

Dated: July 9, 2013

Ms. Diana Esher, Director
Air Protection Division (3AP00)
US Environmental Protection Agency, Region III
1650 Arch St,
Philadelphia, PA 19103-2029

Re: Supplemental attainment year 2007 emissions inventories for Volatile Organic Compounds (VOC) and Ammonia (NH₃) for the Redesignation Request & Maintenance Plan for the Washington DC-MD-VA 1997 annual PM_{2.5} NAAQS Nonattainment Area

Dear Ms Esher,

Attached please find below summaries of the supplemental attainment year 2007 emissions inventories for Volatile Organic Compounds (VOC) and Ammonia (NH₃) for the Redesignation Request & Maintenance Plan for the Washington DC-MD-VA 1997 annual PM_{2.5} NAAQS Nonattainment Area (Table 1).

These summaries are being provided to you in accordance with the recent court order (Court of Appeals for the District of Columbia in NRDC v. EPA, No. 08-1250 (January 4, 2013)).

Please note that the detailed emissions inventories for VOC and NH₃ (except for NMIM nonroad model & MOVES2010a onroad model) were provided earlier to you along with PM_{2.5}, NO_x, and SO₂ emissions for the attainment year 2007 as part of the Redesignation Request & Maintenance Plan for the Washington DC-MD-VA 1997 annual PM_{2.5} NAAQS Nonattainment Area. Methodologies, data sources, and input data used for developing VOC and NH₃ emissions for 2007 for point, area, nonroad, and onroad sources are the same as the ones used to develop PM_{2.5}, NO_x, and SO₂ emissions for 2007 for those sources. VOC and NH₃ emissions data were provided in a number of spread-sheets in Appendix A2 of the Maintenance Plan. Columns in these spread-sheets containing VOC and NH₃ emissions were hidden. These hidden VOC and NH₃ emission data can be found by referring to the appropriate columns listed below for each spread-sheet (Table 2).

(Signature)

**Table 1 - 2007 Attainment Year Inventory
(Tons)**

Ammonia (NH3)

Jurisdiction	Point			Area	Nonroad			Onroad	Total
	EGU	NEGU	Total		NMIM	MAR	Total		
District of Columbia	0	0	0	183	3	0.004	3	195	381
Maryland	0	4	4	3,079	10	0.01	10	929	4,021
Virginia	50	2	52	962	11	0.2	11	777	1,802
Washington, DC-MD-VA 1997 Annual PM2.5 NAA	50	6	56	4,224	23	0	23	1,901	6,204

Volatile Organic Compounds (VOC)

Jurisdiction	Point			Area	Nonroad			Onroad	Total
	EGU	NEGU	Total		NMIM	MAR	Total		
District of Columbia	2	58	59	5,516	1,324	34	1,357	3,362	1,508
Maryland	180	539	719	21,928	9,617	260	9,877	18,449	11,397
Virginia	38	558	596	26,501	9,334	833	10,167	15,703	12,153
Washington, DC-MD-VA 1997 Annual PM2.5 NAA	220	1,155	1,375	53,944	20,275	1,127	21,402	37,514	25,058

Table 2 - VOC & NH3 Emissions (Appendix A2)

Emission Source Category	Spread-sheet Name	Column (VOC)	Column (NH3)
Point			
Electric Generating Units (EGU)	V3_3 EGU_07_25 PM Nonattainment.xlsx	BL	BZ
Non-EGU	V3_3 NonEGU_07_25 PM Nonattainment.xlsx	DO	AR
Area	V3_3 Area_07_25 PM Nonattainment.xlsx	DD	AG
Nonroad			
NMIM Model	V3_3 NMIM_07_25 PM Nonattainment_MARAMA+COG.xlsx	Emission not provided	Emission not provided
Marine, Air, Rail (MAR)	V3_3 MAR_07_25 PM Nonattainment.xlsx	CP	AC
Onroad	MOVES_Emissions by_Veh_Type_2002_07_17_25.xlsx	Emission not provided	Emission not provided

Note: Appendix A2 referred to here belongs to the PM2.5 Maintenance Plan (Washington DC-MD-VA 1997 Annual PM_{2.5} NAAQS NAA).