

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>
7/22/05	Washington Street/Albany Street	Barium, Total	<0.87	µg/m ³	500	
7/22/05	Washington Street/Albany Street	Beryllium, Total	<0.035	µg/m ³	1	
7/22/05	Washington Street/Albany Street	Cadmium, Total	<0.035	µg/m ³	2.5	
7/22/05	Washington Street/Albany Street	Chromium, Total	<0.087	µg/m ³	500	
7/22/05	Washington Street/Albany Street	Copper, Total	<0.17	µg/m ³	500	
7/22/05	Washington Street/Albany Street	Lead, Total	<0.087	µg/m ³	30	
7/22/05	Washington Street/Albany Street	Manganese, Total	<0.13	µg/m ³	1000	
7/22/05	Washington Street/Albany Street	Nickel, Total	<0.17	µg/m ³	500	
7/22/05	Washington Street/Albany Street	Zinc, Total	<0.17	µg/m ³	2500	
7/22/05	Albany Street/Greenwich Street	Barium, Total	<0.87	µg/m ³	500	
7/22/05	Albany Street/Greenwich Street	Beryllium, Total	<0.035	µg/m ³	1	
7/22/05	Albany Street/Greenwich Street	Cadmium, Total	<0.035	µg/m ³	2.5	
7/22/05	Albany Street/Greenwich Street	Chromium, Total	<0.087	µg/m ³	500	
7/22/05	Albany Street/Greenwich Street	Copper, Total	<0.17	µg/m ³	500	
7/22/05	Albany Street/Greenwich Street	Lead, Total	<0.087	µg/m ³	30	
7/22/05	Albany Street/Greenwich Street	Manganese, Total	<0.13	µg/m ³	1000	
7/22/05	Albany Street/Greenwich Street	Nickel, Total	<0.17	µg/m ³	500	
7/22/05	Albany Street/Greenwich Street	Zinc, Total	<0.17	µg/m ³	2500	
7/22/05	Greenwich Street	Barium, Total	<0.88	µg/m ³	500	
7/22/05	Greenwich Street	Beryllium, Total	<0.035	µg/m ³	1	
7/22/05	Greenwich Street	Cadmium, Total	<0.035	µg/m ³	2.5	
7/22/05	Greenwich Street	Chromium, Total	<0.088	µg/m ³	500	
7/22/05	Greenwich Street	Copper, Total	<0.18	µg/m ³	500	
7/22/05	Greenwich Street	Lead, Total	<0.088	µg/m ³	30	
7/22/05	Greenwich Street	Manganese, Total	<0.13	µg/m ³	1000	
7/22/05	Greenwich Street	Nickel, Total	<0.18	µg/m ³	500	
7/22/05	Greenwich Street	Zinc, Total	<0.18	µg/m ³	2500	
7/22/05	Greenwich Street/Liberty Street	Barium, Total	<0.87	µg/m ³	500	
7/22/05	Greenwich Street/Liberty Street	Beryllium, Total	<0.035	µg/m ³	1	
7/22/05	Greenwich Street/Liberty Street	Cadmium, Total	<0.035	µg/m ³	2.5	
7/22/05	Greenwich Street/Liberty Street	Chromium, Total	<0.087	µg/m ³	500	
7/22/05	Greenwich Street/Liberty Street	Copper, Total	<0.17	µg/m ³	500	
7/22/05	Greenwich Street/Liberty Street	Lead, Total	<0.087	µg/m ³	30	
7/22/05	Greenwich Street/Liberty Street	Manganese, Total	<0.13	µg/m ³	1000	
7/22/05	Greenwich Street/Liberty Street	Nickel, Total	<0.17	µg/m ³	500	
7/22/05	Greenwich Street/Liberty Street	Zinc, Total	<0.17	µg/m ³	2500	
7/22/05	Washington Street/Cedar Street	Barium, Total	<0.87	µg/m ³	500	
7/22/05	Washington Street/Cedar Street	Beryllium, Total	<0.035	µg/m ³	1	
7/22/05	Washington Street/Cedar Street	Cadmium, Total	<0.035	µg/m ³	2.5	
7/22/05	Washington Street/Cedar Street	Chromium, Total	<0.087	µg/m ³	500	
7/22/05	Washington Street/Cedar Street	Copper, Total	<0.17	µg/m ³	500	
7/22/05	Washington Street/Cedar Street	Lead, Total	<0.087	µg/m ³	30	
7/22/05	Washington Street/Cedar Street	Manganese, Total	<0.13	µg/m ³	1000	
7/22/05	Washington Street/Cedar Street	Nickel, Total	<0.17	µg/m ³	500	
7/22/05	Washington Street/Cedar Street	Zinc, Total	<0.17	µg/m ³	2500	
7/23/05	Washington Street/Albany Street	Barium, Total	<0.87	µg/m ³	500	
7/23/05	Washington Street/Albany Street	Beryllium, Total	<0.035	µg/m ³	1	

CC = Comparison Criteria

>CC = Exceeds 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>
7/23/05	Washington Street/Albany Street	Cadmium, Total	<0.035	µg/m ³	2.5	
7/23/05	Washington Street/Albany Street	Chromium, Total	<0.087	µg/m ³	500	
7/23/05	Washington Street/Albany Street	Copper, Total	<0.17	µg/m ³	500	
7/23/05	Washington Street/Albany Street	Lead, Total	<0.087	µg/m ³	30	
7/23/05	Washington Street/Albany Street	Manganese, Total	<0.13	µg/m ³	1000	
7/23/05	Washington Street/Albany Street	Nickel, Total	<0.17	µg/m ³	500	
7/23/05	Washington Street/Albany Street	Zinc, Total	<0.17	µg/m ³	2500	
7/23/05	Albany Street/Greenwich Street	Barium, Total	<0.87	µg/m ³	500	
7/23/05	Albany Street/Greenwich Street	Beryllium, Total	<0.035	µg/m ³	1	
7/23/05	Albany Street/Greenwich Street	Cadmium, Total	<0.035	µg/m ³	2.5	
7/23/05	Albany Street/Greenwich Street	Chromium, Total	<0.087	µg/m ³	500	
7/23/05	Albany Street/Greenwich Street	Copper, Total	<0.17	µg/m ³	500	
7/23/05	Albany Street/Greenwich Street	Lead, Total	<0.087	µg/m ³	30	
7/23/05	Albany Street/Greenwich Street	Manganese, Total	<0.13	µg/m ³	1000	
7/23/05	Albany Street/Greenwich Street	Nickel, Total	<0.17	µg/m ³	500	
7/23/05	Albany Street/Greenwich Street	Zinc, Total	<0.17	µg/m ³	2500	
7/23/05	Greenwich Street	Barium, Total	<0.87	µg/m ³	500	
7/23/05	Greenwich Street	Beryllium, Total	<0.035	µg/m ³	1	
7/23/05	Greenwich Street	Cadmium, Total	<0.035	µg/m ³	2.5	
7/23/05	Greenwich Street	Chromium, Total	<0.087	µg/m ³	500	
7/23/05	Greenwich Street	Copper, Total	<0.17	µg/m ³	500	
7/23/05	Greenwich Street	Lead, Total	<0.087	µg/m ³	30	
7/23/05	Greenwich Street	Manganese, Total	<0.13	µg/m ³	1000	
7/23/05	Greenwich Street	Nickel, Total	<0.17	µg/m ³	500	
7/23/05	Greenwich Street	Zinc, Total	<0.17	µg/m ³	2500	
7/23/05	Greenwich Street/Liberty Street	Barium, Total	<0.87	µg/m ³	500	
7/23/05	Greenwich Street/Liberty Street	Beryllium, Total	<0.035	µg/m ³	1	
7/23/05	Greenwich Street/Liberty Street	Cadmium, Total	<0.035	µg/m ³	2.5	
7/23/05	Greenwich Street/Liberty Street	Chromium, Total	<0.087	µg/m ³	500	
7/23/05	Greenwich Street/Liberty Street	Copper, Total	<0.17	µg/m ³	500	
7/23/05	Greenwich Street/Liberty Street	Lead, Total	<0.087	µg/m ³	30	
7/23/05	Greenwich Street/Liberty Street	Manganese, Total	<0.13	µg/m ³	1000	
7/23/05	Greenwich Street/Liberty Street	Nickel, Total	<0.17	µg/m ³	500	
7/23/05	Greenwich Street/Liberty Street	Zinc, Total	<0.17	µg/m ³	2500	
7/23/05	Washington Street/Cedar Street	Barium, Total	<0.87	µg/m ³	500	
7/23/05	Washington Street/Cedar Street	Beryllium, Total	<0.035	µg/m ³	1	
7/23/05	Washington Street/Cedar Street	Cadmium, Total	<0.035	µg/m ³	2.5	
7/23/05	Washington Street/Cedar Street	Chromium, Total	<0.087	µg/m ³	500	
7/23/05	Washington Street/Cedar Street	Copper, Total	<0.17	µg/m ³	500	
7/23/05	Washington Street/Cedar Street	Lead, Total	<0.087	µg/m ³	30	
7/23/05	Washington Street/Cedar Street	Manganese, Total	<0.13	µg/m ³	1000	
7/23/05	Washington Street/Cedar Street	Nickel, Total	<0.17	µg/m ³	500	
7/23/05	Washington Street/Cedar Street	Zinc, Total	0.19	µg/m ³	2500	
7/24/05	Washington Street/Albany Street	Barium, Total	<0.88	µg/m ³	500	
7/24/05	Washington Street/Albany Street	Beryllium, Total	<0.035	µg/m ³	1	
7/24/05	Washington Street/Albany Street	Cadmium, Total	<0.035	µg/m ³	2.5	
7/24/05	Washington Street/Albany Street	Chromium, Total	<0.088	µg/m ³	500	
7/24/05	Washington Street/Albany Street	Copper, Total	<0.18	µg/m ³	500	

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Date Collected	Sample Location	Parameter	Results	Units	CC	Flag
7/24/05	Washington Street/Albany Street	Lead, Total	0.11	µg/m ³	30	
7/24/05	Washington Street/Albany Street	Manganese, Total	<0.13	µg/m ³	1000	
7/24/05	Washington Street/Albany Street	Nickel, Total	<0.18	µg/m ³	500	
7/24/05	Washington Street/Albany Street	Zinc, Total	<0.18	µg/m ³	2500	
7/24/05	Albany Street/Greenwich Street	Barium, Total	<0.89	µg/m ³	500	
7/24/05	Albany Street/Greenwich Street	Beryllium, Total	<0.036	µg/m ³	1	
7/24/05	Albany Street/Greenwich Street	Cadmium, Total	<0.036	µg/m ³	2.5	
7/24/05	Albany Street/Greenwich Street	Chromium, Total	<0.089	µg/m ³	500	
7/24/05	Albany Street/Greenwich Street	Copper, Total	<0.18	µg/m ³	500	
7/24/05	Albany Street/Greenwich Street	Lead, Total	<0.089	µg/m ³	30	
7/24/05	Albany Street/Greenwich Street	Manganese, Total	<0.13	µg/m ³	1000	
7/24/05	Albany Street/Greenwich Street	Nickel, Total	<0.18	µg/m ³	500	
7/24/05	Albany Street/Greenwich Street	Zinc, Total	<0.18	µg/m ³	2500	
7/24/05	Greenwich Street	Barium, Total	<0.87	µg/m ³	500	
7/24/05	Greenwich Street	Beryllium, Total	<0.035	µg/m ³	1	
7/24/05	Greenwich Street	Cadmium, Total	<0.035	µg/m ³	2.5	
7/24/05	Greenwich Street	Chromium, Total	<0.087	µg/m ³	500	
7/24/05	Greenwich Street	Copper, Total	<0.17	µg/m ³	500	
7/24/05	Greenwich Street	Lead, Total	<0.087	µg/m ³	30	
7/24/05	Greenwich Street	Manganese, Total	<0.13	µg/m ³	1000	
7/24/05	Greenwich Street	Nickel, Total	<0.17	µg/m ³	500	
7/24/05	Greenwich Street	Zinc, Total	<0.17	µg/m ³	2500	
7/24/05	Greenwich Street/Liberty Street	Barium, Total	<0.87	µg/m ³	500	
7/24/05	Greenwich Street/Liberty Street	Beryllium, Total	<0.035	µg/m ³	1	
7/24/05	Greenwich Street/Liberty Street	Cadmium, Total	<0.035	µg/m ³	2.5	
7/24/05	Greenwich Street/Liberty Street	Chromium, Total	<0.087	µg/m ³	500	
7/24/05	Greenwich Street/Liberty Street	Copper, Total	0.36	µg/m ³	500	
7/24/05	Greenwich Street/Liberty Street	Lead, Total	0.098	µg/m ³	30	
7/24/05	Greenwich Street/Liberty Street	Manganese, Total	<0.13	µg/m ³	1000	
7/24/05	Greenwich Street/Liberty Street	Nickel, Total	<0.17	µg/m ³	500	
7/24/05	Greenwich Street/Liberty Street	Zinc, Total	<0.17	µg/m ³	2500	
7/24/05	Washington Street/Cedar Street	Barium, Total	<0.87	µg/m ³	500	
7/24/05	Washington Street/Cedar Street	Beryllium, Total	<0.035	µg/m ³	1	
7/24/05	Washington Street/Cedar Street	Cadmium, Total	<0.035	µg/m ³	2.5	
7/24/05	Washington Street/Cedar Street	Chromium, Total	<0.087	µg/m ³	500	
7/24/05	Washington Street/Cedar Street	Copper, Total	<0.17	µg/m ³	500	
7/24/05	Washington Street/Cedar Street	Lead, Total	<0.087	µg/m ³	30	
7/24/05	Washington Street/Cedar Street	Manganese, Total	<0.13	µg/m ³	1000	
7/24/05	Washington Street/Cedar Street	Nickel, Total	<0.17	µg/m ³	500	
7/24/05	Washington Street/Cedar Street	Zinc, Total	<0.17	µg/m ³	2500	
7/25/05	Washington Street/Albany Street	Barium, Total	<0.87	µg/m ³	500	
7/25/05	Washington Street/Albany Street	Beryllium, Total	<0.035	µg/m ³	1	
7/25/05	Washington Street/Albany Street	Cadmium, Total	<0.035	µg/m ³	2.5	
7/25/05	Washington Street/Albany Street	Chromium, Total	<0.087	µg/m ³	500	
7/25/05	Washington Street/Albany Street	Copper, Total	<0.17	µg/m ³	500	
7/25/05	Washington Street/Albany Street	Lead, Total	<0.087	µg/m ³	30	
7/25/05	Washington Street/Albany Street	Manganese, Total	<0.13	µg/m ³	1000	
7/25/05	Washington Street/Albany Street	Nickel, Total	<0.17	µg/m ³	500	

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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>
7/25/05	Washington Street/Albany Street	Zinc, Total	<0.17	µg/m ³	2500	
7/25/05	Albany Street/Greenwich Street	Barium, Total	<0.87	µg/m ³	500	
7/25/05	Albany Street/Greenwich Street	Beryllium, Total	<0.035	µg/m ³	1	
7/25/05	Albany Street/Greenwich Street	Cadmium, Total	<0.035	µg/m ³	2.5	
7/25/05	Albany Street/Greenwich Street	Chromium, Total	<0.087	µg/m ³	500	
7/25/05	Albany Street/Greenwich Street	Copper, Total	<0.17	µg/m ³	500	
7/25/05	Albany Street/Greenwich Street	Lead, Total	0.13	µg/m ³	30	
7/25/05	Albany Street/Greenwich Street	Manganese, Total	<0.13	µg/m ³	1000	
7/25/05	Albany Street/Greenwich Street	Nickel, Total	<0.17	µg/m ³	500	
7/25/05	Albany Street/Greenwich Street	Zinc, Total	0.37	µg/m ³	2500	
7/25/05	Greenwich Street	Barium, Total	<0.87	µg/m ³	500	
7/25/05	Greenwich Street	Beryllium, Total	<0.035	µg/m ³	1	
7/25/05	Greenwich Street	Cadmium, Total	<0.035	µg/m ³	2.5	
7/25/05	Greenwich Street	Chromium, Total	<0.087	µg/m ³	500	
7/25/05	Greenwich Street	Copper, Total	<0.17	µg/m ³	500	
7/25/05	Greenwich Street	Lead, Total	<0.087	µg/m ³	30	
7/25/05	Greenwich Street	Manganese, Total	<0.13	µg/m ³	1000	
7/25/05	Greenwich Street	Nickel, Total	<0.17	µg/m ³	500	
7/25/05	Greenwich Street	Zinc, Total	0.18	µg/m ³	2500	
7/25/05	Greenwich Street/Liberty Street	Barium, Total	<0.87	µg/m ³	500	
7/25/05	Greenwich Street/Liberty Street	Beryllium, Total	<0.035	µg/m ³	1	
7/25/05	Greenwich Street/Liberty Street	Cadmium, Total	<0.035	µg/m ³	2.5	
7/25/05	Greenwich Street/Liberty Street	Chromium, Total	<0.087	µg/m ³	500	
7/25/05	Greenwich Street/Liberty Street	Copper, Total	<0.17	µg/m ³	500	
7/25/05	Greenwich Street/Liberty Street	Lead, Total	<0.087	µg/m ³	30	
7/25/05	Greenwich Street/Liberty Street	Manganese, Total	<0.13	µg/m ³	1000	
7/25/05	Greenwich Street/Liberty Street	Nickel, Total	<0.17	µg/m ³	500	
7/25/05	Greenwich Street/Liberty Street	Zinc, Total	0.19	µg/m ³	2500	
7/25/05	Washington Street/Cedar Street	Barium, Total	<0.89	µg/m ³	500	
7/25/05	Washington Street/Cedar Street	Beryllium, Total	<0.036	µg/m ³	1	
7/25/05	Washington Street/Cedar Street	Cadmium, Total	<0.036	µg/m ³	2.5	
7/25/05	Washington Street/Cedar Street	Chromium, Total	<0.089	µg/m ³	500	
7/25/05	Washington Street/Cedar Street	Copper, Total	<0.18	µg/m ³	500	
7/25/05	Washington Street/Cedar Street	Lead, Total	<0.089	µg/m ³	30	
7/25/05	Washington Street/Cedar Street	Manganese, Total	<0.13	µg/m ³	1000	
7/25/05	Washington Street/Cedar Street	Nickel, Total	<0.18	µg/m ³	500	
7/25/05	Washington Street/Cedar Street	Zinc, Total	<0.18	µg/m ³	2500	

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