

Action on 1997 Ozone Standard State Implementation Plan (SIP)

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MWAQC

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Ozone Standards & SIPs

Current Ozone Standard : 75 ppb

OZONE STANDARD: 84 PPB

Ozone SIP Submitted

NEW OZONE
STANDARD: 75 ppb

Wash DC-MD-VA Marginal
Nonattainment

New Ozone Standard TBD

Deadline to attain

1997

2007

2008

2011

2013

2015

EPA Approvals & Proposals

1997 Ozone SIP (84 ppb)

- EPA approved components of ozone SIP:
 - ✓ Base year 2002 emissions inventory
 - ✓ Reasonably available control measures/technology (RACM/RACT)
 - ✓ 2008 Reasonable Further Progress (RFP) plan & 2008 mobile budgets*
 - ✓ RFP Contingency measures (in case RFP requirements not met)
- EPA proposing to approve remaining components:
 - Attainment demonstration & 2009 mobile budgets
 - Attainment Contingency measures & 2010 mobile budgets (in case of non-attainment by required date)

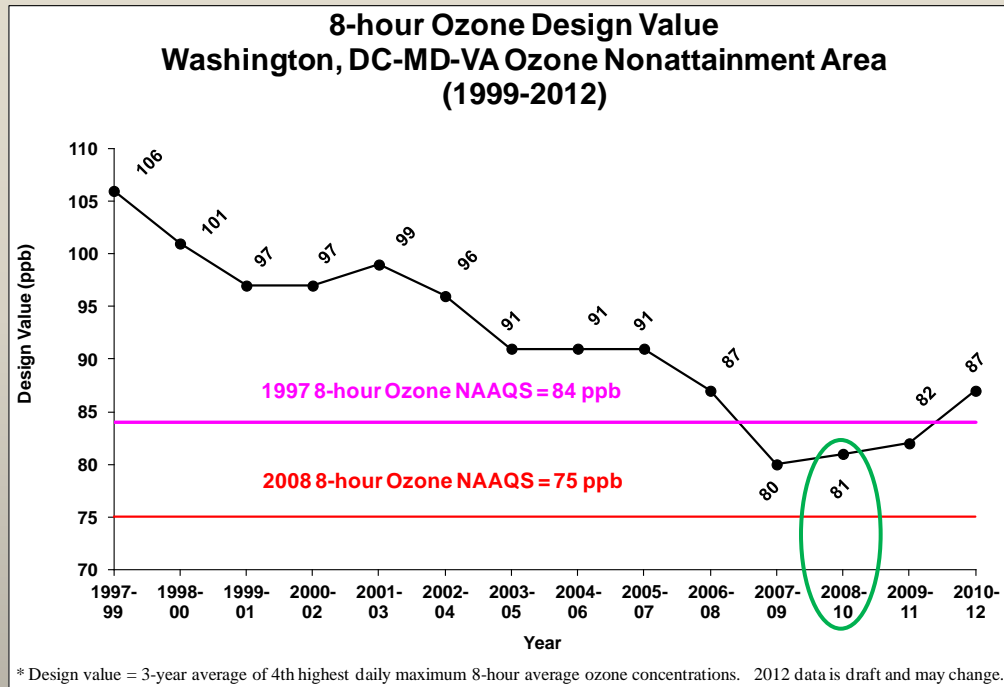
* Mobile budget - Limit on motor vehicle emissions set in SIP

TPB – Annual transportation conformity analysis to ensure Washington region's motor vehicle emissions remain below mobile budgets

EPA Approvals & Proposals

1997 Ozone SIP (84 ppb)

- Why EPA is proposing to approve these?
 - Washington region demonstrated attainment by the applicable attainment date of June 15, 2010



- Approval strengthens the ozone SIP by
 - Reserving reductions from various measures for air quality purposes
 - Approving stricter 2009 attainment & 2010 contingency mobile budgets than previously approved 2008 RFP mobile budgets

EPA Proposal Details

1997 Ozone SIP

- Proposal details - <http://www.gpo.gov/fdsys/pkg/FR-2013-03-20/pdf/2013-06421.pdf>
- Public Comments – Submit by April 12, 2013
- How to submit comments :
 - www.regulations.gov
 - Email: fernandez.cristinia@epa.gov.
 - Mail:

EPA–R03–OAR–2013–0132,

Cristina Fernandez,

Associate Director, Office of Air Planning Program, Mail code 3AP30,

U.S. Environmental Protection Agency, Region III, 1650 Arch Street, Philadelphia,
Pennsylvania 19103

EPA Adequacy Finding

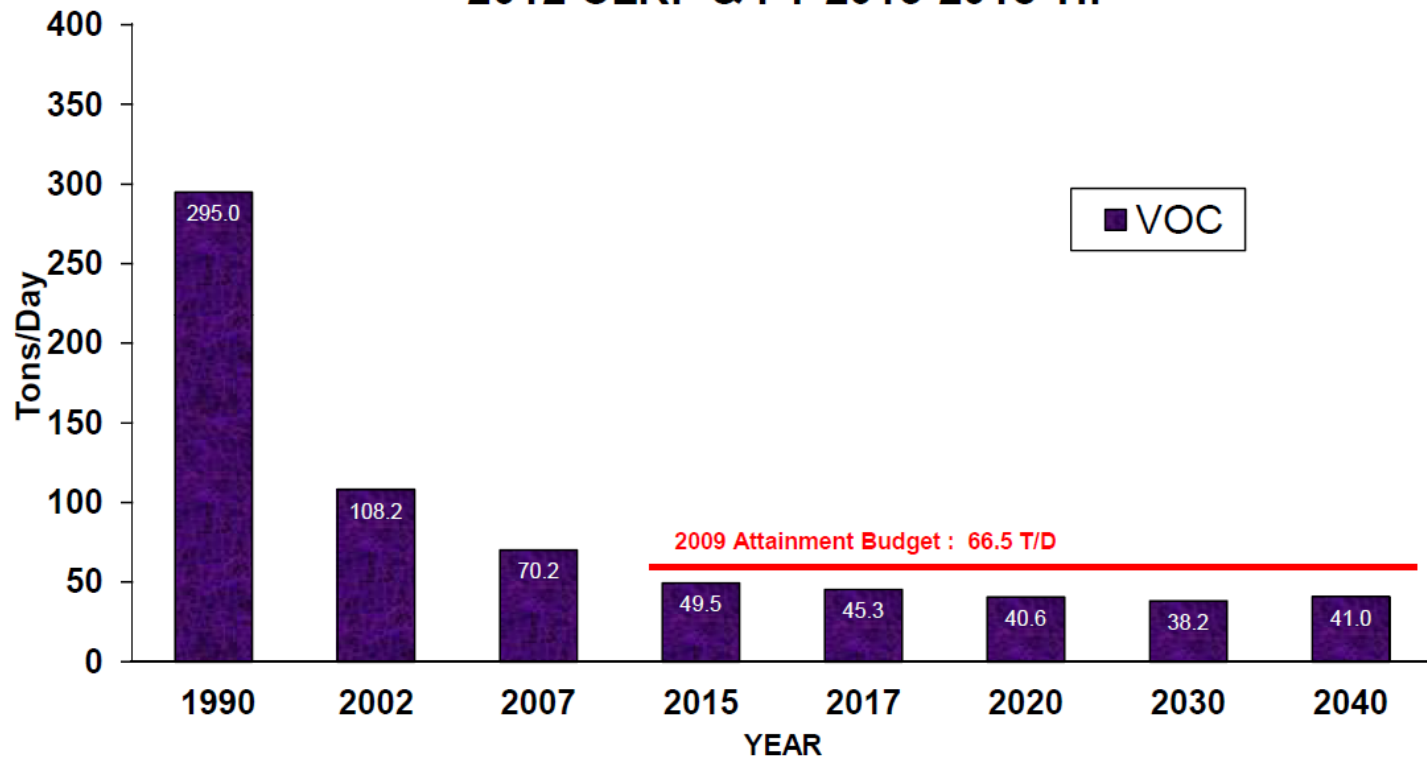
Mobile Budgets (1997 Ozone Standard, 84 ppb)

- Washington region Ozone SIP
 - Mobile Budgets for Volatile Organic Compounds (VOC) & Nitrogen Oxides (NO_x) - Ozone precursors
 - ✓ 2008 - Reasonable Further Progress budget
 - 2009 - Attainment budget
 - 2010 – Attainment Contingency budget
- EPA – 2009/10 Mobile budgets in ozone SIP “adequate” for conformity (Effective – February 22, 2013)
- EPA proposing to “approve” the above “adequate” budgets
- Conformity analysis – Test future motor vehicle emissions against “adequate” mobile budgets starting 2012 CLRP analysis

Ozone Mobile Budgets & Conformity

2/14/2013

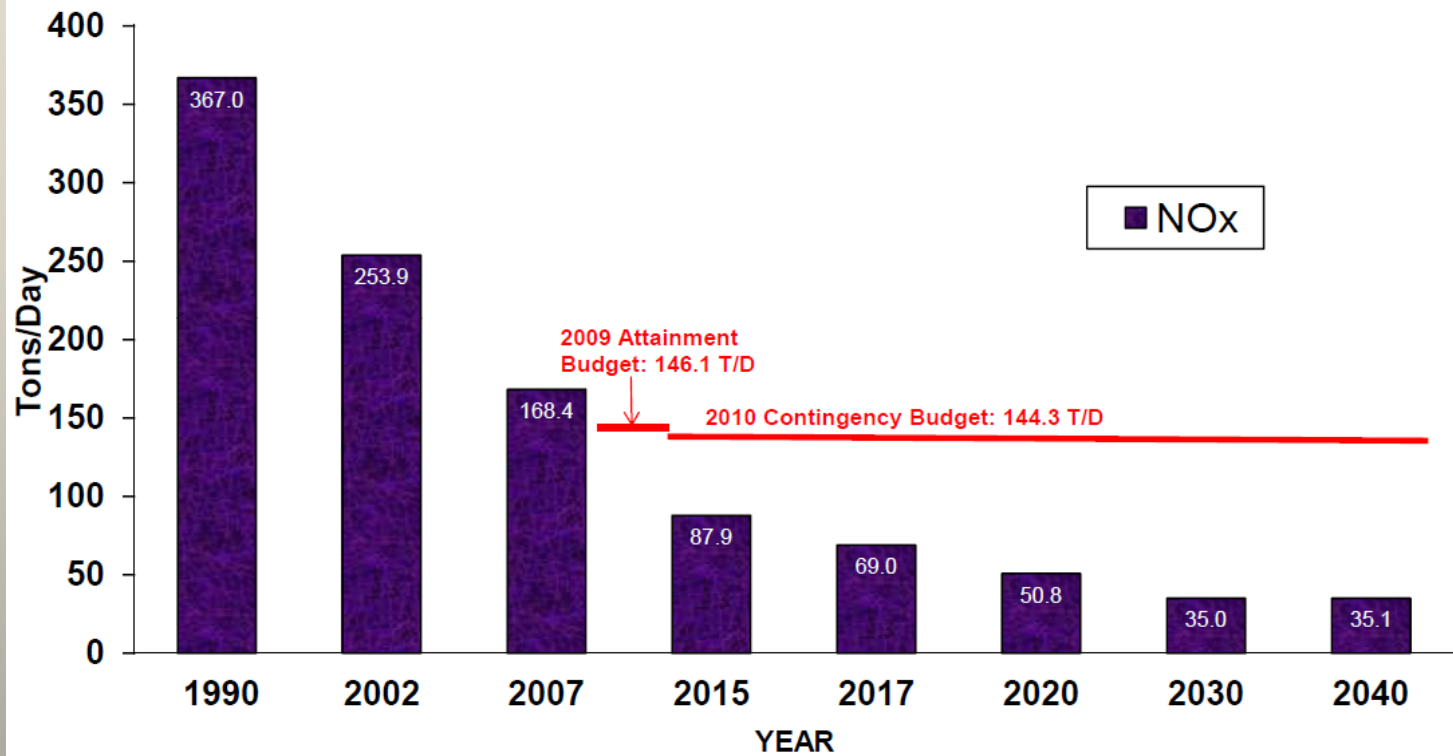
EXHIBIT 20 AIR QUALITY CONFORMITY UPDATE AMENDMENT Mobile Source VOC Emissions for the 8-Hour Ozone Nonattainment Area 2012 CLRP & FY 2013-2018 TIP



Ozone Mobile Budgets & Conformity

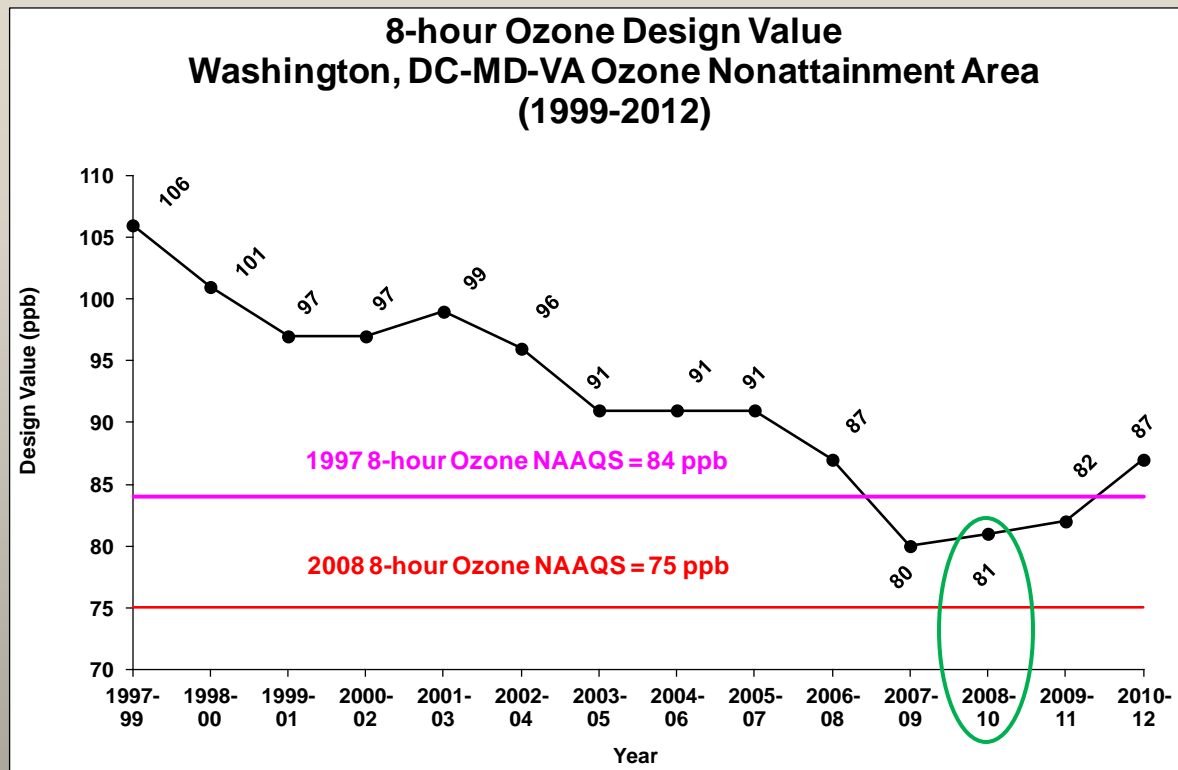
2/14/2013

EXHIBIT 21 AIR QUALITY CONFORMITY UPDATE AMENDMENT Mobile Source NO_x Emissions for the 8-Hour Ozone Nonattainment Area 2012 CLRP & FY2013-2018 TIP



Conformity Tests & Ozone Standards

- Current conformity test – 1997 Ozone Standard (84 ppb) SIP budget
- Stricter conformity test – 2008 Ozone Standard (75 ppb) SIP budget (if required to develop a SIP with mobile budget)



* Design value = 3-year average of 4th highest daily maximum 8-hour average ozone concentrations. 2012 data is draft and may change.

MWAQC Comment Letter

Amendment to updated 2012 CLRP Analysis

- Transportation Planning Board (TPB)
 - Amended the updated 2012 CLRP & FY2013-18 TIP
 - Included ozone mobile budgets found “adequate” by EPA on February 7, 2013 (Budgets effective – Feb 22, 2013)
- MWAQC Comment Letter
 - Concurs mobile emissions are below
 - “Adequate” mobile budgets for 1997 ozone standard (84 ppb)
 - Approved mobile budgets for 1971 Carbon Monoxide standard
 - Meets base year 2002 emissions tests for the annual fine particulate matter (PM2.5) standard

MWAQC Comment Letter

Amendment to updated 2012 CLRP Analysis

- MWAQC Comment Letter
 - Cautions “adequate” mobile budgets are
 - Several years old
 - Apply to old 1997 ozone standard (84 ppb)
 - Do not reflect levels of mobile emissions required to achieve the new stricter 2008 ozone standard (75 ppb)
 - Washington region – Marginal nonattainment for 2008 ozone standard
 - Attainment deadline – December 31, 2015
 - Emissions reduction needed across all sectors to attain 2008 ozone standard
 - Urges TPB
 - To continue investment in public transit, ride-sharing, and transit-oriented development to mitigate future growth in vehicle emissions
 - Maintain commitments to Transportation Emission Reduction Measures and other emission reduction measures.