

**APPENDIX C – BIOFILTERS IN OPERATION AT COMPOSTING  
FACILITIES IN THE UNITED STATES**

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Facility	Location	Compost Mix	System	Enclosure	Test Date	Control Eff. (%)		Comments
						NH3	VOC	
Burlington County Board of Chosen Freeholders	Burlington County, New Jersey	Biosolids & shredded yard/wood waste	Agitated bed in-vessel	Active composting & curing	4/99 & 7/99	not avail.	not avail.	No inlet data. Ave. outlet VOC is 8.7 ppm.
City of Columbus	Columbus, Ohio	Biosolids & amendments	ASP pilot project	Active composting	Oct-99			Odor-emissions test. 86.7% reduction with building enclosure.
City of Lockport	Lockport, New York	Biosolids, yardwate & wood chips	IPS in-vessel agitated bed	Mixing & active composting	7/20/92 - 7/22/92	86	not avail.	
Griffith Park Composting	Los Angeles, CA	Biosolids & manure & wood chips	Negative pressure ASP	No enclosure	Aug-97	98.7 - 99.8	93.2 - 97.4	Control efficiency of 2 biofilters
Joint Water Pollution Control Plant (L.A. Co. Sanitation)	Carson, CA	Biosolids & amendments	In-vessel pilot project		5 & 6/95	99.8	99.4	With venturi scrubber & activated carbon bed
Las Virgenes Municipal Water District	Calabasa, California	Biosolids & wood chips	IPS in-vessel agitated bed	Mixing & active composting & curing & storageTotal	Aug-94	98.6 - 99.4	not avail.	
Philadelphia Water Dept. - Bioslids Recycling Center	Philadelphia	Biosolids & woodchips	Negative pressure aerated static pile (ASP)	No enclosure	Dec-00	not avail.	80 - 95	90% control efficiency achieved after improvement made to biofilter design

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Rockland County Solid Waste Management Authority	Rockland County, New York	Biosolids & shredded yard waste	IPS in-vessel agitated bed	Mixing & active composting & curing	4 & 5 & 6/99	97 - 99	not avail.	
Solid Waste Authority of Palm Beach County	W. Palm Beach, Florida	Biosolids & yard waste	IPS in-vessel agitated bed	Mixing & active composting		75		Verbally stated.
Synagro	Corona, CA	Biosolids & amendments	Pilot project - enclosed ASP	Mixing & active composting	Aug-99	99	not avail.	Odor test
Town of Dartmouth	S. Dartmouth, Massachusetts	Biosolids & yard waste	IPS in-vessel agitated bed		5/93 & 12/93	98 - > 99	not avail.	