

**Summary of Analytical Results for Air Samples -- October 2011**  
**School P.S. 199M**  
**Manhattan, New York**

Analysis	Analyte	Sample Location:	Office Floor	Office Floor	Office Floor	Room 106 Floor 1			Room 108	Room 110	Room 112	Room 114	Room 116
			1	1	1				Floor 1	Floor 1	Floor 1	Floor 1	Floor 1
		Sample ID:	199-100-AR- POST-1	199-102-AR- POST-2	199-104-AR- POST-3	199-106-AR- POST-4	199-106-AR- POST-4B	Total	199-108-AR- POST-5	199-110-AR- POST-6	199-112-AR- POST-7	199-114-AR- POST-8	199-116-AR- POST-9
			Sample Date:		10/29-30/2011	10/29-30/2011	10/29-30/2011		10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011
		Actual volume (L):	2043	2055	2053	2094	2094		2043	2051	2081	2051	2090
		Standard volume (L):	2087	2099	2097	2139	2139		2087	2095	2126	2095	2135
<b>PCBs</b> (ng/m3)	Aroclor 1016		47.9 U	47.6 U	47.7 U	46.8 U	46.8 U	46.8 U	47.9 U	47.7 U	47.0 U	47.7 U	46.8 U
	Aroclor 1221		47.9 U	47.6 U	47.7 U	46.8 U	46.8 U	46.8 U	47.9 U	47.7 U	47.0 U	47.7 U	46.8 U
	Aroclor 1232		47.9 U	47.6 U	47.7 U	46.8 U	46.8 U	46.8 U	47.9 U	47.7 U	47.0 U	47.7 U	46.8 U
	Aroclor 1242		47.9 U	47.6 U	47.7 U	46.8 U	46.8 U	46.8 U	47.9 U	47.7 U	47.0 U	47.7 U	46.8 U
	Aroclor 1248		<b>71.2</b>	47.6 U	47.7 U	<b>86.0</b>	46.8 U	<b>86.0</b>	<b>70.8</b>	<b>75.3</b>	47.0 U	47.7 U	<b>69.6</b>
	Aroclor 1254		47.9 U	47.6 U	47.7 U	46.8 U	46.8 U	46.8 U	47.9 U	47.7 U	47.0 U	47.7 U	46.8 U
	Aroclor 1260		47.9 U	47.6 U	47.7 U	46.8 U	46.8 U	46.8 U	47.9 U	47.7 U	47.0 U	47.7 U	46.8 U
	Total PCBs		<b>71.2</b>	47.6 U	47.7 U	<b>86.0</b>	46.8 U	<b>86.0</b>	<b>70.8</b>	<b>75.3</b>	47.0 U	47.7 U	<b>69.6</b>
		Guidance Value*:	300	300	300	300	300	300	100	100	100	100	100

**Notes:**

ng/m3 - nanograms per cubic meter.

U - Compound was not detected at specified quantitation limit.

Values in **Bold** indicate the compound was detected.

PCBs - Polychlorinated Biphenyls.

Values shown in **Bold and shaded type** exceed the listed Guidance Level.

\*- EPA Guidance values for schools are 300 ng/m3, with targets of 100 ng/m3 in kindergarten and pre-kindergarten classrooms and 450 ng/m3 for faculty/staff areas.

\*\* - Sample destroyed during laboratory extraction procedure due to crack in glassware.

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**Manhattan, New York**

Analysis	Analyte	Sample Location:	Room 118	Room 120	Room 124	Room 126	Office Floor	Office Floor	Office Floor	Office Floor	Café Floor 1	Auditorium Floor 1	
			Floor 1	Floor 1	Floor 1	Floor 1	1	1	1	1		1	1
		Sample ID:	199-118-AR-POST-10	199-120-AR-POST-11	199-124-AR-POST-12	199-126-AR-POST-13	199-128/130-AR-POST-14	199-132-AR-POST-15	199-136-AR-POST-16	199-150-AR-POST-17	199-CAFE-AR-POST-18	199-AUDIT-AR-POST-19	199-AUDIT-AR-POST-20
		Sample Date:	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011
		Actual volume (L):	2044	2033	2053	2023	2051	2113	2027	2016	2062	2044	2042
		Standard volume (L):	2088	2077	2097	2066	2095	2158	2070	2059	2106	2088	2086
													Field Dup
<b>PCBs</b> (ng/m3)	Aroclor 1016		47.9 U	48.1 U	47.7 U	48.4 U	47.7 U	46.3 U	48.3 U	48.6 U	47.5 U	47.9 U	47.9 U
	Aroclor 1221		47.9 U	48.1 U	47.7 U	48.4 U	47.7 U	46.3 U	48.3 U	48.6 U	47.5 U	47.9 U	47.9 U
	Aroclor 1232		47.9 U	48.1 U	47.7 U	48.4 U	47.7 U	46.3 U	48.3 U	48.6 U	47.5 U	47.9 U	47.9 U
	Aroclor 1242		47.9 U	48.1 U	47.7 U	48.4 U	47.7 U	46.3 U	48.3 U	48.6 U	47.5 U	47.9 U	47.9 U
	Aroclor 1248		<b>94.9</b>	<b>56.4</b>	<b>54.0</b>	48.4 U	47.7 U	46.3 U	<b>60.5</b>	48.6 U	<b>62.0</b>	47.9 U	47.9 U
	Aroclor 1254		<b>74.3</b>	48.1 U	47.7 U	48.4 U	47.7 U	46.3 U	48.3 U	48.6 U	47.5 U	47.9 U	47.9 U
	Aroclor 1260		47.9 U	48.1 U	47.7 U	48.4 U	47.7 U	46.3 U	48.3 U	48.6 U	47.5 U	47.9 U	47.9 U
	Total PCBs		<b>169.2</b>	<b>56.4</b>	<b>54.0</b>	48.4 U	47.7 U	46.3 U	<b>60.5</b>	48.6 U	<b>62.0</b>	47.9 U	47.9 U
		Guidance Value*:	100	300	300	300	300	300	300	300	300	300	300

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Analysis	Analyte	Sample Location:	Locker Room	Gym Floor 2			Room 202	Room 204	Room 206	Room 208 Floor 2			Room 210	Room 212
			Floor 2	Floor 2			Floor 2	Floor 2	Floor 2	Floor 2			Floor 2	Floor 2
		Sample ID:	199-LOCKER-AR-POST-21	199-GYM-AR-POST-22	199-GYM-AR-POST-23	199-202-AR-POST-24	199-204-AR-POST-25	199-206-AR-POST-26	199-208-AR-POST-27	199-208-AR-POST-27B	Total	199-210-AR-POST-28	199-212-AR-POST-29	
		Sample Date:	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	
		Actual volume (L):	2072	2051	2060	2057	2038	2066	2033	2033		2105	2076	
		Standard volume (L):	2116	2095	2104	2101	2082	2110	2077	2077		2150	2020	
					Field Dup									
<b>PCBs</b> (ng/m3)	Aroclor 1016		47.3 U	47.7 U	47.5 U	47.6 U	48.0 U	47.4 U	48.1 U	48.1 U	48.1 U	46.5 U	47.2 U	
	Aroclor 1221		47.3 U	47.7 U	47.5 U	47.6 U	48.0 U	47.4 U	48.1 U	48.1 U	48.1 U	46.5 U	47.2 U	
	Aroclor 1232		47.3 U	47.7 U	47.5 U	47.6 U	48.0 U	47.4 U	48.1 U	48.1 U	48.1 U	46.5 U	47.2 U	
	Aroclor 1242		47.3 U	47.7 U	47.5 U	47.6 U	48.0 U	47.4 U	48.1 U	48.1 U	48.1 U	46.5 U	47.2 U	
	Aroclor 1248		47.3 U	<b>152</b>	<b>163</b>	<b>81.0</b>	<b>124</b>	<b>83.2</b>	<b>104</b>	48.1 U	<b>104</b>	<b>68.9</b>	<b>101</b>	
	Aroclor 1254		47.3 U	<b>161</b>	<b>164</b>	<b>66.5</b>	<b>70.6</b>	<b>57.7</b>	48.1 U	48.1 U	48.1 U	46.5 U	47.2 U	
	Aroclor 1260		47.3 U	47.7 U	47.5 U	47.6 U	48.0 U	47.4 U	48.1 U	48.1 U	48.1 U	46.5 U	47.2 U	
	Total PCBs		47.3 U	<b>313</b>	<b>327</b>	<b>147.5</b>	<b>194.6</b>	<b>140.9</b>	<b>104</b>	48.1 U	<b>104</b>	<b>68.9</b>	<b>101</b>	
		Guidance Value*:	300	300	300	300	300	300	300	300	300	300	300	

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Analysis	Analyte	Sample Location:	Room 214	Room 216	Room 218	Room 220	Room 222	Library Floor 2			Room 224	Room 232	Room 233	
			Floor 2	Floor 2	Floor 2	Floor 2	Floor 2				Floor 2	Floor 2	Floor 2	
			Sample ID:	199-214-AR- POST-30	199-216-AR- POST-31	199-218-AR- POST-32	199-220-AR- POST-33	199-222-AR- POST-34	199- LIBRARY- AR-POST-35 Front Half	199- LIBRARY- AR-POST- 35B Back Half	<b>Total</b>	199-224-AR- POST-36	199-232-AR- POST-37	199-233-AR- POST-38
			Sample Date:	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011
Actual volume (L):		2058	2054	2047	2067	2059	2068	2068		2055	2068	2053		
Standard volume (L):		2102	2098	2091	2111	2103	2112	21112		2099	2112	2097		
<b>PCBs</b> (ng/m3)														
	Aroclor 1016	47.6 U	47.7 U	47.8 U	47.4 U	47.6 U	47.3 U	47.3 U	47.3 U	47.6 U	47.3 U	47.7 U		
	Aroclor 1221	47.6 U	47.7 U	47.8 U	47.4 U	47.6 U	47.3 U	47.3 U	47.3 U	47.6 U	47.3 U	47.7 U		
	Aroclor 1232	47.6 U	47.7 U	47.8 U	47.4 U	47.6 U	47.3 U	47.3 U	47.3 U	47.6 U	47.3 U	47.7 U		
	Aroclor 1242	47.6 U	47.7 U	47.8 U	47.4 U	47.6 U	47.3 U	47.3 U	47.3 U	47.6 U	47.3 U	47.7 U		
	Aroclor 1248	47.6 U	<b>61.9</b>	<b>100</b>	<b>87.3</b>	<b>53.7</b>	<b>183</b>	47.3 U	<b>183</b>	<b>79.3</b>	47.3 U	47.7 U		
	Aroclor 1254	47.6 U	47.7 U	<b>75.8</b>	<b>66.1</b>	47.6 U	<b>100</b>	47.3 U	<b>100</b>	47.6 U	47.3 U	47.7 U		
	Aroclor 1260	47.6 U	47.7 U	47.8 U	47.4 U	47.6 U	47.3 U	47.3 U	47.3 U	47.6 U	47.3 U	47.7 U		
	Total PCBs	47.6 U	<b>61.9</b>	<b>175.8</b>	<b>153.4</b>	<b>53.7</b>	<b>283</b>	47.3 U	<b>283</b>	<b>79.3</b>	47.3 U	47.7 U		
	Guidance Value*:	300	300	300	300	300	300	300	300	300	300	300		

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Analysis	Analyte	Sample Location:	Room 234 Floor 2			Room 302 Floor 3	Room 304 Floor 3	Room 306 Floor 3			Room 308 Floor 3	Room 310 Floor 3	
			Sample ID:	199-234-AR- POST-39	199-234-AR- POST-39B	Total	199-302-AR- POST-40	199-304-AR- POST-41	199-306-AR- POST-42	199-306-AR- POST-42B	Total	199-308-AR- POST-43	199-310-AR- POST-44
				Front Half	Back Half				Front Half	Back Half			
			Sample Date:	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011
Actual volume (L):	2035	2035		2078	2081	2050	2050		2070	2067			
Standard volume (L):	2079	2079		2122	2126	2094	2094		2114	2111			
<b>PCBs</b> (ng/m3)													
	Aroclor 1016	48.1 U	48.1 U	48.1 U	47.1 U	47.0 U	47.8 U	47.8 U	47.8 U	47.3 U	47.4 U		
	Aroclor 1221	48.1 U	48.1 U	48.1 U	47.1 U	47.0 U	47.8 U	47.8 U	47.8 U	47.3 U	47.4 U		
	Aroclor 1232	48.1 U	48.1 U	48.1 U	47.1 U	47.0 U	47.8 U	47.8 U	47.8 U	47.3 U	47.4 U		
	Aroclor 1242	48.1 U	48.1 U	48.1 U	47.1 U	47.0 U	47.8 U	47.8 U	47.8 U	47.3 U	47.4 U		
	Aroclor 1248	<b>119</b>	48.1 U	<b>119</b>	<b>144</b>	<b>124</b>	<b>231</b>	47.8 U	<b>231</b>	<b>198</b>	<b>214</b>		
	Aroclor 1254	48.1 U	48.1 U	48.1 U	<b>102</b>	47.0 U	<b>179</b>	47.8 U	<b>179</b>	<b>156</b>	<b>171</b>		
	Aroclor 1260	48.1 U	48.1 U	48.1 U	47.1 U	47.0 U	47.8 U	47.8 U	47.8 U	47.3 U	47.4 U		
	Total PCBs	<b>119</b>	48.1 U	<b>119</b>	<b>246</b>	<b>124</b>	<b>410</b>	47.8 U	<b>410</b>	<b>354</b>	<b>385</b>		
	Guidance Value*:	300	300	300	300	300	300	300	300	300	300		

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Analysis	Analyte	Sample Location:	Room 312 Floor 3		Room 314 Floor 3	Room 316 Floor 3	Room 318 Floor 3	Room 320 Floor 3	Room 322 Floor 3	Room 324 Floor 3	Room 326 Floor 3	Room 328 Floor 3	Room 330 Floor 3
			Sample ID:	Sample ID:	Sample ID:	Sample ID:	Sample ID:	Sample ID:	Sample ID:	Sample ID:	Sample ID:	Sample ID:	Sample ID:
			199-312-AR- POST-45	199-312-AR- POST-46	199-314-AR- POST-47	199-316-AR- POST-48	199-318-AR- POST-49	199-320-AR- POST-50	199-322-AR- POST-51	199-324-AR- POST-52	199-326-AR- POST-53	199-328-AR- POST-54	199-330-AR- POST-55
		Sample Date:	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011
		Actual volume (L):	2075	2075	2049	2087	2087	2064	2015	2058	2047	2050	2061
		Standard volume (L):	2119	2119	2093	2132	2132	2108	2058	2102	2091	2094	2105
				Field Dup								**	
<b>PCBs</b> (ng/m3)	Aroclor 1016		47.2 U	47.2 U	47.8 U	46.9 U	46.9 U	47.4 U	48.6 U	47.6 U	47.8 U		47.5 U
	Aroclor 1221		47.2 U	47.2 U	47.8 U	46.9 U	46.9 U	47.4 U	48.6 U	47.6 U	47.8 U		47.5 U
	Aroclor 1232		47.2 U	47.2 U	47.8 U	46.9 U	46.9 U	47.4 U	48.6 U	47.6 U	47.8 U		47.5 U
	Aroclor 1242		47.2 U	47.2 U	47.8 U	46.9 U	46.9 U	47.4 U	48.6 U	47.6 U	47.8 U		47.5 U
	Aroclor 1248		<b>145</b>	<b>146</b>	<b>199</b>	<b>118</b>	<b>109</b>	<b>93.5</b>	<b>221</b>	<b>113</b>	<b>94.4</b>		47.5 U
	Aroclor 1254		<b>142</b>	<b>151</b>	<b>173</b>	<b>121</b>	<b>122</b>	<b>85.6</b>	<b>193</b>	<b>76.4</b>	<b>76.4</b>		47.5 U
	Aroclor 1260		47.2 U	47.2 U	47.8 U	46.9 U	46.9 U	47.4 U	48.6 U	47.6 U	47.8 U		47.5 U
	Total PCBs		<b>287</b>	<b>297</b>	<b>372</b>	<b>239</b>	<b>231</b>	<b>179.1</b>	<b>414</b>	<b>189.4</b>	<b>170.8</b>		47.5 U
		Guidance Value*:	300	300	300	300	300	300	300	300	300	300	300

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Manhattan, New York**

Analysis	Analyte	Sample Location:	Lounge Floor	Room 333	Room 334	Room 336 Floor 3			Ambient
			3	Floor 3	Floor 3				Exterior
		Sample ID:	199-332-AR- POST-56	199-333-AR- POST-57	199-334-AR- POST-58	199-336-AR- POST-59	199-336-AR- POST-59B	<b>Total</b>	199-AMB- AR-POST-60
						Front Half	Back Half		
		Sample Date:	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011	10/29-30/2011
		Actual volume (L):	2052	2047	2049	2046	2046		2089
		Standard volume (L):	2096	2091	2093	2090	2090		2134
<b>PCBs</b> (ng/m3)	Aroclor 1016		47.7 U	47.8 U	47.8 U	47.8 U	47.8 U	47.8 U	46.9 U
	Aroclor 1221		47.7 U	47.8 U	47.8 U	47.8 U	47.8 U	47.8 U	46.9 U
	Aroclor 1232		47.7 U	47.8 U	47.8 U	47.8 U	47.8 U	47.8 U	46.9 U
	Aroclor 1242		47.7 U	47.8 U	47.8 U	47.8 U	47.8 U	47.8 U	46.9 U
	Aroclor 1248		47.7 U	47.8 U	<b>61.4</b>	<b>99.0</b>	47.8 U	<b>99.0</b>	46.9 U
	Aroclor 1254		47.7 U	47.8 U	47.8 U	<b>76.2</b>	47.8 U	<b>76.2</b>	46.9 U
	Aroclor 1260		47.7 U	47.8 U	47.8 U	47.8 U	47.8 U	47.8 U	46.9 U
	Total PCBs		47.7 U	47.8 U	<b>61.4</b>	<b>175.2</b>	47.8 U	<b>175.2</b>	46.9 U
		Guidance Value*:	300	300	300	300	300	300	300

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