

Memo

To: Joan Rohlfs Sunil Kumar
cc: Mike Clifford Daivamani Sivasailam
From: Eulalie G. Lucas 
Date: 6/30/06
Re: Draft Results for Mobile inventories for 8-hour ozone SIP

This memo transmits five sets of emission results associated with the 8-hour ozone SIP. The attached table shows results for Run #1, #2, #3, #4 and #5 as described in Sunil's memo dated January 23, 2006. Travel data for 2002 were prepared in the fall of 2005 as part of the 2005 Constrained Long Range Plan (CLRP) and the FY 2006-2011 Transportation Improvement Plan (TIP). Rates were prepared by DEP staff and checked for consistency by DTP staff. Emissions associated with Stafford County were removed from these results in accordance with the revised geography for the non-attainment area.

Date : June 30, 2006

8-Hour Ozone SIP

Draft SIP Mobile Emissions Inventories

(Tons/Day)

	BASE 2002		2002 Adjusted		2008 Adjusted		Actual 2008		2009	
	VOC	NOx	VOC	NOx	VOC	NOx	VOC	NOx	VOC	NOx
I Network										
Start	24.77	12.58	35.57	22.33	29.69	21.43	12.83	7.23	11.88	6.64
Running	55.26	229.04	79.94	258.29	74.03	228.49	30.71	135.55	28.62	123.21
Soak	11.26	-----	14.27	-----	15.63	-----	10.07	-----	9.71	-----
II Off-Network										
Diurnal	2.36	-----	3.65	-----	3.31	-----	1.90	-----	1.84	-----
Resting Loss	11.92	-----	15.00	-----	14.43	-----	9.03	-----	8.59	-----
Local Roads	9.33	11.16	15.19	13.04	14.25	12.67	5.11	6.99	4.75	6.38
School Buses	0.41	5.98	0.47	6.23	0.46	6.26	0.40	5.23	0.38	4.97
Transit Buses	0.38	6.43	0.57	6.46	0.45	5.75	0.22	4.42	0.23	4.52
Auto Access	1.23	1.48	1.88	1.90	1.85	2.02	0.72	0.88	0.68	0.80
Total	116.92	266.66	166.55	308.24	154.10	276.63	70.27	160.30	66.68	146.53

Note: 2008 adjusted reflects 2002 vehicle fleet for diurnals and resting loss