

**APPENDIX F: Revisions to 2007 PM2.5 and Ozone State Implementation Plan for South Coast Air Basin and Coachella Valley, March 2011**

**Revisions to 2007 PM<sub>2.5</sub> and Ozone State  
Implementation Plan for South Coast Air  
Basin and Coachella Valley**

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**March 2011**

# Revisions to PM2.5 and Ozone State Implementation Plan for South Coast Air Basin and Coachella Valley

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## Executive Summary

This State Implementation Plan (SIP) revision updates the implementation status of the AQMD control measures to meet the 2015 PM2.5 attainment, and includes revisions to the control measure adoption schedule and modifications to the emissions reduction commitment to reflect changes made to the inventory resulting from CARB's December 2010 revisions to the on-road truck and off road equipment rules. The SIP revision provided addresses key elements in U.S. Environmental Protection Agency's (U.S. EPA) proposed partial approval and partial disapproval of the 2007 PM2.5 SIP for the South Coast Air Basin (Basin). The SIP revision retains the AQMD's proposal for contingency measures and also references and relies on CARB's proposed contingency measures that rely on reductions achieved through adopted rules that go beyond the RFP requirement. In addition, the SIP revision re-initiates its request that U.S. EPA voluntarily accept reduction responsibility for 10 TPD NOx emissions in 2014 for federal sources in the 2007 SIP, but provides a commitment to obtain a "fair share" additional 1 TPD NOx reductions in 2014 should U.S. EPA reject this request. Staff expects CARB to commit to its "fair share" of 9 TPD NOx reductions if necessary. AQMD is committing to provide 1.0 TPD NOx emissions reductions in the event that the backstop proposal becomes necessary.

## Background

On November 22, 2010 U.S. EPA issued a notice of proposed partial approval and partial disapproval of the 2007 South Coast State Implementation Plan (SIP) for the 1997 Fine Particulate Matter Standards and the corresponding 2007 State Strategy. U.S. EPA proposed to approve the plan's inventory and regional modeling analyses; however it proposed to disapprove the attainment demonstration because it relies too extensively on commitments to emissions reductions in lieu of fully adopted and submitted rules. While the District has adopted enforceable rules that achieve more than 90 percent of its SIP emissions reductions commitment, the State Strategy and the recent actions to modify the on- and off-road emissions from heavy duty vehicles have not achieved the same percentage or been submitted to U.S. EPA as part of the SIP commitment. The notice also cited deficiencies in the SIP's contingency measures specifying the need for measures that are either fully adopted or otherwise ready for quick implementation and a trigger mechanism that achieves emissions reduction equivalent to one year of RFP. In addition, U.S. EPA affirmed that it would not accept the Plan's assignment of 10 tons per day (TPD) NOx emissions reductions to EPA as a contributing factor to its decision.

## **Revisions to PM2.5 and Ozone State Implementation Plan for South Coast Air Basin and Coachella Valley**

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### **2007 AQMP and State Strategy Commitments**

The 2007 Air Quality Management Plan was adopted by the SCAQMD Governing Board at its June 22, 2007 meeting and forwarded to CARB for inclusion in the SIP. The California Air Resources Board adopted the SIP, and the State Strategy for emissions reductions to meet the 2015 PM2.5 standard at its September 27, 2007 meeting. The two components of the SIP were submitted to U.S. EPA on November 16, 2007 for approval. As part of its share, the 2007 AQMP committed the District to reduce 18.8 TPD NO<sub>x</sub>, 10 TPD VOC, 2.9 TPD SO<sub>x</sub> and 2.9 TPD PM2.5 by 2014 of the needed emissions reductions to demonstrate attainment.

### **Update of the 2007 AQMP Implementation Status**

The SCAQMD has fulfilled the overwhelming majority of its emissions reductions commitments specified in the 2007 SIP. Table-1 summarizes the progress achieved toward fulfilling SCAQMD's emissions reductions commitments to attain the 1997 PM2.5 annual and federal 8-hour ozone standards by the required dates. Through January 31, 2011, the SCAQMD Governing Board has amended and adopted 13 rules achieving approximately 96 percent of the District's SIP commitment outlined in the 2007 AQMP. The majority of these rules have been submitted to U.S. EPA and approved as part of the SIP. Several recently adopted District rules have been submitted to CARB to be submitted to and subsequently be evaluated by U.S. EPA.

The 96 percent achievement rate of the District's SIP commitment outlined in the 2007 AQMP represents the balance of emissions reductions achieved by calculating the relative contributions of VOC, NO<sub>x</sub>, PM2.5, and SO<sub>x</sub> based on PM2.5 formation potential. As summarized in CARB's staff report Proposed 2007 State Implementation Plan for the South Coast Air Basin – PM2.5 Annual and 8-Hour Average Ozone National Ambient Air Quality Standards (Appendix C, Tables-2 and -3) the relative contribution of the PM2.5 precursor emissions can be normalized to provide equivalent formation potential on a ton per day (TPD) basis. The common methodology chosen to express the formation potential is as equivalent NO<sub>x</sub> emissions reductions whereby 1-TPD VOC reduction is equivalent to 0.43 TPD NO<sub>x</sub>, 1-TPD directly emitted PM2.5 is equivalent to 9.86 TPD NO<sub>x</sub>, and 1-TPD SO<sub>x</sub> is equivalent to 15.03 TPD NO<sub>x</sub>. By applying these factors to the 2007 AQMP PM2.5 SIP the District committed to 87.43 TPD equivalent NO<sub>x</sub> reductions and through January, 2011 has achieved 83.89 TPD equivalent NO<sub>x</sub> reductions. If the balance were to be met by NO<sub>x</sub> alone, they are equivalent to 3.53 TPD of NO<sub>x</sub>. Similarly, they can be met by 0.36 TPD of PM2.5 or 0.24 TPD of SO<sub>x</sub>, based

## **Revisions to PM2.5 and Ozone State Implementation Plan for South Coast Air Basin and Coachella Valley**

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on each pollutant's effectiveness in PM2.5 formation. The District will continue to pursue further reductions of each of these pollutants.

Tables 2 through Table 5 summarize the implementation status of each SCAQMD control measure with reductions attained vs. original SIP commitments. As stated in Chapter 4 of the 2007 AQMP (p. 4-2), substitution is allowed between measures to meet the overall SIP tonnage commitment. Table 2 through Table 5 note where such substitution occurs.

### **Revisions to Reduction Commitment**

In Table 3, the 2014 emissions reduction commitment for the SOON Program has been revised from 12 TPD NOx reduction to 4 TPD to reflect ARB's update of the off-road emissions inventory in December 2010. The revised off-road inventory due to better information on equipment population, load factor, and expected activity level has resulted in lower baseline emissions. In other words, some of the reductions expected from this measure have already occurred due to reductions in the baseline inventory. Although SCAQMD's funding commitment and percent control efficiency for the SOON program remain the same, the expected reductions due to this measure are lowered from 12 TPD to 4 TPD. This change does not result in higher emissions in the air. Should the economy recover to the levels projected in the 2007 SIP by 2014, the expected reductions can reach 8 TPD.

### **Revisions to Implementation Schedule**

A limited number of revisions to the 2014 implementation dates are proposed in Tables 2 through 5. Control measure EGM-01 rule adoption moves from 2010 to 2012 with full implementation for 2023. Control measure BCM-05 rule adoption is moved from 2010 to 2011-2012.

### **Requirements for Contingency Measures**

The CAA requires that non-attainment area SIPs contain sufficient contingency measures such that upon implementation of those measures additional emissions reduction of up to 3 percent of the emissions in the adjusted base year would be achieved in the year following the year where the failure to meet milestone emission reduction targets or attain the NAAQS was observed. The CAA requires that the contingency measures be fully adopted or otherwise ready for quick implementation, with a trigger mechanism and implementation schedule that quantifies emissions reductions.

## **Revisions to PM2.5 and Ozone State Implementation Plan for South Coast Air Basin and Coachella Valley**

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The Final 2007 AQMP contained four contingency control measures (2007 AQMP, Table 9-1) to address the requirements of the CAA. The contingency control measures will be retained with a trigger for implementation of non-attainment of the PM2.5 standard by 2015.

As a practical matter, all feasible measures, to adopt as rules, are already included as 2007 AQMP main control strategy measures and thus are not available for use as contingency measures. However, U.S. EPA may continue to conclude that this is not sufficiently quick implementation. Therefore, the AQMD would also rely on implementation of CARB's contingency measures for the 2007 SIP as a whole, which are already adopted.

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### **Federal Measures Assignment**

A final key element in the notice of disapproval was the U.S. EPA's rejection of the SIP's assignment to EPA of 10 TPD NOx emissions reductions. The U.S. EPA cited that the CAA does not authorize a State to assign responsibility to the federal government for meeting SIP requirements. U.S. EPA did however recognize that the authority and responsibility to regulate certain nationwide sources is within its jurisdiction. The control measure in question requested federal funding to mitigate locomotive emissions. The sources in question would be those less well controlled than California regulated sources and the measure would be implemented to acquire equivalent emissions reduction to those estimated if Tier 4 NOx locomotive engine standards were enforceable in 2014.

SCAQMD understands that U.S. EPA's position is that a state may not, under the current Clean Air Act structure, unilaterally assign any portion of the SIP responsibility to U.S. EPA. However, we do not believe there is any prohibition on U.S. EPA voluntarily accepting such a responsibility. In this case it is only fair to do so, given the large percentage of remaining PM2.5 precursor emissions, after implementation of SCAQMD and CARB measures that is attributable to federally-regulated sources.

Should U.S. EPA continue to not accept assignment for this measure, SCAQMD will work with CARB to modify or develop control measures that commit equivalent emissions reductions to assure PM2.5 attainment to the extent needed. As part of its "fair share" the AQMD is committing an additional 1 TPD NOx emissions reduction in 2014 with ARB assuming the bulk of the federal assignment.

**Revisions to PM2.5 and Ozone State Implementation Plan for South Coast Air Basin and Coachella Valley**

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**Table-1**  
 SCAQMD PM2.5 SIP Implementation Status  
 for the 2007 AQMP (TPD)

Pollutant	SIP Commitment by 2014		
	Commitment	Achieved	Balance*
VOC	10.40	14.40	+4.00
NOx	10.80	7.60	-3.20
PM2.5	2.90	1.00	-1.90
SOx	2.90	4.01	+1.11

\* If the balance for each pollutant were converted to NOx-equivalent values, the remaining tons required to be obtained would be 3.53 TPD NOx, which are still scheduled to be obtained by 2014 in NOx-equivalent reductions. Or, they can be met by 0.36 TPD of PM2.5 or 0.24 TPD of SOx, based on each pollutant's effectiveness in PM2.5 formation. The District will continue to pursue further reductions of each of these pollutants.

**Table-2**

**2007 AQMP Emission Reduction Commitment by Measure/Adoption Date (VOC)<sup>1</sup>**

Control Measure #	Control Measure Title	Adoption Date		Implementation Date		2014 Reductions (TPD)		2023 Reductions (TPD)	
		Commitment	Achieved	Commitment	Achieved	Commitment	Achieved	Commitment	Achieved
MOB-05	AB923 Light-Duty Vehicle High-Emitter Identification Program [NOx, VOC] <sup>(a)(b)</sup>	On-going	On-going	2007-2020	On-going	0.8	0	0.7	0
<b>2007 Total</b>									
FLX-02	Petroleum Refinery Pilot Program [VOC and PM2.5]	2008	(a)	2010		0.7	0	1.6	0
CTS-01	Emission Reductions from Lubricants [VOC][R1144]	2008	2009	2010	2011	1.9	3.9	2.0	4.2
MOB-06	AB923 Medium-Duty Vehicle High-Emitter Identification Program [NOx, VOC] <sup>(a)(b)</sup>	2008	On-going	2010-2020	On-going	0.5	0	0.6	0
FUG-04	Pipeline and Storage Tank Degassing[VOC]- R1149	2007	2008	2008-2009	2008	NA	0.04	NA	0.04
BCM-03	Emission Reductions from Wood Burning Fireplaces and Wood Stoves [All]	2007-2008	2008	2008-2014	2008-2014	NA	0.44	NA	0.70
MCS-07	All Feasible Measures (R1125)	On-going	2008	2010-2020	2008	NA	0	NA	0
<b>2008 Total</b>									
FUG-02	Emission Reductions from Gasoline Transfer and Dispensing Facilities [VOC]	2009	(c)	2010-2012		3.7	0	4.0	0
MCS-05	Emission Reductions from Livestock Waste [VOC]	2009	(a)	2011		0.8	0	0.6	0.00
EGM-01	Emission Reductions from New or Redevelopment Projects [NOx, VOC, PM2.5] <sup>(d)</sup>	2012		Beginning 2014		N/A	0	0.5	0
<b>2009 Total</b>									
						4.5	0.0	5.1	0.0

Revisions to PM2.5 and Ozone State Implementation Plan for South Coast Air Basin and Coachella Valley

Table-2 Continued

2007 AQMP Emission Reduction Commitment by Measure/Adoption Date (VOC) continued

Control Measure #	Control Measure Title	Adoption Date		Implementation Date		2014 Reductions (TPD)		2023 Reductions (TPD)	
		Commitment	Achieved	Commitment	Achieved	Commitment	Achieved	Commitment	Achieved
MCS-01*	Facility Modernization [NOx, VOC, PM]-R1110.2 <sup>(a)</sup> (e)	On-going	2008+	Beginning 2012	2011+	2.0	0.3	9.2	0.3
CTS-03	Consumer Products Certification and Emissions Reductions from Use of Consumer Products at Institutional and Commercial Facilities [VOC] <sup>(f)</sup>	2007-2010		2010-2020		NA	0	NA	0
CTS-04	Emission Reductions from the Reduction of VOC Content of Consumer Products not Regulated by the State Board [VOC][R1143] <sup>(g)</sup>	2008-2010	2009	2010-2020	2011	NA	9.7	NA	10.1
2010 Total						2.0	10.0	9.2	10.4
Total SIP Commitment						10.2	14.1	17.9	5.5

<sup>1</sup> 2014 reductions estimated in average annual day, 2023 in planning inventory.

<sup>(a)</sup> SIP commitment for the PM2.5 Plan was met via excess reductions achieved from CTS-04 (R1143).

<sup>(b)</sup> The SOON and AB923 incentive programs are on track to achieve the targeted reductions by 2014.

<sup>(c)</sup> AQMD lacks legal authority to adopt the control concept in the measure. SIP reduction commitment was met via excess reductions achieved from the CTS-04 (R1143).

<sup>(d)</sup> No SIP emission reduction commitment for the PM2.5 Plan. Rulemaking is delayed due to potential co-benefits of SB375 reduction targets.

<sup>(e)</sup> AQMD will continue to implement this measure to meet the overall SIP reduction commitment for 2023.

<sup>(f)</sup> CTS-03 was adopted by CARB in November 2010. Emission Reductions from CTS-04 are not included in AQMD's SIP commitments and there is no double counting in emission reductions relative to CARB regulations.

\* NOx emission reductions taken in 2008; PM emission reductions taken in 2009; VOC emission reductions taken in 2010.

NA: Not applicable, no SIP Reductions quantified in the 2007 AQMP.

Revisions to PM2.5 and Ozone State Implementation Plan for South Coast Air Basin and Coachella Valley

Table-3

2007 AQMP Emission Reduction Commitment by Measure/Adoption Date (NOx)<sup>1</sup>

Control Measure #	Control Measure Title	Adoption Date		Implementation Date		2014 Reductions (TPD)		2023 Reductions (TPD)	
		Commitment	Achieved	Commitment	Achieved	Commitment	Achieved	Commitment	Achieved
MOB-05	AB923 Light-Duty Vehicle High-Emitter Identification Program [NOx, VOC] <sup>(a)</sup>	On-going	On-going	2007-2020	On-going	0.4	0	0.4	0
<b>2007 Total</b>						<b>0.4</b>	<b>0</b>	<b>0.4</b>	<b>0</b>
CMB-01	NOx Reduction from Non-RECLAIM Ovens, Dryers and Furnaces [NOx][R1147]	2008	2008	Beginning 2010	2010	3.5	3.5	4.1	4.1
MOB-06	AB923 Medium-Duty Vehicle High-Emitter Identification Program [NOx, VOC] <sup>(a)</sup>	2008	On-going	2010-2020	On-going	0.5	0	0.6	0
MCS-01*	Facility Modernization [NOx, VOC, PM]-R1110.2, PR1146, PR1146.1	2008-2010	2008+	Beginning 2012	2011	1.6	2.17	2.2	3.15
BCM-03	Emission Reductions from Wood Burning Fireplaces and Wood Stoves [All][R445]	2007-2008	2008	2008-2014	2008-2014	NA	0.06	NA	0.10
	SOON Program <sup>(a)(b)</sup>	2008	2008	2014	2008-2014	4-8	1.8	NA	NA
<b>2008 Total</b>						<b>9.6</b>	<b>7.5</b>	<b>6.9</b>	<b>7.5</b>
CMB-03	Further NOx Reductions from Space Heaters [NOx]	2009	2009	Beginning 2012	2012-2043	0.8	0.1	1.1	3.0
EGM-01	Emission Reductions from New or Redevelopment Projects [NOx, VOC, PM2.5] <sup>(c)</sup>	2012		Beginning 2014		0		0.8	
<b>2009 Total</b>						<b>0.8</b>	<b>0.1</b>	<b>1.9</b>	<b>3.0</b>
<b>Total SIP Commitment<sup>(d)(e)</sup></b>						<b>10.8</b>	<b>7.6</b>	<b>9.2</b>	<b>10.5</b>

<sup>1</sup> 2014 reductions estimated in average annual day, 2023 in planning inventory.

<sup>(a)</sup> The SOON and AB923 incentive programs are on track to achieve the targeted reductions by 2014.

<sup>(b)</sup> A revised SIP commitment of 4 TPD reflects ARB's update on the off-road emissions inventory in December 2010 and maintains the same control efficiency.

The upper range of 8 TPD excludes the impact of recession.

<sup>(c)</sup> No SIP emission reduction commitment for the PM2.5 Plan. Rulemaking is delayed due to potential co-benefits of SB375 reduction targets.

<sup>(d)</sup> The SIP shortfall for the 2014 reduction commitment was met via excess reductions achieved from the SOx RECLAIM amendments (CMB-02).

<sup>(e)</sup> AQMD commits an additional 1 TPD of NOx, if necessary, as a backstop measure should U.S. EPA not voluntarily accept responsibility for federal sources in the 2007 SIP.

\* NOx emission reductions taken in 2008; PM emission reductions taken in 2009; VOC emission reductions taken in 2010.

NA: Not applicable, no SIP Reductions quantified in the 2007 AQMP.

# Revisions to PM2.5 and Ozone State Implementation Plan for South Coast Air Basin and Coachella Valley

## Table-4

### 2007 AQMP Emission Reduction Commitment by Measure/Adoption Date (PM2.5)

Control Measure #	Control Measure Title	Adoption Date		Implementation Date		2014 Reductions (TPD)		2023 Reductions (TPD)	
		Commitment	Achieved	Commitment	Achieved	Commitment	Achieved	Commitment	Achieved
BCM-03	Emission Reductions from Wood Burning Fireplaces and Wood Stoves [PM2.5]	2007-2008	2008	2008-2014	2008-2014	1.0	1.0	1.6	1.6
FLX-02	Petroleum Refinery Pilot Program [VOC and PM2.5] <sup>(a)</sup>	2008		2010		0.4		0.4	
<b>2009 Total</b>									
EGM-01	Emission Reductions from New or Redevelopment Projects [NOx, VOC, PM2.5] <sup>(b)</sup>	2012		Beginning 2014				0.5	
MCS-01*	Facility Modernization [NOx, VOC, PM] <sup>(a)(c)</sup>	On-going		Beginning 2012		0.4		1.7	
<b>2009 Total</b>									
BCM-05	PM Emission Reductions from Under-fired Charbroilers [PM2.5] <sup>(d)</sup>	2011-2012		2014		1.1		1.2	
<b>2010 Total</b>									
<b>Total SIP</b>									

<sup>(a)</sup> Reduction commitment for the PM2.5 SIP was met via excess reductions achieved from the 2010 SOx RECLAIM amendments.

<sup>(b)</sup> No SIP emission reduction commitment for the PM2.5 Plan. Rulemaking is delayed due to potential co-benefits of SB375 reduction targets.

<sup>(c)</sup> R1155 was adopted as part of MCS-01 implementation in 2010, but PM2.5 reduction potential cannot be quantified. AQMD will continue to seek opportunities to further implement this measure.

<sup>(d)</sup> Reduction commitment for the PM2.5 SIP was met via excess reductions achieved from the 2010 SOx RECLAIM amendments (CMB-02) and VOC reductions from CTS-03. The rulemaking will entail two phases with control equipment testing, certification, and deployment in 2011 and development of regulatory requirements in 2012.

\* NOx emission reductions taken in 2008; PM emission reductions taken in 2009; VOC emission reductions taken in 2010.

NA: Not applicable, no SIP Reductions quantified in the 2007 AQMP.

Revisions to PM2.5 and Ozone State Implementation Plan for South Coast Air Basin and Coachella Valley

Table-5

2007 AQMP Emission Reduction Commitment by Measure/Adoption Date (SOx)

Control Measure #	Control Measure Title	Adoption Date		Implementation Date		2014 Reductions (TPD)		2023 Reductions (TPD)	
		Commitment	Achieved	Commitment	Achieved	Commitment	Achieved	Commitment	Achieved
CMB-02	Further SOx Reductions for RECLAIM (BARCT) [SOx]	2008	2010	2011-2014	2013-2019	2.9	4.0	2.9	5.7
BCM-03	Emission Reductions from Wood Burning Fireplaces and Wood Stoves [All]	2007-2008	2008	2008-2014	2008-2014	NA	0.01	NA	0.02
2008 Total						2.9	4.01	2.9	5.7
2009 Total									
2010 Total									
Total SIP						2.9	4.01	2.9	5.7

NA: Not applicable, no SIP Reductions quantified in the 2007 AQMP.

**RESOLUTION NO. 11-9**

A Resolution of the South Coast Air Quality Management District Governing Board (AQMD) certifying the Addendum to Final Program Environmental Impact Report (PEIR) for the 2007 Air Quality Management Plan (AQMP) for a revision to the Final 2007 AQMP, to be referred to after adoption as the Revision to the Final 2007 AQMP.

A Resolution of the Governing Board of the AQMD adopting the Revision to the Final 2007 AQMP.

**WHEREAS**, the U.S. EPA promulgated 8-hour ozone and PM2.5 standards in 1997, followed up by implementation rules which set forth the classification and planning requirements for State Implementation Plans (SIP); and

**WHEREAS**, the federal Clean Air Act requires SIPs for regions not in attainment with the 8-hour ozone and fine particulate standards be submitted no later than 3-years after the standards became effective, whereby, SIPs for the South Coast Air Basin and Coachella Valley must have been submitted for 8-hour ozone and PM2.5 by June 15, 2007 and April 5, 2008, respectively; and

**WHEREAS**, the South Coast Air Quality Management District has jurisdiction over the South Coast Air Basin and the desert portion of Riverside County known as the Coachella Valley; and

**WHEREAS**, the South Coast Air Quality Management District is committed to comply with the requirements of the federal Clean Air Act; and

**WHEREAS**, the AQMD Governing Board finds and determines that the Revision to the Final 2007 AQMP, is considered a "project" pursuant to the California Environmental Quality Act (CEQA); and

**WHEREAS**, AQMD staff has reviewed the Revision to the Final 2007 AQMP and has concluded that the proposed project would result in no significant adverse environmental impacts; and

**WHEREAS**, AQMD staff has concluded that none of the modifications to the 2007 AQMP alter any of the conclusions reached in the Final PEIR for the 2007 AQMP and only minor technical changes or additions to the Final PEIR for the 2007 AQMP are necessary and none of the conditions in CEQA Guidelines §15162 apply so, an Addendum to the 2007 AQMP Final PEIR is the appropriate CEQA document (CEQA Guidelines §15164); and

WHEREAS, an Addendum to a previously certified EIR need not be circulated for public review and comment (CEQA Guidelines §15164(c), but is attached herein to the Final PEIR for the 2007 AQMP; and

WHEREAS, the Governing Board shall consider the Addendum with the Final PEIR for the 2007 AQMP prior to making a decision on the proposed project; and

WHEREAS, it is necessary that the adequacy of the Addendum to the Final PEIR for the 2007 AQMP be determined by the AQMD Governing Board prior to its certification; and

WHEREAS, the Governing Board prior to voting on the Proposed Revision to the Final 2007 AQMP, has reviewed and considered the Addendum with the Final PEIR for the 2007 AQMP; and

WHEREAS, the South Coast Air Quality Management District Governing Board, adopted the 2007 AQMP dated June 1, 2007 consisting of the document entitled 2007 AQMP as amended by the final changes set forth by the South Coast Air Quality Management District Governing Board and the associated documents listed in Attachment 1 to the Resolution from June 2007, the Final Socioeconomic Report for the 2007 AQMP; the Final Program EIR for the 2007 AQMP, and the Statements of Findings and Overriding Considerations and Mitigation Monitoring Plan; and

WHEREAS, the Resolution, the 2007 AQMP as amended by the final changes (including all documents listed in Attachment 1 to the Resolution from June 2007), the emissions budgets as incorporated in the 2007 AQMP, and the Final Program Environmental Impact Report on the 2007 AQMP was forwarded to and adopted by CARB, and the Board Resolution requested that the 2007 AQMP be forwarded to the U.S. EPA for approval as part of the State Implementation Plan which CARB subsequently did; and

WHEREAS, on November 22, 2010, U.S. EPA published its notice of proposed partial approval and partial disapproval of the 2007 Air Quality Management Plan (AQMP) PM2.5 Plan primarily because the attainment demonstration relies too heavily (i.e. greater than 10 percent) on emissions reductions from several State rules that have not been finalized or submitted to U.S. EPA for approval; and

**WHEREAS**, the 2011 revision to the 2007 PM2.5 and ozone SIP addresses the key elements of the proposed disapproval; and

**WHEREAS**, the 2011 revision to the 2007 PM2.5 and ozone SIP updates the implementation status of the AQMP control measures to meet the 2015 PM2.5 attainment; and

**WHEREAS**, the 2011 revision to the 2007 PM2.5 and ozone SIP retains the AQMD's proposal for contingency measures and also references and relies on CARB's proposed contingency measures; and

**WHEREAS**, the 2011 revision to the 2007 PM2.5 and ozone SIP re-initiates the request that U.S. EPA voluntarily accept reduction responsibility for 10 TPD NOx emissions in 2014 but will propose that AQMD and CARB jointly provide a "fair share" backstop emissions reduction proposal and includes the AQMD's commitment to obtain an additional 1 TPD NOx, if necessary; and

**WHEREAS**, the 2007 AQMP, as revised by the 2011 revision, includes every feasible measure and an expeditious adoption schedule; and

**WHEREAS**, significant emission reductions must be achieved from sources under state and federal jurisdiction for the South Coast Air Basin to attain the federal air quality standards; and

**WHEREAS**, said emission reduction programs have effectively improved air quality in the South Coast Air Basin for particulate matter less than 2.5 microns in diameter (PM2.5) and for 8-hr ozone; and

**NOW, THEREFORE, BE IT RESOLVED**, that the South Coast Air Quality Management District Governing Board hereby certifies that the Addendum to the Final Program Environmental Impact Report for the 2007 AQMP has been completed in compliance with the requirements of CEQA and finds that the Addendum to the Final Program Environmental Impact Report for the 2007 AQMP, is adequate and thereby approves it.

**BE IT FURTHER RESOLVED**, that because no significant adverse environmental impacts were identified as a result of implementing the Revisions to the 2007 PM2.5 and Ozone SIP, Findings, a Statement of Overriding Considerations, and a Mitigation Monitoring Plan are not required.

**BE IT FURTHER RESOLVED**, that the South Coast Air Quality Management District Governing Board hereby approves the 2011 Revisions to the 2007 PM2.5 and Ozone SIP.

**BE IT FURTHER RESOLVED**, that the Executive Office is hereby directed to forward a copy of this Resolution, modified the 2011 Revision to the 2007 PM2.5 and Ozone SIP to CARB and to request that they be forwarded to the U.S. EPA for approval as part of the State Implementation Plan, and that U.S. EPA approve the 2007 PM2.5 and Ozone SIP as so modified.

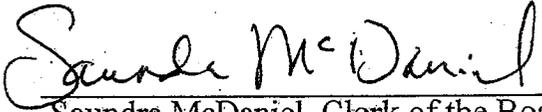
AYES: Antonovich, Benoit, Burke, Cacciotti, Carney, Gonzales, Loveridge, Lyou, Mitchell, Perry, Pulido, and Yates.

NOES: None.

ABSENT: Nelson.

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Dated: 3-4-2011

  
Saundra McDaniel, Clerk of the Board