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06/11/2002 13:10 FAX 2129444618 AMBIENT GROUP 022

130 Liberty Street
Bulk Heavy Metals Results
Occupied Areas surveyed on September 28, 2001
Air Plenums and Ducts surveyed January 16 to 19, 2002
Elevators surveyed January 21 and 22, 2002

Floor #	Area	Range of Results (ppm)						Notes
		Cadmium	Chromium	Copper	Lead	Nickel	Zinc	
28	Occupied area	-	-	-	-	-	-	
	Return air plenum	<0.341 - 2.92	27 - 383	51 - 1680	<22.7 - 346	18.7 - 68	402 - 2840	
	Supply air ducts	-	-	-	-	-	-	
27	Occupied area	13.8 - 22	61 - 67	371 - 678	189 - 318	11.7 - 56	1667 - 1757	
	Return air plenum	<0.985 - 18.3	15.1 - 488	16.1 - 392	4.23 - 303	<11.6 - 73	230 - 2140	
	Supply air ducts	-	-	-	-	-	-	
26	Occupied area	-	-	-	-	-	-	
	Return air plenum	<1.16 - 16.3	34 - 154	19.9 - 587	10.4 - 399	<5.78 - 69.4	98.3 - 2170	
	Supply air ducts	-	-	-	-	-	-	
25	Occupied area	15.9 - 68	65 - 203	403 - 2122	339 - 554	60 - 122	1892 - 2568	
	Return air plenum	<0.389 - 12.9	129 - 1390	55 - 2720	29 - 2070	40 - 504	595 - 16700	
	Supply air ducts	-	-	-	-	-	-	
24	Occupied area	-	-	-	-	-	-	
	Return air plenum	3.08 - 9.77	58.1 - 166	164 - 2040	128 - 345	<19.1 - 43	1330 - 3250	
	Supply air ducts	-	-	-	-	-	-	
23	Occupied area	14.9 - 17.8	82 - 89	383 - 439	311 - 342	36 - 71	1976 - 2167	
	Return air plenum	4.92 - 73	84 - 227	97 - 986	107 - 3620	35 - 98	980 - 39000	
	Supply air ducts	-	-	-	-	-	-	
22	Occupied area	-	-	-	-	-	-	
	Return air plenum	<0.579 - 6.01	33 - 241	59.2 - 593	<15 - 338	19.4 - 50.8	626 - 4080	
	Supply air ducts	-	-	-	-	-	-	
21	Occupied area	5.6 - 16.7	65.7 - 157	162 - 1090	111 - 894	16 - 52.7	1250 - 5240	
	Return air plenum	-	-	-	-	-	-	
	Supply air ducts	-	-	-	-	-	-	
20	Occupied area	-	-	-	-	-	-	
	Return air plenum	-	-	-	-	-	-	
	Supply air ducts	-	-	-	-	-	-	
19	Occupied area	5.41 - 5.91	71.0 - 78.8	120 - 125	50 - 55	10 - 11	869 - 941	
	Return air plenum	-	-	-	-	-	-	
	Supply air ducts	-	-	-	-	-	-	
18	Occupied area	-	-	-	-	-	-	
	Return air plenum	-	-	-	-	-	-	
	Supply air ducts	-	-	-	-	-	-	

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130 Liberty Street
Bulk Heavy Metals Results
Occupied Areas surveyed on September 28, 2001
Air Plenums and Ducts surveyed January 16 to 19, 2002
Elevators surveyed January 21 and 22, 2002

Floor #	Area	Range of Results (ppm)						Notes
		Cadmium	Chromium	Copper	Lead	Nickel	Zinc	
17	Occupied area	5.94 - 6.13	85.15 - 93.22	135.15 - 166.74	63.37 - 101.09	15 - 17	1114 - 1173	
	Return air plenum	-	-	-	-	-	-	
	Supply air ducts	-	-	-	-	-	-	
16	Occupied area	-	-	-	-	-	-	
	Return air plenum	<2.93 - 19.2	58.8 - 199	336 - 1530	87.1 - 702	24 - 61	519 - 3200	
	Supply air ducts	-	-	-	-	-	-	
15	Occupied area	4.71 - 6.56	62 - 64	102 - 124	34 - 48	7.06 - 9.26	773 - 976	
	Return air plenum	-	-	-	-	-	-	
	Supply air ducts	-	-	-	-	-	-	
14	Occupied area	-	-	-	-	-	-	
	Return air plenum	-	-	-	-	-	-	
	Supply air ducts	-	-	-	-	-	-	
12	Occupied area	6.04 - 6.61	84 - 90	136 - 145	48 - 61	10.5 - 11.3	1043 - 1047	
	Return air plenum	6.67 - 8.63	77 - 109	146 - 1220	193 - 306	27 - 37	1190 - 43900	
	Supply air ducts	-	-	-	-	-	-	
11	Occupied area	5.92 - 6.28	109 - 142	126 - 148	39 - 66	16.6 - 22	900 - 953	
	Return air plenum	-	-	-	-	-	-	
	Supply air ducts	-	-	-	-	-	-	
10	Occupied area	5.08 - 5.74	95 - 149	103 - 168	37 - 72	12.6 - 24	789 - 1008	
	Return air plenum	-	-	-	-	-	-	
	Supply air ducts	-	-	-	-	-	-	
9	Occupied area	5.6 - 9. 08	124 - 144	165 - 218	32.9 - 103	16.4 - 23	956 - 1598	
	Return air plenum	-	-	-	-	-	-	
	Supply air ducts	-	-	-	-	-	-	
8	Occupied area	12.5 - 44	53 - 56	197 - 200	170 - 172	9.21 - 14.0	1149 - 1245	
	Return air plenum	6.44 - 18.3	78 - 158	225 - 756	173 - 455	29 - 57	1350 - 2620	
	Supply air ducts	-	-	-	-	-	-	
7	Occupied area	7.93 - 14.8	61 - 87	132 - 183	9.01 - 137	10.8 - 11.0	984 - 1184	
	Return air plenum	5.27 - 10.3	74 - 153	189 - 706	160 - 340	23 - 54	1150 - 3580	
	Supply air ducts	-	-	-	-	-	-	
5	Occupied area	4.69 - 5.81	55 - 71	77 - 171	38 - 233	8.71 - 11.3	1162 - 3113	
	Return air plenum	5.43 - 49	64 - 127	150 - 399	101 - 279	19.5 - 35	1640 - 9640	
	Supply air fans	2.77 - 41	54 - 192	113 - 686	165 - 2750	16.1 - 48	2270 - 16600	

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130 Liberty Street
Bulk Heavy Metals Results
Occupied Areas surveyed on September 28, 2001
Air Plenums and Ducts surveyed January 16 to 19, 2002
Elevators surveyed January 21 and 22, 2002

Floor #	Area	Range of Results (ppm)						Notes
		Cadmium	Chromium	Copper	Lead	Nickel	Zinc	
4	Occupied area	8.37 - 13.4	74 - 82	130 - 234	37 - 181	10.6 - 11.2	999 - 1297	
	Return air plenum	3.2 - 84	57 - 2070	105 - 1010	84 - 1130	16.4 - 1130	1300 - 8690	
	Supply air ducts	-	-	-	-	-	-	
3	Occupied area	6.32 - 11.9	71 - 78	130 - 234	6.32 - 158	10.7 - 12.3	1074 - 1727	
	Return air plenum	<0.580 - 11.4	61.7 - 181	105 - 1170	145 - 506	32 - 80	2320 - 4360	
	Supply air ducts	-	-	-	-	-	-	
2	Occupied area	6.38 - 7.98	79 - 85	118 - 166	6.78	14.4	965 - 1045	
	Return air plenum	4.63 - 10.4	80 - 105	141 - 1660	120 - 296	23 - 44	1400 - 2380	
	Supply air ducts	-	-	-	-	-	-	
1	Occupied area	-	-	-	-	-	-	
	Return air plenum	5.20 - 14.1	194 - 241	58 - 212	162 - 340	55 - 79	127 - 375	
	Supply air ducts	-	-	-	-	-	-	
B	Occupied area	-	-	-	-	-	-	
	Return air plenum	<4.88 - 16.4	65 - 130	454 - 664	212 - 808	28 - 48	704 - 4560	
	Supply air ducts	-	-	-	-	-	-	
A	Occupied area	-	-	-	-	-	-	
	Return air plenum	3.18 - 41	49 - 271	215 - 1390	27 - 1220	7.54 - 85	468 - 17600	
	Supply air ducts	-	-	-	-	-	-	
Elevators	Pits	0.81 - 10.3	75 - 97	129 - 446	43 - 3050	18.9 - 36	929 - 1450	
	Cars	2.69 - 4.29	48 - 83	70 - 271	47 - 192	15.5 - 19.8	987 - 1660	
	Machine Rooms	<1.51 - 366	94 - 219	928 - 23700	258 - 448	51 - 131	1700 - 33100	
	Shafts	-	-	-	-	-	-	

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