

# **Appendix C**

## **Point Source Inventories and Projections**

Projected Uncontrolled and Controlled VOC and NOx Point Source Emissions for the District of Columbia  
(2008 and 2009)

Facility	City	Uncontrolled 2008 Emissions		Controlled 2008 Emissions		Uncontrolled 2009 Emissions		Controlled 2009 Emissions	
		VOC (tpd)	NOx (tpd)	VOC (tpd)	NOx (tpd)	VOC (tpd)	NOx (tpd)	VOC (tpd)	NOx (tpd)
Pepco Benning Road Generating Station	Washington	0.018	4.036	0.006	1.425	0.016	3.693	0.006	0.748
Pepco Buzzard Point Generating Station	Washington	0.001	2.824	0.000	0.517	0.001	2.584	0.010	0.517
Naval Research Laboratory	Washington	0.000	0.005	0.000	0.005	0.000	0.005	0.000	0.005
Walter Reed Army Med. Ctr.	Washington	0.004	0.091	0.004	0.091	0.005	0.094	0.005	0.094
Georgetown University	Washington	0.004	0.079	0.004	0.079	0.005	0.082	0.005	0.082
Washington Hospital Center	Washington	0.003	0.053	0.003	0.053	0.003	0.055	0.003	0.055
St. Elizabeth's Hospital	Washington	0.004	0.069	0.004	0.069	0.004	0.072	0.004	0.072
U.S. Soldiers and Airmen's Home	Washington	0.002	0.033	0.002	0.033	0.002	0.034	0.002	0.034
U.S. Capitol Power Plant	Washington	0.007	0.514	0.007	0.514	0.007	0.506	0.007	0.506
Howard University	Washington	0.004	0.074	0.004	0.074	0.004	0.067	0.004	0.067
Bureau of Engraving & Printing	Washington	0.150	0.000	0.150	0.000	0.150	0.000	0.150	0.000
Government Printing Office	Washington	0.035	0.000	0.035	0.000	0.035	0.000	0.035	0.000
New Washington Convention Center	Washington	0.013	0.081	0.013	0.081	0.014	0.086	0.014	0.086
GSA Central Heating Plant	Washington	0.014	0.257	0.009	0.163	0.015	0.266	0.009	0.163
<b>Total</b>		<b>0.261</b>	<b>8.118</b>	<b>0.243</b>	<b>3.107</b>	<b>0.260</b>	<b>7.544</b>	<b>0.254</b>	<b>2.429</b>

Projected Uncontrolled and Controlled VOC and NOx Point Source Emissions for Maryland  
(2008 and 2009)

Facility	County	Uncontrolled 2008 Emissions		Controlled 2008 Emissions		Uncontrolled 2009 Emissions		Controlled 2009 Emissions	
		VOC (tpd)	NOx (tpd)	VOC (tpd)	NOx (tpd)	VOC (tpd)	NOx (tpd)	VOC (tpd)	NOx (tpd)
ANDREWS AIR FORCE BASE	Prince Georges	0.022	0.154	0.022	0.154	0.022	0.159	0.022	0.159
ANDREWS AIR FORCE BASE	Prince Georges	0.978	2.212	0.978	2.212	0.997	2.254	0.997	2.254
AUTOMATED GRAPHIC SYSTEMS	Charles	0.024	0.000	0.024	0.000	0.023	0.000	0.023	0.000
BROWN STATION ROAD LANDFILL	Prince Georges	0.087	0.022	0.087	0.022	0.087	0.022	0.087	0.022
CANAM STEEL	Frederick	0.796	0.026	0.796	0.026	0.835	0.028	0.835	0.028
CONSTELLATION ENERGY - CALVERT CLIFFS	Calvert	0.054	1.833	0.054	1.833	0.049	1.677	0.049	1.677
CORPORATE PRESS - BRIGHTSEAT ROAD	Prince Georges	0.034	0.000	0.034	0.000	0.034	0.000	0.034	0.000
COVANTA ENERGY-8309 TUJUNGA AVENUE CORP.	Montgomery	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CRAFTSMAN PRESS - CRAFTSMAN CIRCLE	Prince Georges	0.103	0.009	0.103	0.009	0.103	0.009	0.103	0.009
DAY, F.O. BITUMINOUS - PINEY MTG	Montgomery	0.051	0.087	0.051	0.087	0.053	0.091	0.053	0.091
DOMINION COVE POINT LNG	Calvert	0.061	0.819	0.061	0.819	0.055	0.790	0.055	0.790
DOW JONES & COMPANY	Montgomery	0.066	0.001	0.066	0.001	0.066	0.001	0.066	0.001
DURON, INCORPORATED	Prince Georges	0.075	0.000	0.075	0.000	0.076	0.000	0.076	0.000
EASTALCO ALUMINUM	Frederick	0.297	0.684	0.297	0.684	0.304	0.688	0.304	0.688
EDITORS PRESS	Prince Georges	0.062	0.007	0.062	0.007	0.062	0.007	0.062	0.007
ESSROC CEMENT	Frederick	0.027	6.931	0.027	6.931	0.028	7.199	0.028	7.199
EU SERVICES	Montgomery	0.037	0.000	0.037	0.000	0.036	0.000	0.036	0.000
FORT DETRICK	Frederick	0.019	0.020	0.019	0.020	0.020	0.020	0.020	0.020
GEORGE WESTON BAKERIES, INC.	Frederick	0.157	0.007	0.157	0.007	0.157	0.007	0.157	0.007
GODDARD SPACE FLIGHT CENTER	Prince Georges	0.015	0.083	0.015	0.083	0.016	0.084	0.016	0.084
KELLY PRESS	Prince Georges	0.031	0.000	0.031	0.000	0.031	0.000	0.031	0.000
KLINE, RICHARD F., INCORPORATED	Frederick	0.026	0.028	0.026	0.028	0.027	0.030	0.027	0.030
LEHIGH PORTLAND CEMENT	Frederick	0.002	0.552	0.002	0.552	0.002	0.552	0.002	0.552
MCARDLE PRINTING	Prince Georges	0.065	0.000	0.065	0.000	0.065	0.000	0.065	0.000
MIRANT STATION H	Montgomery	0.014	1.567	0.014	1.567	0.013	1.406	0.013	1.406
MIRANT MID-ATLANTIC - MORGANTOWN	Charles	0.956	78.512	0.956	78.512	0.909	78.207	0.909	27.183
MIRANT MID-ATLANTIC - DICKERSON	Montgomery	0.192	25.613	0.192	25.613	0.190	25.902	0.190	7.089
MNCPPC - SANDY HILL LANDFILL	Prince Georges	0.040	0.192	0.040	0.192	0.041	0.198	0.041	0.198
MONTGOMERY COUNTY RRF	Montgomery	0.010	3.458	0.010	3.458	0.010	3.458	0.010	3.458
MOORE COMMUNICATIONS SERVICES	Frederick	0.026	0.004	0.026	0.004	0.025	0.004	0.025	0.004
NATIONAL INSTITUTE OF HEALTH	Montgomery	0.023	0.845	0.023	0.845	0.023	0.867	0.023	0.867
NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY	Montgomery	0.013	0.270	0.013	0.270	0.014	0.280	0.014	0.280
NATIONAL NAVAL MEDICAL CENTER	Montgomery	0.024	0.244	0.024	0.244	0.024	0.250	0.024	0.250
NAVAL SURFACE WARFARE CNTR-INDIAN HD	Charles	0.101	1.364	0.101	1.364	0.101	1.366	0.101	1.366
PANDA BRANDYWINE, L.P.	Prince Georges	0.007	0.243	0.007	0.243	0.006	0.218	0.006	0.218
PEAKE PRINTERS	Prince Georges	0.047	0.002	0.047	0.002	0.047	0.002	0.047	0.002
PEPCO - CHALK POINT	Prince Georges	0.411	50.586	0.411	50.586	0.395	50.525	0.395	15.689
REPRODUCTIONS - RICKENBACKER DRIVE	Montgomery	0.043	0.000	0.043	0.000	0.042	0.000	0.042	0.000
S & S GRAPHICS	Prince Georges	0.043	0.001	0.043	0.001	0.043	0.001	0.043	0.001
SAFEWAY STORES - BREAD PLANT	Prince Georges	0.062	0.006	0.062	0.006	0.063	0.006	0.063	0.006
SMITH LITHOGRAPH	Montgomery	0.093	0.004	0.093	0.004	0.092	0.004	0.092	0.004
TAMKO ROOFING PRODUCTS	Frederick	0.080	0.054	0.080	0.054	0.084	0.056	0.084	0.056
UNIVERSITY OF MARYLAND	Prince Georges	0.016	0.468	0.016	0.468	0.016	0.484	0.016	0.484
WASHINGTON POST, THE	Prince Georges	0.041	0.007	0.041	0.007	0.041	0.007	0.041	0.007
<b>Total</b>		<b>5.33</b>	<b>176.92</b>	<b>5.33</b>	<b>176.92</b>	<b>5.33</b>	<b>176.86</b>	<b>5.33</b>	<b>72.18</b>

Projected Uncontrolled and Controlled VOC and NOx Point Source Emissions for Virginia  
(2008 and 2009)

County	Facility	Uncontrolled 2008 Emissions		Controlled 2008 Emissions		Uncontrolled 2009 Emissions		Controlled 2009 Emissions	
		VOC (tpd)	NOx (tpd)	VOC (tpd)	NOx (tpd)	VOC (tpd)	NOx (tpd)	VOC (tpd)	NOx (tpd)
	America Online Inc	0.026	0.514	0.026	0.514	0.026	0.514	0.026	0.514
	America Online Incorporated	0.002	0.090	0.002	0.090	0.002	0.090	0.002	0.090
	America Online Incorporated	0.006	0.142	0.006	0.142	0.006	0.142	0.006	0.142
	APAC Virginia Incorporated- Manassas Plant	0.033	0.090	0.033	0.090	0.033	0.091	0.033	0.091
	Bergmanns Inc	0.000	0.008	0.000	0.008	0.000	0.008	0.000	0.008
	BP Products North America - Fairfax	4.421		4.421		4.463		4.463	
	Bush Center for Intelligence (CIA)	0.020	0.698	0.020	0.698	0.021	0.699	0.021	0.699
	CITGO Terminal	0.100		0.100		0.101		0.101	
	City of Manassas/VMEA	0.106	3.700	0.106	3.700	0.107	3.703	0.107	3.703
	Columbia Gas Transmission Corp	0.037	0.535	0.037	0.535	0.038	0.535	0.038	0.535
	ConcoPhillips - Manassas Terminal	0.114	0.000	0.114	0.000	0.115	0.000	0.115	0.000
	Covanta Alexandria/Arlington, Inc.	0.009	1.651	0.009	1.651	0.009	1.651	0.009	1.651
	Covanta Fairfax, Inc.	0.017	5.702	0.017	5.702	0.017	5.702	0.017	5.702
	Crown Central Petroleum-Newington Terminal	0.032		0.032		0.032		0.032	
	Dominion - Possum Point	0.166	16.217	0.166	12.782	0.486	16.240	0.401	11.868
	Dominion Transmission Inc - CNG Leesburg Station	0.022	0.055	0.022	0.055	0.022	0.055	0.022	0.055
	Exxon Mobil Corporation	0.503		0.503		0.509		0.509	
	Glen-Gery Corporation - Capitol Plant	0.002	0.033	0.002	0.033	0.002	0.034	0.002	0.034
	Hallmark Iron Works	0.053		0.053		0.055		0.055	
	HB Mellott Estate Incorporated	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Inova Fairfax Hospital	0.003	0.047	0.003	0.047	0.003	0.047	0.003	0.047
	Jefferson Millwork and Design	0.038		0.038		0.039		0.039	
	Lockheed Martin Manassas	0.002	0.137	0.002	0.137	0.002	0.137	0.002	0.137
	Loudoun Co Asphalt - NEWTON ASPHALT	0.041	0.054	0.041	0.054	0.041	0.055	0.041	0.055
	Manassas City of - Dominion Station	0.071	2.218	0.071	2.218	0.074	2.302	0.074	2.302
	Manassas City of/Church Street	0.019	0.815	0.019	0.815	0.020	0.846	0.020	0.846
	MASTER PRINT, INC	0.061		0.061		0.062		0.062	
	Michigan Cogeneration Systems Inc	0.034	0.282	0.034	0.282	0.034	0.282	0.034	0.282
	Micron Technology Incorporated	0.048	0.182	0.048	0.182	0.050	0.182	0.050	0.182
	Motiva Enterprises LLC	0.544		0.544		0.549		0.549	
	Motiva Springfield Terminal	0.425		0.425		0.429		0.429	
	National Reconnaissance Office	0.003	0.181	0.003	0.181	0.003	0.181	0.003	0.181
	Noman M Cole Jr Pollution Control Plant	0.028	0.776	0.028	0.776	0.029	0.792	0.029	0.792
	Pentagon Reservation	0.034	0.126	0.034	0.126	0.034	0.126	0.034	0.126
	Potomac River Generating Station	0.120	20.158	0.120	15.964	0.121	20.415	0.121	5.819
	Prince William County Sanitary Landfill	0.020	0.115	0.020	0.105	0.021	0.115	0.021	0.105
	Science Applications International Corp.	0.017	0.589	0.017	0.589	0.017	0.589	0.017	0.589
	Superior Paving Corp - Centreville Plt	0.071	0.042	0.071	0.042	0.072	0.042	0.072	0.042
	Superior Paving Corp - Leesburg Plant	0.058	0.035	0.058	0.035	0.059	0.036	0.059	0.036
	Transcontinental Gas Pipeline-Station 185	0.044	0.625	0.044	0.625	0.044	0.625	0.044	0.625
	TransMontaigne Product Services Inc - Fairfax	0.331		0.331		0.334		0.334	
	Tuscarora Incorporated	0.352	0.009	0.352	0.009	0.358	0.009	0.358	0.009
	US Army - Fort Belvoir	0.044	0.164	0.044	0.574	0.045	0.574	0.045	0.574
	US Army - Fort Myer	0.027	0.080	0.027	0.080	0.028	0.080	0.028	0.080
	US Marine Corps - Quantico	0.084	0.074	0.084	0.074	0.086	0.074	0.086	0.074
	Vertis Inc.	0.127	0.007	0.127	0.007	0.129	0.007	0.129	0.007
	Virginia Paving Company Alexandria Plant	0.056	0.101	0.056	0.101	0.057	0.102	0.057	0.102
	Washington Gas Light Company	0.027	0.316	0.027	0.316	0.027	0.316	0.027	0.316
<b>Total</b>		<b>8.398</b>	<b>56.568</b>	<b>8.398</b>	<b>49.339</b>	<b>8.809</b>	<b>57.401</b>	<b>8.724</b>	<b>38.422</b>