 1.5 to 0.15 ug/m3. Proposed Amended Rule 1420 and Proposed Rule 1420.2 will apply to lead sources and will include requirements to ensure the Basin meets the new lead standard. *Susan Nakamura 909.396.3105 CEQA: Krause (2706) Socio: Cassmassi (3059)*
2305*	**Indirect Sources** *[Projected Emission Reduction: TBD]* Proposed Rule 2305 will identify approaches to reduce exposure to diesel particulate emissions and localized NO2 emissions from facilities associated with large indirect sources (i.e. facilities that attract mobile sources). *Susan Nakamura 909.396.3105 CEQA: Krause (2706) Socio: Cassmassi (3059)*
December	
1450	**Control of Methylene Chloride Emissions** *Projected Emission Reduction: N/A]* Proposed Rule 1450 will establish requirements to control methylene chloride from furniture stripping operations and other sources. *Susan Nakamura 909.396.3105 CEQA: Krause (2706) Socio: Cassmassi (3059)*

ATTACHMENT B

Toxics Rule Activity Schedule (continued)

To-Be Determined 2014

To-Be Determined	
1420.1	**Emissions Standard for Lead from Large Lead-Acid Battery Recycling Facilities** *[Projected Emission Reduction: TBD]* The proposed amendment will reduce lead arsenic, benzene, and 1,3-butadiene emissions from large lead-acid battery recycling facilities. *Susan Nakamura 909.396.3105 CEQA: Krause (2706) Socio: Cassmassi (3059)*
4010*+ 4020*+	**General Provisions and Requirements for Ports of Los Angeles and Long Beach (IND-01)** **Backstop Requirements for Ports of Los Angeles and Long Beach (IND-01)** *[Projected Emission Reduction: TBD]* If triggered, the proposed rules will address cost-effective NOx, SOx, and PM2.5 emission reduction strategies from port-related sources to ensure emission reductions claimed or emission targets assumed in the AQMP are maintained. *Susan Nakamura 909.396.3105 CEQA: Krause (2706) Socio: Cassmassi (3059)*
Reg. IV, IX, X, XI, XIV, XX and XXX Rules	The Clean Communities Plan (CCP) has been updated to include new measures to address toxic emissions in the basin. The CCP measures will reduce exposure to air toxics from stationary, mobile, and area sources (Table 3). Rule amendments also include updates to provide consistency with CARB Statewide Air Toxic Control Measures.

ATTACHMENT C

Other Rule Activity Schedule

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

2014

April	
102	**Definition of Terms** *[Projected Emission Reduction: N/A]* The proposed amendment would add compounds exempted by USEPA to the definition of Exempt Compounds in the rule. For example, the U.S. EPA recently exempted the compound HFO 1233zd from the federal VOC definition because of its negligible photochemical reactivity level which may be added in Rule 102. *Naveen Berry 909.396.2363 CEQA: Krause (2706) Socio: Cassmassi (3059)*
2202[1]	**On-Road Motor Vehicle Mitigation Options** *[Projected Emission Reduction: TBD]* The proposed amendment is to amend sections of Rule 2202 On-Road Vehicle Mitigation Options and the Rule 2202 Implementation Guidelines that address the use of Emission Reduction Credits (ERC). Staff is proposing to restrict new transfer ERC's into the program and to clarify their use. ERCs that are already in the Rule 2202 program will remain there pursuant to existing guideline language. The restricting of the use of ERCs in the program is to prevent potentially negative impacts on their availability to the NSR program. *Carol Gomez 909.396.3264 CEQA: Krause (2706) Socio: Cassmassi (3059)*
May	
Reg. III	**Fees** *[Projected Emission Reduction: N/A]* Regulation III is being amended to better align program revenues with program costs. Other minor amendments may also being proposed to correct typos, eliminate out-of-date references, and improve consistency and clarity. *Naveen Berry 909.396.2363 CEQA: Krause (2706) Socio: Cassmassi (3059)*
June	
415	**Odors from Rendering Plants** *[Projected Emission Reduction: TBD]* Proposed Rule 415 will address odors from rendering plants. *Susan Nakamura 909.396.3105 CEQA: Krause (2706) Socio: Cassmassi (3059)*

ATTACHMENT C

Other Rule Activity Schedule (continued)

2014

June	(Continued)
1153.1	**Emissions of Oxides of Nitrogen from Commercial Food Ovens** *Projected Emission Reduction: N/A]* Proposed Rule 1153.1 will establish equipment specific nitrogen oxides emission limits and other requirements for the operation of commercial food ovens. *Joe Cassmassi 909.396.31553 CEQA: Krause (2706) Socio: Cassmassi (3059)*
July	
Reg. IX Reg. X	**Standards of Performance for New Stationary Sources (NSPS)** **National Emissions Standards for Hazardous Air Pollutants (NESHAPS)** *[Projected Emission Reduction: N/A]* Regulation IX - Standards of Performance for New Stationary Sources and Regulation X - National Emission Standards for Hazardous Air Pollutants, incorporate by reference the corresponding federal requirements. Amendments are being proposed to incorporate the latest federal revisions. *Naveen Berry 909.396.2363 CEQA: Krause (2706) Socio: Cassmassi (3059)*
1111[1]	**Reduction of NOx Emissions from Natural-Gas-Fired, Fan-Type Central Furnaces** *[Projected Emission Reduction: N/A]* Amendments may be necessary to reflect the findings of the on-going technology assessment. *Naveen Berry 909.396.2363 CEQA: Krause (2706) Socio: Cassmassi (3059)*
1151[*+]	**Motor Vehicle and Mobile Equipment Non-Assembly Line Coating Operations** *[Projected Emission Reduction: N/A]* The proposed amendments to the rule will remove language associated with outdated requirements and may also be necessary to reflect further findings relative to recordkeeping requirements for tertiary butyl acetate (TBAc), as well as include minor clarifications. *Naveen Berry 909.396.2363 CEQA: Krause (2706) Socio: Cassmassi (3059)*
November	
2305[*]	**Indirect Sources** *[Projected Emission Reduction: TBD]* Proposed Rule 2305 will identify approaches to reduce exposure to diesel particulate emissions and localized NO2 emissions from facilities associated with large indirect sources (i.e. facilities that attract mobile sources). *Susan Nakamura 909.396.3105 CEQA: Krause (2706) Socio: Cassmassi (3059)*

ATTACHMENT C

Other Rule Activity Schedule (continued)

To-Be Determined 2014

To-Be Determined	
219	**Equipment Not Requiring a Written Permit Pursuant to Regulation II.** *[Projected Emission Reduction: N/A]* Amendments to Rule 219 may be proposed to exclude equipment with de minimis emissions from the requirement to obtain written permits. *Naveen Berry 909.396.2363 CEQA: Krause (2706) Socio: Cassmassi (3059)*
222.1	**Filing Requirements for Specific Emissions Sources Not Requiring a Written Permit Pursuant to Regulation I** *[Projected Emission Reduction: N/A]* Amendments for Rule 222 may be proposed to add additional equipment categories to the streamlined filing/registration program of Rule 222. *Naveen Berry 909.396.2363 CEQA: Krause (2706) Socio: Cassmassi (3059)*
1107	**Coating of Metal Parts and Products** *[Projected Emission Reduction: N/A]* Potential amendments to Rule 1107 would further reduce VOC emissions and improve rule clarity and enforceability. *Naveen Berry 909.396.2363 CEQA: Krause (2706) Socio: Cassmassi (3059)*
1113	**Architectural Coatings** *[Projected Emission Reduction: N/A]* Potential amendments may be proposed to include administrative fixes and/or any clarifications that may arise due to compliance verification activities or manufacturer and public input. *Naveen Berry 909.396.2363 CEQA: Krause (2706) Socio: Cassmassi (3059)*
1118	**Control of Emissions from Refinery Flares** *[Projected Emission Reduction: TBD]* 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. *Naveen Berry 909.396.2363 CEQA: Krause (2706) Socio: Cassmassi (3059)*
1124 1162 1171	**Aerospace Assembly and Component Manufacturing Operations (CTS-02)** **Polyester Resin Operations (CTS-02)** **Solvent Cleaning Operations (CTS-02)** *[Projected Emission Reduction: N/A]* Amendments may be necessary to integrate requirements associated with Proposed Rule 1161 – Mold Release Agents. The proposed amendment may consider technology assessments for the cleanup of affected equipment. *Naveen Berry 909.396.2363 CEQA: Krause (2706) Socio: Cassmassi (3059)*

ATTACHMENT C

Other Rule Activity Schedule (continued)

To-Be Determined 2014

To-Be Determined	(continued)
1147	**NOx Reductions from Miscellaneous Sources** *[Projected Emission Reduction: N/A]* Amendments may be necessary to address findings of on-going technology assessment. *Joe Cassmassi 909.396.3155 909.396.3155 CEQA: Krause (2706) Socio: Cassmassi (3059)*
1148.1	**Oil and Gas Production Wells** *[Projected Emission Reduction: N/A]* Amendments may be necessary to improve rule effectiveness in reducing emissions from production wells and associated equipment and improving housekeeping activities. *Susan Nakamura 909.396.3105 CEQA: Krause (2706) Socio: Cassmassi (3059)*
1177	**Liquefied Petroleum Gas Transfer and Dispensing** *[Projected Emission Reduction: N/A]* Potential amendments may be proposed to include administrative fixes and/or any clarifications that may arise due to compliance verification activities or manufacturer and public input. *Naveen Berry 909.396.2363 CEQA: Krause (2706) Socio: Cassmassi (3059)*
1190 Series	**Fleet Vehicle Requirements** *[Projected Emission Reduction: TBD]* 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. *Dean Saito 909.396.2647 CEQA: Krause (2706) Socio: Cassmassi (3059)*
1304.2	**Greenfield or Existing Electrical Generating Facility Fee for Use of Offsets** *[Projected Emission Reduction: TBD]* Rule 1304.2 provides for new, Greenfield or additions at existing electrical generating facilities access to the AQMD'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 provision to recently adopted Rule 1304.1 and will provide 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. *Naveen Berry 909.396.2363 CEQA: Krause (2706) Socio: Cassmassi (3059)*

ATTACHMENT C

Other Rule Activity Schedule (continued)

To-Be Determined 2014

To-Be Determined	(continued)
Reg. XIII	**New Source Review** *[Projected Emission Reduction: TBD]* 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. *Naveen Berry 909.396.2363 CEQA: Krause (2706) Socio: Cassmassi (3059)*
1902	**Transportation Conformity** *[Projected Emission Reduction: TBD]* Amendments to Rule 1902 may be necessary to bring the District's Transportation Conformity rule in line with current U.S. EPA requirements. *Susan Nakamura 909.396.3105 CEQA: Krause (2706) Socio: Cassmassi (3059)*
2511	**Credit Generation Program for Locomotive Head End Power Unit Engines** *[Projected Emission Reduction: TBD]* 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. *Randall Pasek 909.396.2251 CEQA: Krause (2706) Socio: Cassmassi (3059)*
2512	**Credit Generation Program for Ocean-Going Vessels at Berth** *[Projected Emission Reduction: TBD]* 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. *Randall Pasek 909.396.2251 CEQA: Krause (2706) Socio: Cassmassi (3059)*
Reg. IV, IX, X, XI, XIV, XX and XXX Rules	Rule amendments to meet the requirements of state and federal laws, to 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. The associated rule development or amendments include, but are not limited to, SCAQMD existing rules listed in Table 1 and new or amended rules to implementation the 2012 AQMP measures in Table 2. The Clean Communities Plan (CCP) has been updated to include new measures to address toxic emissions in the basin. CCP measures will reduce exposure to air toxics from stationary, mobile, and area sources (Table 3). Rule amendments also include updates to provide consistency with CARB Statewide Air Toxic Control Measures.

ATTACHMENT D

Climate Change

This attachments lists rules or rule amendments for the Governing Board consideration that are designed to implement South Coast Air Quality Managements District's Climate Change Policy or for consistency with state or federal rules.

To-Be Determined 2014

To-Be Determined	
1118	**Control of Emissions from Refinery Flares** *[Projected Emission Reduction: TBD]* 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. *Naveen Berry 909.396.2363 CEQA: Krause (2706) Socio: Cassmassi (3059)*
Reg. XXVII	**Climate Change** *[Projected Emission Reduction: TBD]* Additional protocols may be added to Rules 2701 and 2702. *Susan Nakamura 909.396.3105 CEQA: Krause (2706) Socio: Cassmassi (3059)*
Reg. IV, IX, X, XI, XIV, XX and XXX Rules	Rule developments/amendments to meet the requirements of state and federal laws related to climate change air pollutants.