

Implementation of National Ambient Air Quality Standards

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NACAA Fall Meeting

September 22, 2009

Pollutant	NAAQS Promulgation Date	Designations Effective	110a SIPs due	Attainment Demonstration Due	Attainment Date
Pb	October 2008	November 2010/2011 (time needed to establish monitoring network)	October 2011	May 2012/2013	November 2015/2016
PM2.5 (2006)	September 2006	October/ November 2009 (estimated)	Sept. 2009	October/ November 2012	October/ November 2014/2019
Ozone	August 2010	August 2011	August 2013	December 2013	August 2017 (Moderate)
NO2	Jan 2010	February 2012	Jan 2013	August 2015 (could be later if new monitors needed)	Feb 2017
SO2 Primary	June 2010	June 2012	June 2013	January 2014	July 2017
PM2.5	October 2011	November 2013	Nov. 2014	November 2016	November 2018

Ozone NAAQS

- Reconsidering Ozone NAAQS
 - Proposal December 2009
 - Final August 2010
- Implementation rule
 - Proposal early 2010
 - Final late 2010

Federal Measures

- Consumer Products
- Mobile Source Regulations
- CAIR Replacement Rule
- Emission Control Areas (Coastal areas)
 - Low sulfur fuel requirement is effective 2012
 - NO_x controls start taking effect on new engines in 2011 (Tier 2)
 - NO_x controls on existing engines in 2016 (Tier 3)
 - Assuming the Marine Environment Protection Committee adopts a North American ECA in March 2010.

ECA Air Quality Impacts

	<u>PM2.5</u>	<u>Ozone</u>
Los Angeles:	-2.1 ug/m ³	-0.7 ppb O ₃
Miami:	-3.1 ug/m ³	-0.9 ppb O ₃
NYC:	-0.4 ug/m ³	-0.4 ppb O ₃
Houston:	-1.2 ug/m ³	-0.3 ppb O ₃