

HANDOUTS

from previous meeting



June 17, 2003

Air Quality Planning

- Clean Air Act Amendments
 - Washington region designated as a severe non-attainment area for 1 hour Ozone standard.
 - Must reach attainment for 1 hour Ozone standard by 2005.
- State Implementation Plan
 - All sources and provides transportation emissions budget
 - Includes TCMS

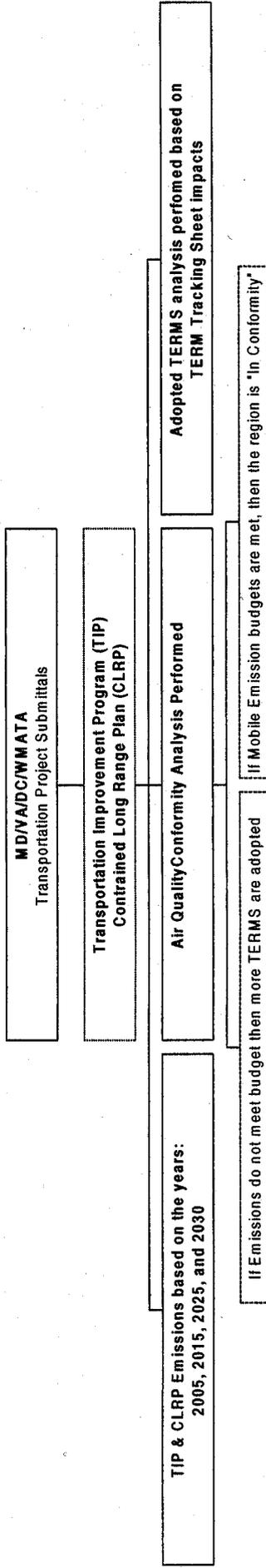
Air Quality Planning

- Transportation Conformity and TERMS.
 - CLRP and TIP satisfy conformity requirements.
 - TERMS programmed if emissions reduction^s are needed.
 - MPO must ensure that TERMS are implemented and reductions achieved.
 - Done through the TERM Tracking Sheet.
 - Report on the effectiveness of the TERMS in the conformity analysis report.

Air Quality Planning

- Implementing agency responsibilities
 - Implement program and make a good faith effort to deliver results as promised.
 - If needed revise program, inform TPB, and reevaluate program after changes.
 - Provide status reports to the MPO on the status of the TERMS.

TRANSPORTATION AND AIR QUALITY FLOW CHART FOR 2003 CLRP and FY04-09 TIP



M/D/V/A/D/C/W/MATA
Transportation Project Submittals

Transportation Improvement Program (TIP)
Constrained Long Range Plan (CLRP)

Air Quality Conformity Analysis Performed

TIP & CLRP Emissions based on the years:
2005, 2015, 2025, and 2030

If Emissions do not meet budget then more TERMS are adopted

If Mobile Emission budgets are met, then the region is "In Conformity"

Adopted TERMS analysis performed based on
TERM Tracking Sheet impacts

Air quality planning

- Total emissions reductions from TERMS are as important as TCMs, the differences are in the penalty and substitution process.
- 2005 is attainment year for the region. It is also the most critical year for conformity since the heavy-duty rule improves the mobile emissions dramatically in the outer years.

Air quality planning

- Conformity
 - Budget
 - TERMS to meet budget.
 - TERMS similar to TCMs but if you don't meet the goal you can substitute with other measures.
 - Flexibility is not an excuse for not trying to reach goal.

Exhibit 24

Mobile Source Emissions - Summary Table

		2005	
		VOC	NOx
Network Analysis		104.345	186.125
Tier 2/Low Sulfur		-2.886	-15.823
TERM credits		-3.44	-5.711
SIP TCMS		0.2	0.4
Governors' init. And other projects		-1.373	-2.698
Mitigation package		-1.988	-1.81
Net Emissions		94.858	160.483
Budget		101.8	161.8
Margin		6.942	1.317

Source: Air Quality Conformity Determination of the 2002 CLRP and th

FY 2003-08 TIP for the Metropolitan Washington Region

Commuter Connections TERMS

- Employer Outreach
- Regional Guaranteed Ride Home
- Commuter Operations Center (not adopted as a TERM)
- Telework Resource Center
- Integrated Ridesharing
- Employer Outreach for Bicycling
- Consumer Mass Marketing

Program Highlights (con't)

Comparison of Commuter Connections TERM impacts to goals – net benefit

	<u>Goal</u>	<u>02 Est.</u>	<u>Net</u>
Trips reduced	69,558	90,952	<u>21,394</u>
VMT reduced	1,173,771	1,721,808	<u>548,037</u>
NOx reduced	1.864 T	2.270 T	<u>0.406 T</u>
VOC reduced	0.823 T	1.123 T	<u>0.300 T</u>

FY04 TDM Evaluation Projects for the 2005 Air Quality Conformity Reporting Period

1. Evaluation Methodology Report – Review & Update
 - a. Commuter Operations Center
 - b. Employer Outreach
 - c. Guaranteed Ride Home
 - d. Telework Resource Center
 - e. Integrated Rideshare
 - f. Regional Mass Marketing
 - g. Northern Virginia Vanpool Incentive

Due Date: September 2003

2. Telework Center Occupancy Rate Survey & Report

Due Date: November 2003 (Survey)
February 2004 (Report)

3. Guaranteed Ride Home Applicant Survey & Report

Due Date: January 2004 (Survey)
April 2004 (Report)

4. FY04 Placement Rate Survey & Report

Due Date: November 2003 (Survey)
June 2004 (Report)

5. State of the Commute Survey & Technical Report

Due Date: January – March 2004 (Survey)
June 2004 (Technical Report)