

Appendix C

2009 Point Source Emissions Summary

Projected Uncontrolled and Controlled PM2.5, NOx, and SO2 Point Source Emissions for the District of Columbia
(2009)

Facility	City	Uncontrolled 2009 Emissions			Controlled 2009 Emissions		
		PM2.5 (tpy)	NOx (tpy)	SO2 (tpy)	PM2.5 (tpy)	NOx (tpy)	SO2 (tpy)
Bureau of Engraving & Printing	Washington	0.00	0.00	0.00	0.000	0.000	0.000
Georgetown University	Washington	2.74	36.00	0.22	2.736	36.004	0.216
GSA Central Heating Plant*	Washington	13.66	251.55	1.08	13.656	251.554	1.078
Howard University	Washington	2.06	27.09	0.16	2.059	27.086	0.163
Naval Research Laboratory	Washington	0.22	2.85	0.02	0.217	2.850	0.017
Pepco Benning Road Generating Station 15/16	Washington	25.09	739.49	2396.84	25.090	184.873	2396.843
Pepco Benning Road Generating Station Pkg Boilers	Washington	0.72	25.19	99.43	0.717	6.298	99.428
Pepco Buzzard Point Generating Station	Washington	6.70	491.23	563.80	6.699	491.230	563.798
Washington Convention Center	Washington	1.78	55.00	6.16	1.780	21.450	6.160
St. Elizabeth's Hospital	Washington	2.61	34.44	0.46	2.615	34.441	0.462
U.S. Capitol Power Plant	Washington	98.59	158.23	612.12	98.586	64.498	612.118
U.S. Government Printing Office	Washington	0.00	0.00	0.00	0.000	0.000	0.000
U.S. Soldiers and Airmen's Home	Washington	0.93	12.34	0.35	0.935	12.337	0.354
Walter Reed Army Medical Center	Washington	2.31	34.52	30.31	2.312	34.524	30.309
Washington Hospital Center	Washington	1.94	27.41	13.54	1.944	27.407	13.540
Total		159.35	1895.35	3724.49	159.35	1194.55	3724.49

Projected Uncontrolled and Controlled PM2.5, NOx, and SO2 Point Source Emissions for Maryland
(2009)

Facility	County	Uncontrolled 2009 Emissions			Controlled 2009 Emissions		
		PM2.5 (tpy)	NOx (tpy)	SO2 (tpy)	PM2.5 (tpy)	NOx (tpy)	SO2 (tpy)
Andrews Air Force Base	Prince Georges	6.29	30.72	4.45	6.29	30.72	4.45
Andrews Air Force Base	Prince Georges						
Automated Graphic Systems	Charles	0.00	0.00	0.00	0.00	0.00	0.00
Brown Station Road Landfill	Prince Georges	4.13	7.87	0.79	4.13	7.87	0.79
Canam Steel	Frederick	2.18	6.73		2.18	6.73	
Corporate Press - Brightseat Road	Prince Georges	0.00	0.00	0.00	0.00	0.00	0.00
Covanta Energy-8309 Tujunga Avenue Corp.	Montgomery	1.33	23.05	0.33	1.33	23.05	0.33
Craftsman Press - Craftsman Circle	Prince Georges	0.00	1.58	0.00	0.00	1.58	0.00
Day, F.O. Bituminous - Piney Mtg	Montgomery	0.26	10.30	7.19	0.26	10.30	7.19
Dow Jones & Company	Montgomery	0.00	0.42	0.00	0.00	0.42	0.00
Duron, Incorporated	Prince Georges	0.59			0.59		
Eastalco Aluminum	Frederick	482.32	96.25	3735.72	482.32	96.25	3735.72
Editors Press	Prince Georges		1.05			1.05	
Essroc Cement	Frederick	95.26	2019.11	1405.51	95.26	2019.11	1405.51
Eu Services	Montgomery	0.00	0.00	0.00	0.00	0.00	0.00
Fort Detrick	Frederick	49.49	104.79	329.67	49.49	104.79	329.67
George Weston Bakeries, Inc.	Frederick		2.23			2.23	
Goddard Space Flight Center	Prince Georges	6.60	30.48	0.91	6.60	30.48	0.91
Kelly Press	Prince Georges	0.00	0.00	0.00	0.00	0.00	0.00
Kline, Richard F., Incorporated	Frederick	0.41	6.74	0.88	0.41	6.74	0.88
Lehigh Portland Cement	Frederick	136.56	180.59	2404.79	136.56	180.59	2404.79
Mcardle Printing	Prince Georges	0.21	0.00	0.00	0.21	0.00	0.00
Miirant Station H	Montgomery	15.80	125.88	5.20	15.80	125.88	5.20
Mirant Mid-Atlantic - Morgantown	Charles	2804.18	22527.81	84030.14	2804.18	5354.94	84030.14
Mirant Mid-Atlantic - Dickerson	Montgomery	0.00	8655.37	40490.49	0.00	2126.86	40490.49
Mncppc - Sandy Hill Landfill	Prince Georges	4.84	72.42	9.53	4.84	72.42	9.53
Montgomery County Rrf	Montgomery	11.06	1036.70	93.40	11.06	1036.70	93.40
Moore Communications Services	Frederick	0.00	0.50	1.07	0.00	0.50	1.07
National Institute Of Health	Montgomery	4.63	75.57	2.05	4.63	75.57	2.05
National Institute Of Standards And Technology	Montgomery	5.90	33.49	2.18	5.90	33.49	2.18
National Naval Medical Center	Montgomery	5.44	16.26	27.36	5.44	16.26	27.36
Naval Surface Warfare Cntr-Indian Hd	Charles	57.23	191.68	1084.07	57.23	191.68	1084.07
Panda Brandywine, L.P.	Prince Georges	5.79	35.95	23.89	5.79	35.95	23.89
Peake Printers	Prince Georges		0.33			0.33	
Pepco - Chalk Point	Prince Georges	232.23	16501.05	59561.03	232.23	3755.33	59561.03
Reproductions - Rickenbacker Drive	Montgomery	0.00	0.00	0.00	0.00	0.00	0.00
S & S Graphics	Prince Georges	0.00	0.25	0.00	0.00	0.25	0.00
Safeway Stores - Bread Plant	Prince Georges	0.05	1.68		0.05	1.68	
Smith Lithograph	Montgomery	0.00	1.01	0.00	0.00	1.01	0.00
Tamko Roofing Products	Frederick	35.01	10.56	0.00	35.01	10.56	0.00
University Of Maryland	Prince Georges	7.25	114.05	0.56	7.25	114.05	0.56
Washington Post, The	Prince Georges	1.10	2.52	0.00	1.10	2.52	0.00
Total		3976.17	51924.96	193221.21	3976.17	15477.88	193221.21

Projected Uncontrolled and Controlled PM2.5, NOx, and SO2 Point Source Emissions for Virginia
(2009)

Facility	County	Uncontrolled 2009 Emissions			Controlled 2009 Emissions		
		PM2.5 (tpy)	NOx (tpy)	SO2 (tpy)	PM2.5 (tpy)	NOx (tpy)	SO2 (tpy)
America Online Inc	Prince William	0.00	24.72	3.47	0.00	24.72	3.47
America Online Incorporated	Fairfax	0.00	11.09	0.60	0.00	11.09	0.60
America Online Incorporated	Loudoun	0.00	12.29	2.14	0.00	12.29	2.14
APAC Virginia Incorporated- Manassas Plant	Prince William	0.00	20.42	10.14	0.00	20.42	10.14
Bergmanns Inc	Arlington	0.00	2.02	0.12	0.00	2.02	0.12
Bush Center for Intelligence (CIA)	Fairfax	0.00	32.22	8.61	0.00	32.22	8.61
City of Manassas/VMEA	Prince William	0.00	68.89	11.36	0.00	68.89	11.36
Columbia Gas Transmission Corp	Loudoun	0.00	28.59	0.81	0.00	28.59	0.81
ConcoPhillips - Manassas Terminal	Prince William	0.00	0.00	0.00	0.00	0.00	0.00
Covanta Alexandria/Arlington, Inc.	Alexandria City	0.00	570.80	3.20	0.00	570.80	3.20
Covanta Fairfax, Inc.	Fairfax	0.13	1,822.91	89.02	0.13	1,822.91	89.02
Dominion - Possum Point	Prince William	234.56	4,614.84	19,693.04	234.56	2,914.00	1,725.83
Dominion Transmission Inc - CNG Leesburg Station	Loudoun	0.00	14.59	0.00	0.00	14.59	0.00
Glen-Gery Corporation - Capitol Plant	Manassas City	3.55	11.76	2.23	3.55	11.76	2.23
HB Mellott Estate Incorporated	Loudoun	0.00	2.36	10.71	0.00	2.36	10.71
Inova Fairfax Hospital	Fairfax	0.00	17.11	0.26	0.00	17.11	0.26
Lockheed Martin Manassas	Prince William	0.00	14.07	0.29	0.00	14.07	0.29
Loudoun Co Asphalt -NEWTON ASPHALT	Loudoun	0.00	9.36	12.00	0.00	9.36	12.00
Manassas City of - Dominion Station	Manassas City	0.00	21.08	10.03	0.00	21.08	10.03
Manassas City of/Church Street	Manassas City	0.00	19.73	3.01	0.00	19.73	3.01
Michigan Cogeneration Systems Inc	Fairfax	13.28	102.67	4.56	13.28	102.67	4.56
Micron Technology Incorporated	Prince William	0.00	6.37	0.94	0.00	6.37	0.94
National Reconnaissance Office	Fairfax	0.00	17.55	2.99	0.00	17.55	2.99
Noman M Cole Jr Pollution Control Plant	Fairfax	5.50	126.14	4.56	5.50	126.14	4.56
Pentagon Reservation	Arlington	0.00	17.99	3.39	0.00	17.99	3.39
Potomac River Generating Station	Alexandria City	230.07	5,977.24	16,827.42	230.07	1,735.00	16,827.42
Prince William County Sanitary Landfill	Prince William	7.19	41.10	14.02	7.19	41.10	14.02
Science Applications International Corp.	Fairfax	0.00	17.05	2.69	0.00	17.05	2.69
Superior Paving Corp - Centreville Plt	Fairfax	0.00	7.86	0.86	0.00	7.86	0.86
Superior Paving Corp - Leesburg Plant	Loudoun	0.00	8.11	1.00	0.00	8.11	1.00
Transcontinental Gas Pipeline-Station 185	Prince William	0.00	230.30	0.01	0.00	230.30	0.01
Tuscarora Incorporated	Loudoun	0.00	2.19	0.11	0.00	2.19	0.11
US Army - Fort Belvoir	Fairfax	0.97	33.17	19.19	0.97	33.17	19.19
US Army - Fort Myer	Arlington	0.00	14.36	2.85	0.00	14.36	2.85
US Marine Corps - Quantico	Prince William	3.14	24.94	25.02	3.14	24.94	25.02
Vertis Inc.	Prince William	0.00	2.70	0.02	0.00	2.70	0.02
Virginia Paving Company Alexandria Plant	Alexandria City	0.00	18.99	22.19	0.00	18.99	22.19
Washington Gas Light Company	Fairfax	0.00	61.10	0.04	0.00	61.10	0.04
Total		498.38	14,028.67	36,792.91	498.38	8,085.59	18,825.70