

BOARD MEETING DATE: January 6, 2012

AGENDA NO. 11

REPORT: Rule and Control Measure Forecast

SYNOPSIS: This report highlights AQMD rulemaking activity and public workshops potentially scheduled for the year 2012. (No Committee Review)

COMMITTEE: Not Applicable

RECOMMENDED ACTION:
Receive and file.

Barry R. Wallerstein, D.Env.
Executive Officer

EC:LT:cg

The Rule and Control Measure Forecast Report provides the Board with a monthly update of AQMD's rulemaking and control measure implementation schedule. No scheduling changes have occurred since last month's forecast.

As a summary to the 2011 rulemaking activity, the District continued its rulemaking efforts to improve air quality through implementation of the 2007 AQMP in particular, and to address rule implementation issues. In total the District has adopted four new rules and amended eight existing rules and regulations that will collectively reduce approximately 5.3 tons per day of VOC emissions.

2012 MASTER CALENDAR (continued)

Below is a list of all rulemaking activity scheduled for the year 2012. 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.

¹Subject to Board approval

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

Socioeconomic Analysis shall be referred to as "Socio."

2012

March		AQMP	Toxics	Other	Climate Change
218.1	Continuous Emission Monitoring Performance Specifications			√	
1470	Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines		√		
April					
1123	Pilot Program for Refinery Start-up, Shutdown and Turnaround Procedures (MCS-06)	√			
1177 ⁺	Liquified Petroleum Gas Transfer and Dispensing (MCS-07)	√			
May					
Reg. III	Fees			√	
1107 ⁺	Coating of Metal Parts and Products (MCS-07)	√			
1110.2* ⁺	Emissions from Gaseous- and Liquid-Fueled Engines			√	
June					
222	Filing Requirements For Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II			√	
July					
1114* ⁺	Control of Emissions from Refinery Coking Operations (MCS-07)	√			

2012 MASTER CALENDAR (continued)

2012

September		AQMP	Toxics	Other	Climate Change
1450*	Indirect Sources		√		
October					
1401	New Source Review of Toxic Air Contaminants		√		
1402	Control of Toxic Air Contaminants from Existing Sources		√		
1902	Transportation Conformity	√			
November					
1138	Control of Emissions from Restaurant Operations (BCM-05)	√			
1420	Emissions Standard for Lead		√		
1420.2	Emission Standard for Lead from Medium Lead Emitting Facilities		√		
December					
415	Odors from Rendering Plants			√	
2301	Control of Emissions from New or Redevelopment Projects (EGM-01)	√			

2012 TO-BE DETERMINED

TBD		AQMP	Toxics	Other	Climate Change
102	Definition of Terms			√	
219	Equipment Not Requiring a Written Permit Pursuant to Regulation II			√	
314	Fees for Architectural Coatings			√	
402	Nuisance			√	
461	Gasoline Transfer and Dispensing			√	
463	Storage of Organic Liquids			√	
1178	Further Reductions of VOC Emissions from Storage Tanks at Petroleum Facilities			√	
701	Air Pollution Emergency Contingency Actions			√	

2012 MASTER CALENDAR (continued)

2012 TO-BE DETERMINED

TBD	(continued)	AQMP	Toxics	Other	Climate Change
1106	Marine Coating Operations (MCS-07)	√			
1106.1	Pleasure Craft Coating Operations (MCS-07)	√			
1118	Control of Emissions from Refinery Flares			√	√
1143	Consumer Paint Thinners & Multi-Purpose Solvents			√	
1144	Metalworking Fluids and Direct-Contact Lubricants			√	
1146	Emission of Oxides of Nitrogen from Industrial, Institutional and Commercial Broilers, Steam Generators, and Process Heaters			√	
1146.1	Emissions of Oxides of Nitrogen from Small Industrial Institutional, and Commercial Boilers, Steam Generators and Process Heaters			√	
1147	NOx Reductions from Miscellaneous Sources			√	
1151 ^{*+}	Motor Vehicle and Mobile Equipment Non-Assembly Line Coating Operations			√	
1155	Particulate Matter (PM) Control Devices			√	
1166	Volatile Organic Compound Emissions from Decontamination of Soil			√	
1168	Adhesive and Sealant Applications			√	
1171	Solvent Cleaning Operations			√	
1173	Control of Volatile Organic Compound Leaks and Releases from Components at Petroleum Facilities and Chemical Plants			√	√
1190 Series	Fleet Vehicle Requirements			√	
Reg. XIII	New Source Review			√	

2012 MASTER CALENDAR (continued)

2012 TO-BE DETERMINED

TBD	(continued)	AQMP	Toxics	Other	Climate Change
1469.1	Spraying Operations Using Coatings Containing Chromium		√		
Reg. XX	Regional Clean Air Incentives Market (RECLAIM)			√	
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				√
4010 ^{*+}	General Provisions and Requirements for Ports of Los Angeles and Long Beach (MOB-03)	√	√		
4020 ^{*+}	Backstop Requirements for Ports of Los Angeles and Long Beach (MOB-03)	√	√		
Reg. IV, IX, X, XI, XIV, XX and XXX Rules	Various rule amendments may be needed to meet the requirements of state and federal laws, address variance issues/technology-forcing limits, or to seek additional reductions to meet the SIP short-term measure commitment. The Clean Communities Plan (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. Rule amendments may include updates to provide consistency with CARB Statewide Air Toxic Control Measures.	√	√	√	√

Note: AQMD may add control measures necessary to satisfy federal requirements, to abate a substantial endangerment to public health or welfare, state regulatory requirements or SIP commitment.

ATTACHMENT A

AQMP Rule Activity Schedule

This attachment lists those control measures that are being developed into rules or rule amendments for the Board consideration that are designed to implement the amendments to the 2007 Air Quality Management Plan.

2012

April	
1123	<p>Pilot Program for Refinery Start-up, Shutdown and Turnaround Procedures (MCS-06) <i>[Projected Emission Reduction: N/A]</i> Rule 1123 would implement 2007 AQMP Control Measure MCS-06 by identifying improved operating procedures and best management practices to reduce emissions from start-up, shutdown and turnaround operations. <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Leu (3059)</i></p>
1177 ⁺	<p>Liquid Petroleum Gas Transfer and Dispensing (MCS-07) <i>[Projected Emission Reduction: TBD]</i> Proposed Rule 1177 will establish controls for transfer and dispensing of liquefied propane gas. <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
May	
1107 ⁺	<p>Coating of Metal Parts and Products (MCS-07) <i>[Projected Emission Reduction: TBD]</i> Amendments to Rule 1107 would further reduce VOC emissions and improve rule clarity and enforceability. <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
July.	
1114 ^{*+}	<p>Control of Emissions from Refinery Coking Operations (MCS-07) <i>[Projected Emission Reduction: TBD]</i> Proposed Rule 1114 will establish emission limits and other requirements for the operation of coking units at petroleum refineries. <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
October	
1902	<p>Transportation Conformity <i>[Projected Emission Reduction: TBD]</i> Amendments to Rule 1902 will bring the District's Transportation Conformity rule in line with current U.S. EPA requirements. <i>Carol Gomez 909.396.3264 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>

ATTACHMENT A

AQMP Rule Activity Schedule (continued)

2012

November	
1138	<p>Control of Emissions from Restaurant Operations (BCM-05) <i>[Projected Emission Reduction: 2007 AQMP Commitment of 1.1 tpd PM2.5 reductions by 2014]</i> Rule 1138 currently applies solely to chain-driven charbroilers. PAR 1138 will implement 2007 AQMP Control Measure BCM-05 for the reduction of PM2.5 emissions from under-fired charbroilers. Staff has contracted with UCR CE-CERT for the testing and demonstration of affordable and effective particulate control technologies for under-fired charbroilers. Staff will propose amendments to Rule 1138 based on the results of those studies. <i>Philip Fine 909.396.2239 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
December	
2301	<p>Control of Emissions from New or Redevelopment Projects (EGM-01) <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> 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 a SB 375 requirement has set greenhouse gas emission reduction targets for each Metropolitan Planning Organization (MPO). SCAG’s 2012 RTP/SCS will contain the plan for how these target emission reductions will be met. In light of this development, PR 2301 will be drafted as a backstop/contingency measure to ensure that the co-benefit of VOC, NOx, and PM 2.5 emission reductions from the SCS will meet the 2007 AQMP targets. <i>Carol Gomez 909.396.3264 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>

To-Be Determined 2012

To-Be Determined	
1106	<p>Marine Coating Operations (MCS-07) <i>[Projected Emission Reduction: TBD]</i> Proposed amendments will further reduce VOC emissions from the application of marine coatings. Amendments may also improve clarity and enforceability. <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>

ATTACHMENT A

AQMP Rule Activity Schedule (continued)

To-Be Determined 2012

To-Be Determined	
1106.1	<p>Pleasure Craft Coating Operations (MCS-07) <i>[Projected Emission Reduction: TBD]</i> Amendments to Rule 1106.1 will reduce VOC emissions from the application of coatings to pleasure craft and improve the enforceability and clarity of the rule. <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
4010 ^{*+} 4020 ^{*+}	<p>General Provisions and Requirements for Ports of Los Angeles and Long Beach (MOB-03) Backstop Requirements for Ports of Los Angeles and Long Beach (MOB-03) <i>[Projected Emission Reduction: TBD]</i> The proposed rules will address toxic and criteria pollutant emissions from new and existing port-related sources. <i>Susan Nakamura 909.396.3105 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
Reg. IV, IX, X, XI, XIV, XX and XXX Rules	<p>Various rule amendments may be needed to meet the requirements of state and federal laws, address variance issues/technology-forcing limits, or to seek additional reductions to meet the SIP short-term measure commitment.</p>

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.

2012

March	
1470	<p>Requirements for Stationary Diesel-Fueled Internal Combustion and oOther Compression Ignition Engines <i>[Projected Emission Reduction: TBD]</i> Proposed Amended Rule 1470 was carried over from the October 7, 2011 Governing Board Meeting. CARB has amended the ATCM for stationary diesel-fueled internal combustion engines to reduce particulate emissions from stationary diesel powered agricultural engines that are used for growing crops, raising fowl or other animals at farms, ranches, universities, or other places. <i>Susan Nakamura 909.396.3105 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
September	
1450*	<p>Indirect Sources <i>[Projected Emission Reduction: TBD]</i> Proposed Rule 1450 will identify approaches to reduce localized NOx and air toxic emissions and exposure from facilities associated with large indirect sources (i.e. facilities that attract mobile sources). <i>Susan Nakamura 909.396.3105 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
October	
1401 1402	<p>New Source Review of Toxic Air Contaminants Control of Toxic Air Contaminants from Existing Sources <i>[Projected Emission Reduction: TBD]</i> The Office of Environmental Health Hazard Assessment (OEHHA) periodically reviews the list of toxic compounds and revises or establishes risk values. Rules 1401 and 1402 will be amended to revise the list of TACs. OEHHA is currently revising their risk assessment guidelines and, when adopted, District guidelines will be amended requiring Board approval. In addition, other administrative changes may be proposed. <i>Susan Nakamura 909.396.3105 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
November	
1420 1420.2	<p>Emissions Standard for Lead Emissions Standard for Lead from Medium Lead Emitting Facilities <i>[Projected Emission Reduction: TBD]</i> 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. <i>Susan Nakamura 909.396.3105 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>

ATTACHMENT B

Toxics Rule Activity Schedule (continued)

To-Be Determined 2012

To-Be Determined	
1469.1	<p>Spraying Operations Using Coatings Containing Chromium <i>[Projected Emission Reduction: TBD]</i> Staff will evaluate opportunities for reducing chrome emissions from various spray coating operations. <i>Susan Nakamura 909.396.3105 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
4010 ^{*+} 4020 ^{*+}	<p>General Provisions and Requirements for Ports of Los Angeles and Long Beach (MOB-03) Backstop Requirements for Ports of Los Angeles and Long Beach (MOB-03) <i>[Projected Emission Reduction: TBD]</i> The proposed rules will address toxic and criteria pollutant emissions from new and existing port-related sources. <i>Susan Nakamura 909.396.3105 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
Reg. IV, IX, X, XI, XIV, XX and XXX Rules	<p>Various rule amendments may be needed to meet the requirements of state and federal laws, address variance issues/technology-forcing limits. Rule amendments may include updates to provide consistency with CARB Statewide Air Toxic Control Measures.</p>

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.

2012

March	
218.1	<p>Continuous Emission Monitoring Performance Specifications <i>[Projected Emission Reduction: N/A]</i> Rule amendments to 218.1 may be necessary to streamline equipment calibration provisions of the rule. <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
May	
Reg. III	<p>Fees <i>[Projected Emission Reduction: N/A]</i> Amendments to the fee rules may be necessary to implement FY 2012-13 AQMD Budget. <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
1110.2 ^{*+}	<p>Emissions from Gaseous- and Liquid-Fueled Engines <i>[Projected Emission Reduction: TBD]</i> Amendments to Rule 1110.2 are proposed to address the impacts of contaminants in biogas used to fuel power generators at landfills and municipal waste facilities. The amendments may result in a delay or loss of emissions reductions. <i>Joe Cassmassi 909.396.3155 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
June	
222	<p>Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II <i>[Projected Emission Reduction: N/A]</i> Staff will evaluate currently permitted equipment with very low emissions and consider incorporating into the Rule 222 Filing Program. In addition, staff will evaluate other equipment currently exempt from permits, but subject to source-specific rules, for inclusion into Rule 222 Filing Program. <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
December	
415	<p>Odors from Rendering Plants <i>[Projected Emission Reduction: TBD]</i> As part of the implementation of the 2010 Clean Communities Plan, staff is examining odor control techniques for rendering facilities and may propose a new regulation based on the staff analysis. <i>Susan Nakamura 909.396.3105 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>

ATTACHMENT C

Other Rule Activity Schedule (continued)

To-Be Determined 2012

To-Be Determined	
102	<p>Definition of Terms <i>[Projected Emission Reduction: N/A]</i> Proposed amendments to Rule 102 may be necessary to include compounds exempted by the U.S. EPA with consideration for health risks as defined by the Office of Environmental Health Hazard Assessment (OEHHA). <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
219	<p>Equipment Not Requiring a Written Permit Pursuant to Regulation II <i>[Projected Emission Reduction: N/A]</i> Staff will consider exempting low-emitting processes/equipment that require written permits, and include them under the Rule 222 Filing Program, thus streamlining the permitting process and reducing the cost for facilities and clarify permitting requirements for several other processes. <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
314	<p>Fees of Architectural Coatings <i>[Projected Emission Reduction: TBD]</i> The proposed amendments would improve clarity and reporting requirements as well as consider an exemption from fees for small manufacturers. <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
402	<p>Nuisance <i>[Projected Emission Reduction: TBD]</i> The AQMD staff will assess the feasibility of expanding the current nuisance rule as part of a proposed measure in the draft Clean Communities Plan (CCP). The assessment may result in a recommendation to amend Rule 402 to make it more effective and more responsive to public complaints. <i>Susan Nakamura 909.396.3105 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
461	<p>Gasoline Transfer and Dispensing <i>[Projected Emission Reduction: TBD]</i> Proposed amendments to Rule 461 will explore the feasibility of further reducing VOC and toxic emissions from gasoline dispensing facilities by improving implementation of the Enhanced Vapor Recovery Regulation. <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>

ATTACHMENT C

Other Rule Activity Schedule (continued)

To-Be Determined 2012

To-Be Determined	(continued)
463 1178	<p>Storage of Organic Liquids</p> <p>Further Reductions of VOC Emissions from Storage Tanks at Petroleum Facilities <i>[Projected Emission Reduction: TBD]</i> Staff will evaluate the opportunity of harmonizing the two rules into one and be prepared to address any stakeholder feedback in response to recent amendments to Rule 463. <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
701	<p>Air Pollution Emergency Contingency Actions <i>[Projected Emission Reduction: N/A]</i> Proposed amendments to Rule 701 will update air quality standards and episode criteria. <i>Joe Cassmassi 909.396.3155 909.396.3155 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
1118	<p>Control of Emissions from Refinery Flares <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 and to consider the advances in monitoring technology. Amendments may also be necessary to implement an AB 32 measure. <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
1143	<p>Consumer Paint Thinners & Multi-Purpose Solvents <i>[Projected Emission Reduction: N/A]</i> Proposed amendments may be necessary for further clarification and possible exemptions. <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
1144	<p>Metalworking Fluids and Direct-Contact Lubricants <i>[Projected Emission Reduction: N/A]</i> Proposed amendments may be necessary to incorporate results from on-going technology assessments for specific facilities. <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
1146	<p>Emission of Oxides of Nitrogen from Industrial, Institutional and Commercial Broilers, Steam Generators, and Process Heaters <i>[Projected Emission Reduction: unknown]</i> Proposed amendments will address expected U.S. EPA comments on compliance issues. <i>Joe Cassmassi 909.396.3155 909.396.3155 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>

ATTACHMENT C

Other Rule Activity Schedule (continued)

To-Be Determined 2012

To-Be Determined	(continued)
1146.1	<p>Emissions of Oxides of Nitrogen from Small Industrial Institutional, and Commercial Boilers, Steam Generators and Process Heaters <i>[Projected Emission Reduction: unknown]</i> Proposed amendments will address expected U.S. EPA comments on compliance issues. <i>Joe Cassmassi 909.396.3155 909.396.3155 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
1147	<p>NOx Reductions from Miscellaneous Sources <i>[Projected Emission Reduction: N/A]</i> Proposed amendments will provide ongoing staff reports to committee relative to impacts to less than 1-tone-per-day sources. <i>Joe Cassmassi 909.396.3155 909.396.3155 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
1151 ^{*+}	<p>Motor Vehicle and Mobile Equipment Non-Assembly Line Coating Operations <i>[Projected Emission Reduction: N/A]</i> Amendments to the rule may be necessary to reflect further findings relative to recordkeeping requirements for tertiary butyl acetate (TBAC). <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
1155	<p>Particulate Matter (PM) Control Devices <i>[Projected Emission Reduction: TBD]</i> With the implementation Rule 1155, amendments may be necessary to address the potential exemption of small PM emitters to minimize adverse impacts of the rule requirements where there is no real impact on visible emissions. <i>Philip Fine 909.396.2239 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
1166	<p>Volatile Organic Compound Emissions from Decontamination of Soil <i>[Projected Emission Reduction: N/A]</i> Amendments to Rule 1166 may be necessary to clarify certain elements of the rule. <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
1168	<p>Adhesive and Sealant Applications <i>[Projected Emission Reduction: N/A]</i> Amendments to Rule 1168 may be necessary to reflect improvements in adhesive and sealants technology. <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
1171	<p>Solvent Cleaning Operations <i>[Projected Emission Reduction: N/A]</i> The proposed amendment may consider technology assessments for the cleanup of affected equipment. <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>

ATTACHMENT C

Other Rule Activity Schedule (continued)

To-Be Determined 2012

To-Be Determined	
1173	<p>Control of Volatile Organic Compound Leaks and Releases from Components at Petroleum Facilities and Chemical Plants <i>[Projected Emission Reduction: TBD]</i> Amendment to Rule 1173 may be necessary to address greenhouse gas emissions from petroleum facilities and chemical plants and clarify other provisions of the rule. <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
1190 Series	<p>Fleet Vehicle Requirements <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: Smith (3054) Socio: Lieu (3059)</i></p>
Reg. XIII	<p>New Source Review <i>[Projected Emission Reduction: TBD]</i> Proposed amendments will address U.S. EPA comments on SIP approvability issues and/or requirements that may result from U.S. EPA amendments, legislation or CARB requirements. Amendments may also be proposed for clarity and improved enforceability. <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
Reg. XX	<p>Regional Clean Air Incentives Market (RECLAIM) <i>[Projected Emission Reduction: N/A]</i> Staff will explore opportunities to improve the administrative efficiency of the program. <i>Joe Cassmassi 909.396.3155 909.396.3155 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
2511	<p>Credit Generation Program for Locomotive Head End Power Unit Engines <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>Randal Pasek 909.396.2251 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
2512	<p>Credit Generation Program for Ocean-Going Vessels at Berth <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>Randal Pasek 909.396.2251 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>

ATTACHMENT C

Other Rule Activity Schedule (continued)

To-Be Determined 2012

To-Be Determined	
Reg. IV, IX, X, XI, XIV, XX and XXX Rules	Various rule amendments may be needed to meet the requirements of state and federal laws, address variance issues/technology-forcing limits.

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 2012

To-Be Determined	
1118	<p>Control of Emissions from Refinery Flares <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>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
1173	<p>Control of Volatile Organic Compound Leaks and Releases from Components at Petroleum Facilities and Chemical Plants <i>[Projected Emission Reduction: TBD]</i> Amendment to Rule 1173 may be necessary to address greenhouse gas emissions from petroleum facilities and chemical plants and clarify other provisions of the rule. <i>Naveen Berry 909.396.2363 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
Reg. XXVII	<p>Climate Change <i>[Projected Emission Reduction: TBD]</i> Additional protocols may be added to Rules 2701 and 2702. <i>Philip Fine 909.396.2239 CEQA: Smith (3054) Socio: Lieu (3059)</i></p>
Reg. IV, IX, X, XI, XIV, XX and XXX Rules	<p>Various rule amendments may be needed to meet the requirements of state and federal laws address variance issues/technology-forcing limits.</p>