

## LMDC Summary of Metals in Air

Client: **Lower Manhattan Development Corp.**  
 Address: One Liberty Plaza, 20th Floor  
 New York, NY 10006

<u>Date Collected</u>	<u>Sample Location</u>	<u>Parameter</u>	<u>Results</u>	<u>Units</u>	<u>CC</u>	<u>Flag</u>
4/8/05	Washington Street/Albany Street	Barium, Total	<0.868	µg/m <sup>3</sup>	500	
4/8/05	Washington Street/Albany Street	Beryllium, Total	<0.035	µg/m <sup>3</sup>	1	
4/8/05	Washington Street/Albany Street	Cadmium, Total	<0.035	µg/m <sup>3</sup>	2.5	
4/8/05	Washington Street/Albany Street	Chromium, Total	<0.087	µg/m <sup>3</sup>	500	
4/8/05	Washington Street/Albany Street	Copper, Total	<0.174	µg/m <sup>3</sup>	500	
4/8/05	Washington Street/Albany Street	Lead, Total	0.1460	µg/m <sup>3</sup>	30	
4/8/05	Washington Street/Albany Street	Manganese, Total	<0.130	µg/m <sup>3</sup>	1000	
4/8/05	Washington Street/Albany Street	Nickel, Total	<0.174	µg/m <sup>3</sup>	500	
4/8/05	Washington Street/Albany Street	Zinc, Total	<0.174	µg/m <sup>3</sup>	2500	
4/8/05	Albany Street/Greenwich Street	Barium, Total	<0.868	µg/m <sup>3</sup>	500	
4/8/05	Albany Street/Greenwich Street	Beryllium, Total	<0.035	µg/m <sup>3</sup>	1	
4/8/05	Albany Street/Greenwich Street	Cadmium, Total	<0.035	µg/m <sup>3</sup>	2.5	
4/8/05	Albany Street/Greenwich Street	Chromium, Total	<0.087	µg/m <sup>3</sup>	500	
4/8/05	Albany Street/Greenwich Street	Copper, Total	<0.174	µg/m <sup>3</sup>	500	
4/8/05	Albany Street/Greenwich Street	Lead, Total	0.0940	µg/m <sup>3</sup>	30	
4/8/05	Albany Street/Greenwich Street	Manganese, Total	<0.130	µg/m <sup>3</sup>	1000	
4/8/05	Albany Street/Greenwich Street	Nickel, Total	<0.174	µg/m <sup>3</sup>	500	
4/8/05	Albany Street/Greenwich Street	Zinc, Total	<0.174	µg/m <sup>3</sup>	2500	
4/8/05	Greenwich Street	Barium, Total	<0.890	µg/m <sup>3</sup>	500	
4/8/05	Greenwich Street	Beryllium, Total	<0.036	µg/m <sup>3</sup>	1	
4/8/05	Greenwich Street	Cadmium, Total	<0.036	µg/m <sup>3</sup>	2.5	
4/8/05	Greenwich Street	Chromium, Total	<0.089	µg/m <sup>3</sup>	500	
4/8/05	Greenwich Street	Copper, Total	<0.178	µg/m <sup>3</sup>	500	
4/8/05	Greenwich Street	Lead, Total	<0.089	µg/m <sup>3</sup>	30	
4/8/05	Greenwich Street	Manganese, Total	<0.134	µg/m <sup>3</sup>	1000	
4/8/05	Greenwich Street	Nickel, Total	<0.178	µg/m <sup>3</sup>	500	
4/8/05	Greenwich Street	Zinc, Total	<0.178	µg/m <sup>3</sup>	2500	
4/8/05	Greenwich Street/Liberty Street	Barium, Total	<0.868	µg/m <sup>3</sup>	500	
4/8/05	Greenwich Street/Liberty Street	Beryllium, Total	<0.035	µg/m <sup>3</sup>	1	
4/8/05	Greenwich Street/Liberty Street	Cadmium, Total	<0.035	µg/m <sup>3</sup>	2.5	
4/8/05	Greenwich Street/Liberty Street	Chromium, Total	<0.087	µg/m <sup>3</sup>	500	
4/8/05	Greenwich Street/Liberty Street	Copper, Total	<0.174	µg/m <sup>3</sup>	500	
4/8/05	Greenwich Street/Liberty Street	Lead, Total	<0.087	µg/m <sup>3</sup>	30	
4/8/05	Greenwich Street/Liberty Street	Manganese, Total	<0.130	µg/m <sup>3</sup>	1000	
4/8/05	Greenwich Street/Liberty Street	Nickel, Total	<0.174	µg/m <sup>3</sup>	500	
4/8/05	Greenwich Street/Liberty Street	Zinc, Total	<0.174	µg/m <sup>3</sup>	2500	
4/8/05	Washington Street/Cedar Street	Barium, Total	<0.879	µg/m <sup>3</sup>	500	
4/8/05	Washington Street/Cedar Street	Beryllium, Total	<0.035	µg/m <sup>3</sup>	1	
4/8/05	Washington Street/Cedar Street	Cadmium, Total	<0.035	µg/m <sup>3</sup>	2.5	
4/8/05	Washington Street/Cedar Street	Chromium, Total	<0.088	µg/m <sup>3</sup>	500	
4/8/05	Washington Street/Cedar Street	Copper, Total	<0.176	µg/m <sup>3</sup>	500	
4/8/05	Washington Street/Cedar Street	Lead, Total	<0.088	µg/m <sup>3</sup>	30	
4/8/05	Washington Street/Cedar Street	Manganese, Total	<0.132	µg/m <sup>3</sup>	1000	
4/8/05	Washington Street/Cedar Street	Nickel, Total	<0.176	µg/m <sup>3</sup>	500	
4/8/05	Washington Street/Cedar Street	Zinc, Total	<0.176	µg/m <sup>3</sup>	2500	
4/9/05	Washington Street/Albany Street	Barium, Total	<0.869	µg/m <sup>3</sup>	500	
4/9/05	Washington Street/Albany Street	Beryllium, Total	<0.035	µg/m <sup>3</sup>	1	

CC = Comparison Criteria  
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<u>Date Collected</u>	<u>Sample Location</u>	<u>Parameter</u>	<u>Results</u>	<u>Units</u>	<u>CC</u>	<u>Flag</u>
4/9/05	Washington Street/Albany Street	Cadmium, Total	<0.035	µg/m <sup>3</sup>	2.5	
4/9/05	Washington Street/Albany Street	Chromium, Total	<0.087	µg/m <sup>3</sup>	500	
4/9/05	Washington Street/Albany Street	Copper, Total	<0.174	µg/m <sup>3</sup>	500	
4/9/05	Washington Street/Albany Street	Lead, Total	<0.087	µg/m <sup>3</sup>	30	
4/9/05	Washington Street/Albany Street	Manganese, Total	<0.130	µg/m <sup>3</sup>	1000	
4/9/05	Washington Street/Albany Street	Nickel, Total	<0.174	µg/m <sup>3</sup>	500	
4/9/05	Washington Street/Albany Street	Zinc, Total	<0.174	µg/m <sup>3</sup>	2500	
4/9/05	Albany Street/Greenwich Street	Barium, Total	<0.880	µg/m <sup>3</sup>	500	
4/9/05	Albany Street/Greenwich Street	Beryllium, Total	<0.035	µg/m <sup>3</sup>	1	
4/9/05	Albany Street/Greenwich Street	Cadmium, Total	<0.035	µg/m <sup>3</sup>	2.5	
4/9/05	Albany Street/Greenwich Street	Chromium, Total	<0.088	µg/m <sup>3</sup>	500	
4/9/05	Albany Street/Greenwich Street	Copper, Total	<0.176	µg/m <sup>3</sup>	500	
4/9/05	Albany Street/Greenwich Street	Lead, Total	<0.088	µg/m <sup>3</sup>	30	
4/9/05	Albany Street/Greenwich Street	Manganese, Total	<0.132	µg/m <sup>3</sup>	1000	
4/9/05	Albany Street/Greenwich Street	Nickel, Total	<0.176	µg/m <sup>3</sup>	500	
4/9/05	Albany Street/Greenwich Street	Zinc, Total	<0.176	µg/m <sup>3</sup>	2500	
4/9/05	Greenwich Street	Barium, Total	<0.869	µg/m <sup>3</sup>	500	
4/9/05	Greenwich Street	Beryllium, Total	<0.035	µg/m <sup>3</sup>	1	
4/9/05	Greenwich Street	Cadmium, Total	<0.035	µg/m <sup>3</sup>	2.5	
4/9/05	Greenwich Street	Chromium, Total	<0.087	µg/m <sup>3</sup>	500	
4/9/05	Greenwich Street	Copper, Total	<0.174	µg/m <sup>3</sup>	500	
4/9/05	Greenwich Street	Lead, Total	<0.087	µg/m <sup>3</sup>	30	
4/9/05	Greenwich Street	Manganese, Total	<0.130	µg/m <sup>3</sup>	1000	
4/9/05	Greenwich Street	Nickel, Total	<0.174	µg/m <sup>3</sup>	500	
4/9/05	Greenwich Street	Zinc, Total	<0.174	µg/m <sup>3</sup>	2500	
4/9/05	Greenwich Street/Liberty Street	Barium, Total	<0.890	µg/m <sup>3</sup>	500	
4/9/05	Greenwich Street/Liberty Street	Beryllium, Total	<0.036	µg/m <sup>3</sup>	1	
4/9/05	Greenwich Street/Liberty Street	Cadmium, Total	<0.036	µg/m <sup>3</sup>	2.5	
4/9/05	Greenwich Street/Liberty Street	Chromium, Total	<0.089	µg/m <sup>3</sup>	500	
4/9/05	Greenwich Street/Liberty Street	Copper, Total	<0.178	µg/m <sup>3</sup>	500	
4/9/05	Greenwich Street/Liberty Street	Lead, Total	<0.089	µg/m <sup>3</sup>	30	
4/9/05	Greenwich Street/Liberty Street	Manganese, Total	<0.134	µg/m <sup>3</sup>	1000	
4/9/05	Greenwich Street/Liberty Street	Nickel, Total	<0.178	µg/m <sup>3</sup>	500	
4/9/05	Greenwich Street/Liberty Street	Zinc, Total	<0.178	µg/m <sup>3</sup>	2500	
4/9/05	Washington Street/Cedar Street	Barium, Total	<0.890	µg/m <sup>3</sup>	500	
4/9/05	Washington Street/Cedar Street	Beryllium, Total	<0.036	µg/m <sup>3</sup>	1	
4/9/05	Washington Street/Cedar Street	Cadmium, Total	<0.036	µg/m <sup>3</sup>	2.5	
4/9/05	Washington Street/Cedar Street	Chromium, Total	<0.089	µg/m <sup>3</sup>	500	
4/9/05	Washington Street/Cedar Street	Copper, Total	<0.178	µg/m <sup>3</sup>	500	
4/9/05	Washington Street/Cedar Street	Lead, Total	<0.089	µg/m <sup>3</sup>	30	
4/9/05	Washington Street/Cedar Street	Manganese, Total	<0.134	µg/m <sup>3</sup>	1000	
4/9/05	Washington Street/Cedar Street	Nickel, Total	<0.178	µg/m <sup>3</sup>	500	
4/9/05	Washington Street/Cedar Street	Zinc, Total	<0.178	µg/m <sup>3</sup>	2500	
4/10/05	Washington Street/Albany Street	Barium, Total	<0.87	µg/m <sup>3</sup>	500	
4/10/05	Washington Street/Albany Street	Beryllium, Total	<0.04	µg/m <sup>3</sup>	1	
4/10/05	Washington Street/Albany Street	Cadmium, Total	<0.04	µg/m <sup>3</sup>	2.5	
4/10/05	Washington Street/Albany Street	Chromium, Total	<0.09	µg/m <sup>3</sup>	500	
4/10/05	Washington Street/Albany Street	Copper, Total	<0.17	µg/m <sup>3</sup>	500	

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4/10/05	Washington Street/Albany Street	Lead, Total	0.1100	µg/m <sup>3</sup>	30	
4/10/05	Washington Street/Albany Street	Manganese, Total	<0.13	µg/m <sup>3</sup>	1000	
4/10/05	Washington Street/Albany Street	Nickel, Total	<0.17	µg/m <sup>3</sup>	500	
4/10/05	Washington Street/Albany Street	Zinc, Total	<0.17	µg/m <sup>3</sup>	2500	
4/10/05	Albany Street/Greenwich Street	Barium, Total	<0.87	µg/m <sup>3</sup>	500	
4/10/05	Albany Street/Greenwich Street	Beryllium, Total	<0.04	µg/m <sup>3</sup>	1	
4/10/05	Albany Street/Greenwich Street	Cadmium, Total	<0.04	µg/m <sup>3</sup>	2.5	
4/10/05	Albany Street/Greenwich Street	Chromium, Total	<0.09	µg/m <sup>3</sup>	500	
4/10/05	Albany Street/Greenwich Street	Copper, Total	<0.17	µg/m <sup>3</sup>	500	
4/10/05	Albany Street/Greenwich Street	Lead, Total	0.1500	µg/m <sup>3</sup>	30	
4/10/05	Albany Street/Greenwich Street	Manganese, Total	<0.13	µg/m <sup>3</sup>	1000	
4/10/05	Albany Street/Greenwich Street	Nickel, Total	<0.17	µg/m <sup>3</sup>	500	
4/10/05	Albany Street/Greenwich Street	Zinc, Total	<0.17	µg/m <sup>3</sup>	2500	
4/10/05	Greenwich Street	Barium, Total	<0.87	µg/m <sup>3</sup>	500	
4/10/05	Greenwich Street	Beryllium, Total	<0.04	µg/m <sup>3</sup>	1	
4/10/05	Greenwich Street	Cadmium, Total	<0.04	µg/m <sup>3</sup>	2.5	
4/10/05	Greenwich Street	Chromium, Total	<0.09	µg/m <sup>3</sup>	500	
4/10/05	Greenwich Street	Copper, Total	<0.17	µg/m <sup>3</sup>	500	
4/10/05	Greenwich Street	Lead, Total	<0.09	µg/m <sup>3</sup>	30	
4/10/05	Greenwich Street	Manganese, Total	<0.13	µg/m <sup>3</sup>	1000	
4/10/05	Greenwich Street	Nickel, Total	<0.17	µg/m <sup>3</sup>	500	
4/10/05	Greenwich Street	Zinc, Total	<0.17	µg/m <sup>3</sup>	2500	
4/10/05	Greenwich Street/Liberty Street	Barium, Total	<0.87	µg/m <sup>3</sup>	500	
4/10/05	Greenwich Street/Liberty Street	Beryllium, Total	<0.04	µg/m <sup>3</sup>	1	
4/10/05	Greenwich Street/Liberty Street	Cadmium, Total	<0.04	µg/m <sup>3</sup>	2.5	
4/10/05	Greenwich Street/Liberty Street	Chromium, Total	<0.09	µg/m <sup>3</sup>	500	
4/10/05	Greenwich Street/Liberty Street	Copper, Total	<0.17	µg/m <sup>3</sup>	500	
4/10/05	Greenwich Street/Liberty Street	Lead, Total	<0.09	µg/m <sup>3</sup>	30	
4/10/05	Greenwich Street/Liberty Street	Manganese, Total	<0.13	µg/m <sup>3</sup>	1000	
4/10/05	Greenwich Street/Liberty Street	Nickel, Total	<0.17	µg/m <sup>3</sup>	500	
4/10/05	Greenwich Street/Liberty Street	Zinc, Total	<0.17	µg/m <sup>3</sup>	2500	
4/10/05	Washington Street/Cedar Street	Barium, Total	<0.88	µg/m <sup>3</sup>	500	
4/10/05	Washington Street/Cedar Street	Beryllium, Total	<0.04	µg/m <sup>3</sup>	1	
4/10/05	Washington Street/Cedar Street	Cadmium, Total	<0.04	µg/m <sup>3</sup>	2.5	
4/10/05	Washington Street/Cedar Street	Chromium, Total	<0.09	µg/m <sup>3</sup>	500	
4/10/05	Washington Street/Cedar Street	Copper, Total	<0.18	µg/m <sup>3</sup>	500	
4/10/05	Washington Street/Cedar Street	Lead, Total	<0.09	µg/m <sup>3</sup>	30	
4/10/05	Washington Street/Cedar Street	Manganese, Total	<0.13	µg/m <sup>3</sup>	1000	
4/10/05	Washington Street/Cedar Street	Nickel, Total	<0.18	µg/m <sup>3</sup>	500	
4/10/05	Washington Street/Cedar Street	Zinc, Total	<0.18	µg/m <sup>3</sup>	2500	
4/11/05	Washington Street/Albany Street	Barium, Total	<0.87	µg/m <sup>3</sup>	500	
4/11/05	Washington Street/Albany Street	Beryllium, Total	<0.04	µg/m <sup>3</sup>	1	
4/11/05	Washington Street/Albany Street	Cadmium, Total	<0.04	µg/m <sup>3</sup>	2.5	
4/11/05	Washington Street/Albany Street	Chromium, Total	<0.09	µg/m <sup>3</sup>	500	
4/11/05	Washington Street/Albany Street	Copper, Total	<0.17	µg/m <sup>3</sup>	500	
4/11/05	Washington Street/Albany Street	Lead, Total	0.1700	µg/m <sup>3</sup>	30	
4/11/05	Washington Street/Albany Street	Manganese, Total	<0.13	µg/m <sup>3</sup>	1000	
4/11/05	Washington Street/Albany Street	Nickel, Total	<0.17	µg/m <sup>3</sup>	500	

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<u>Date Collected</u>	<u>Sample Location</u>	<u>Parameter</u>	<u>Results</u>	<u>Units</u>	<u>CC</u>	<u>Flag</u>
4/11/05	Washington Street/Albany Street	Zinc, Total	<0.17	µg/m <sup>3</sup>	2500	
4/11/05	Albany Street/Greenwich Street	Barium, Total	<0.87	µg/m <sup>3</sup>	500	
4/11/05	Albany Street/Greenwich Street	Beryllium, Total	<0.04	µg/m <sup>3</sup>	1	
4/11/05	Albany Street/Greenwich Street	Cadmium, Total	<0.04	µg/m <sup>3</sup>	2.5	
4/11/05	Albany Street/Greenwich Street	Chromium, Total	<0.09	µg/m <sup>3</sup>	500	
4/11/05	Albany Street/Greenwich Street	Copper, Total	<0.17	µg/m <sup>3</sup>	500	
4/11/05	Albany Street/Greenwich Street	Lead, Total	0.2200	µg/m <sup>3</sup>	30	
4/11/05	Albany Street/Greenwich Street	Manganese, Total	<0.13	µg/m <sup>3</sup>	1000	
4/11/05	Albany Street/Greenwich Street	Nickel, Total	<0.17	µg/m <sup>3</sup>	500	
4/11/05	Albany Street/Greenwich Street	Zinc, Total	<0.17	µg/m <sup>3</sup>	2500	
4/11/05	Greenwich Street	Barium, Total	<0.87	µg/m <sup>3</sup>	500	
4/11/05	Greenwich Street	Beryllium, Total	<0.04	µg/m <sup>3</sup>	1	
4/11/05	Greenwich Street	Cadmium, Total	<0.04	µg/m <sup>3</sup>	2.5	
4/11/05	Greenwich Street	Chromium, Total	<0.09	µg/m <sup>3</sup>	500	
4/11/05	Greenwich Street	Copper, Total	<0.17	µg/m <sup>3</sup>	500	
4/11/05	Greenwich Street	Lead, Total	<0.09	µg/m <sup>3</sup>	30	
4/11/05	Greenwich Street	Manganese, Total	<0.13	µg/m <sup>3</sup>	1000	
4/11/05	Greenwich Street	Nickel, Total	<0.17	µg/m <sup>3</sup>	500	
4/11/05	Greenwich Street	Zinc, Total	<0.17	µg/m <sup>3</sup>	2500	
4/11/05	Greenwich Street/Liberty Street	Barium, Total	<0.87	µg/m <sup>3</sup>	500	
4/11/05	Greenwich Street/Liberty Street	Beryllium, Total	<0.04	µg/m <sup>3</sup>	1	
4/11/05	Greenwich Street/Liberty Street	Cadmium, Total	<0.04	µg/m <sup>3</sup>	2.5	
4/11/05	Greenwich Street/Liberty Street	Chromium, Total	<0.09	µg/m <sup>3</sup>	500	
4/11/05	Greenwich Street/Liberty Street	Copper, Total	<0.17	µg/m <sup>3</sup>	500	
4/11/05	Greenwich Street/Liberty Street	Lead, Total	<0.09	µg/m <sup>3</sup>	30	
4/11/05	Greenwich Street/Liberty Street	Manganese, Total	<0.13	µg/m <sup>3</sup>	1000	
4/11/05	Greenwich Street/Liberty Street	Nickel, Total	<0.17	µg/m <sup>3</sup>	500	
4/11/05	Greenwich Street/Liberty Street	Zinc, Total	<0.17	µg/m <sup>3</sup>	2500	
4/11/05	Washington Street/Cedar Street	Barium, Total	<0.87	µg/m <sup>3</sup>	500	
4/11/05	Washington Street/Cedar Street	Beryllium, Total	<0.04	µg/m <sup>3</sup>	1	
4/11/05	Washington Street/Cedar Street	Cadmium, Total	<0.04	µg/m <sup>3</sup>	2.5	
4/11/05	Washington Street/Cedar Street	Chromium, Total	<0.09	µg/m <sup>3</sup>	500	
4/11/05	Washington Street/Cedar Street	Copper, Total	<0.17	µg/m <sup>3</sup>	500	
4/11/05	Washington Street/Cedar Street	Lead, Total	<0.09	µg/m <sup>3</sup>	30	
4/11/05	Washington Street/Cedar Street	Manganese, Total	<0.13	µg/m <sup>3</sup>	1000	
4/11/05	Washington Street/Cedar Street	Nickel, Total	<0.17	µg/m <sup>3</sup>	500	
4/11/05	Washington Street/Cedar Street	Zinc, Total	<0.17	µg/m <sup>3</sup>	2500	

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