

## 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>
3/11/05	Washington Street/Albany Street	Barium, Total	<0.8897	µg/m <sup>3</sup>	500	
3/11/05	Washington Street/Albany Street	Beryllium, Total	<0.0356	µg/m <sup>3</sup>	1	
3/11/05	Washington Street/Albany Street	Cadmium, Total	<0.0356	µg/m <sup>3</sup>	2.5	
3/11/05	Washington Street/Albany Street	Chromium, Total	<0.0890	µg/m <sup>3</sup>	500	
3/11/05	Washington Street/Albany Street	Copper, Total	<0.1779	µg/m <sup>3</sup>	500	
3/11/05	Washington Street/Albany Street	Lead, Total	<0.0890	µg/m <sup>3</sup>	30	
3/11/05	Washington Street/Albany Street	Manganese, Total	<0.1335	µg/m <sup>3</sup>	1000	
3/11/05	Washington Street/Albany Street	Nickel, Total	<0.1779	µg/m <sup>3</sup>	500	
3/11/05	Washington Street/Albany Street	Zinc, Total	<0.1779	µg/m <sup>3</sup>	2500	
3/11/05	Albany Street/Greenwich Street	Barium, Total	<0.8675	µg/m <sup>3</sup>	500	
3/11/05	Albany Street/Greenwich Street	Beryllium, Total	<0.0347	µg/m <sup>3</sup>	1	
3/11/05	Albany Street/Greenwich Street	Cadmium, Total	<0.0347	µg/m <sup>3</sup>	2.5	
3/11/05	Albany Street/Greenwich Street	Chromium, Total	<0.0868	µg/m <sup>3</sup>	500	
3/11/05	Albany Street/Greenwich Street	Copper, Total	<0.1735	µg/m <sup>3</sup>	500	
3/11/05	Albany Street/Greenwich Street	Lead, Total	<0.0868	µg/m <sup>3</sup>	30	
3/11/05	Albany Street/Greenwich Street	Manganese, Total	<0.1301	µg/m <sup>3</sup>	1000	
3/11/05	Albany Street/Greenwich Street	Nickel, Total	<0.1735	µg/m <sup>3</sup>	500	
3/11/05	Albany Street/Greenwich Street	Zinc, Total	<0.1735	µg/m <sup>3</sup>	2500	
3/11/05	Greenwich Street	Barium, Total	<0.8675	µg/m <sup>3</sup>	500	
3/11/05	Greenwich Street	Beryllium, Total	<0.0347	µg/m <sup>3</sup>	1	
3/11/05	Greenwich Street	Cadmium, Total	<0.0347	µg/m <sup>3</sup>	2.5	
3/11/05	Greenwich Street	Chromium, Total	<0.0868	µg/m <sup>3</sup>	500	
3/11/05	Greenwich Street	Copper, Total	<0.1735	µg/m <sup>3</sup>	500	
3/11/05	Greenwich Street	Lead, Total	<0.0868	µg/m <sup>3</sup>	30	
3/11/05	Greenwich Street	Manganese, Total	<0.1301	µg/m <sup>3</sup>	1000	
3/11/05	Greenwich Street	Nickel, Total	<0.1735	µg/m <sup>3</sup>	500	
3/11/05	Greenwich Street	Zinc, Total	<0.1735	µg/m <sup>3</sup>	2500	
3/11/05	Greenwich Street/Liberty Street	Barium, Total	<0.8693	µg/m <sup>3</sup>	500	
3/11/05	Greenwich Street/Liberty Street	Beryllium, Total	<0.0348	µg/m <sup>3</sup>	1	
3/11/05	Greenwich Street/Liberty Street	Cadmium, Total	<0.0348	µg/m <sup>3</sup>	2.5	
3/11/05	Greenwich Street/Liberty Street	Chromium, Total	<0.0869	µg/m <sup>3</sup>	500	
3/11/05	Greenwich Street/Liberty Street	Copper, Total	<0.1739	µg/m <sup>3</sup>	500	
3/11/05	Greenwich Street/Liberty Street	Lead, Total	<0.0869	µg/m <sup>3</sup>	30	
3/11/05	Greenwich Street/Liberty Street	Manganese, Total	<0.1304	µg/m <sup>3</sup>	1000	
3/11/05	Greenwich Street/Liberty Street	Nickel, Total	<0.1739	µg/m <sup>3</sup>	500	
3/11/05	Greenwich Street/Liberty Street	Zinc, Total	<0.1739	µg/m <sup>3</sup>	2500	
3/11/05	Washington Street/Cedar Street	Barium, Total	<0.8803	µg/m <sup>3</sup>	500	
3/11/05	Washington Street/Cedar Street	Beryllium, Total	<0.0352	µg/m <sup>3</sup>	1	
3/11/05	Washington Street/Cedar Street	Cadmium, Total	<0.0352	µg/m <sup>3</sup>	2.5	
3/11/05	Washington Street/Cedar Street	Chromium, Total	<0.0880	µg/m <sup>3</sup>	500	
3/11/05	Washington Street/Cedar Street	Copper, Total	<0.1761	µg/m <sup>3</sup>	500	
3/11/05	Washington Street/Cedar Street	Lead, Total	<0.0880	µg/m <sup>3</sup>	30	
3/11/05	Washington Street/Cedar Street	Manganese, Total	<0.1320	µg/m <sup>3</sup>	1000	
3/11/05	Washington Street/Cedar Street	Nickel, Total	<0.1761	µg/m <sup>3</sup>	500	
3/11/05	Washington Street/Cedar Street	Zinc, Total	<0.1761	µg/m <sup>3</sup>	2500	
3/12/05	Washington Street/Albany Street	Barium, Total	<0.8681	µg/m <sup>3</sup>	500	
3/12/05	Washington Street/Albany Street	Beryllium, Total	<0.0347	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>
3/12/05	Washington Street/Albany Street	Cadmium, Total	<0.0347	µg/m <sup>3</sup>	2.5	
3/12/05	Washington Street/Albany Street	Chromium, Total	<0.0868	µg/m <sup>3</sup>	500	
3/12/05	Washington Street/Albany Street	Copper, Total	<0.1736	µg/m <sup>3</sup>	500	
3/12/05	Washington Street/Albany Street	Lead, Total	<0.0868	µg/m <sup>3</sup>	30	
3/12/05	Washington Street/Albany Street	Manganese, Total	<0.1302	µg/m <sup>3</sup>	1000	
3/12/05	Washington Street/Albany Street	Nickel, Total	<0.1736	µg/m <sup>3</sup>	500	
3/12/05	Washington Street/Albany Street	Zinc, Total	<0.1736	µg/m <sup>3</sup>	2500	
3/12/05	Albany Street/Greenwich Street	Barium, Total	<0.8681	µg/m <sup>3</sup>	500	
3/12/05	Albany Street/Greenwich Street	Beryllium, Total	<0.0347	µg/m <sup>3</sup>	1	
3/12/05	Albany Street/Greenwich Street	Cadmium, Total	<0.0347	µg/m <sup>3</sup>	2.5	
3/12/05	Albany Street/Greenwich Street	Chromium, Total	<0.0868	µg/m <sup>3</sup>	500	
3/12/05	Albany Street/Greenwich Street	Copper, Total	<0.1736	µg/m <sup>3</sup>	500	
3/12/05	Albany Street/Greenwich Street	Lead, Total	<0.0868	µg/m <sup>3</sup>	30	
3/12/05	Albany Street/Greenwich Street	Manganese, Total	<0.1302	µg/m <sup>3</sup>	1000	
3/12/05	Albany Street/Greenwich Street	Nickel, Total	<0.1736	µg/m <sup>3</sup>	500	
3/12/05	Albany Street/Greenwich Street	Zinc, Total	<0.1736	µg/m <sup>3</sup>	2500	
3/12/05	Greenwich Street	Barium, Total	<0.8681	µg/m <sup>3</sup>	500	
3/12/05	Greenwich Street	Beryllium, Total	<0.0347	µg/m <sup>3</sup>	1	
3/12/05	Greenwich Street	Cadmium, Total	<0.0347	µg/m <sup>3</sup>	2.5	
3/12/05	Greenwich Street	Chromium, Total	<0.0868	µg/m <sup>3</sup>	500	
3/12/05	Greenwich Street	Copper, Total	<0.1736	µg/m <sup>3</sup>	500	
3/12/05	Greenwich Street	Lead, Total	<0.0868	µg/m <sup>3</sup>	30	
3/12/05	Greenwich Street	Manganese, Total	<0.1302	µg/m <sup>3</sup>	1000	
3/12/05	Greenwich Street	Nickel, Total	<0.1736	µg/m <sup>3</sup>	500	
3/12/05	Greenwich Street	Zinc, Total	<0.1736	µg/m <sup>3</sup>	2500	
3/12/05	Greenwich Street/Liberty Street	Barium, Total	<0.8903	µg/m <sup>3</sup>	500	
3/12/05	Greenwich Street/Liberty Street	Beryllium, Total	<0.0356	µg/m <sup>3</sup>	1	
3/12/05	Greenwich Street/Liberty Street	Cadmium, Total	<0.0356	µg/m <sup>3</sup>	2.5	
3/12/05	Greenwich Street/Liberty Street	Chromium, Total	<0.0890	µg/m <sup>3</sup>	500	
3/12/05	Greenwich Street/Liberty Street	Copper, Total	<0.1781	µg/m <sup>3</sup>	500	
3/12/05	Greenwich Street/Liberty Street	Lead, Total	<0.0890	µg/m <sup>3</sup>	30	
3/12/05	Greenwich Street/Liberty Street	Manganese, Total	<0.1335	µg/m <sup>3</sup>	1000	
3/12/05	Greenwich Street/Liberty Street	Nickel, Total	<0.1781	µg/m <sup>3</sup>	500	
3/12/05	Greenwich Street/Liberty Street	Zinc, Total	<0.1781	µg/m <sup>3</sup>	2500	
3/12/05	Washington Street/Cedar Street	Barium, Total	<0.8790	µg/m <sup>3</sup>	500	
3/12/05	Washington Street/Cedar Street	Beryllium, Total	<0.0352	µg/m <sup>3</sup>	1	
3/12/05	Washington Street/Cedar Street	Cadmium, Total	<0.0352	µg/m <sup>3</sup>	2.5	
3/12/05	Washington Street/Cedar Street	Chromium, Total	<0.0879	µg/m <sup>3</sup>	500	
3/12/05	Washington Street/Cedar Street	Copper, Total	<0.1758	µg/m <sup>3</sup>	500	
3/12/05	Washington Street/Cedar Street	Lead, Total	<0.0879	µg/m <sup>3</sup>	30	
3/12/05	Washington Street/Cedar Street	Manganese, Total	<0.1319	µg/m <sup>3</sup>	1000	
3/12/05	Washington Street/Cedar Street	Nickel, Total	<0.1758	µg/m <sup>3</sup>	500	
3/12/05	Washington Street/Cedar Street	Zinc, Total	<0.1758	µg/m <sup>3</sup>	2500	
3/13/05	Washington Street/Albany Street	Barium, Total	<0.8796	µg/m <sup>3</sup>	500	
3/13/05	Washington Street/Albany Street	Beryllium, Total	<0.0352	µg/m <sup>3</sup>	1	
3/13/05	Washington Street/Albany Street	Cadmium, Total	<0.0352	µg/m <sup>3</sup>	2.5	
3/13/05	Washington Street/Albany Street	Chromium, Total	<0.0880	µg/m <sup>3</sup>	500	
3/13/05	Washington Street/Albany Street	Copper, Total	<0.1759	µg/m <sup>3</sup>	500	

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3/13/05	Washington Street/Albany Street	Lead, Total	0.0942	µg/m <sup>3</sup>	30	
3/13/05	Washington Street/Albany Street	Manganese, Total	<0.1319	µg/m <sup>3</sup>	1000	
3/13/05	Washington Street/Albany Street	Nickel, Total	<0.1759	µg/m <sup>3</sup>	500	
3/13/05	Washington Street/Albany Street	Zinc, Total	<0.1759	µg/m <sup>3</sup>	2500	
3/13/05	Albany Street/Greenwich Street	Barium, Total	<0.8909	µg/m <sup>3</sup>	500	
3/13/05	Albany Street/Greenwich Street	Beryllium, Total	<0.0356	µg/m <sup>3</sup>	1	
3/13/05	Albany Street/Greenwich Street	Cadmium, Total	<0.0356	µg/m <sup>3</sup>	2.5	
3/13/05	Albany Street/Greenwich Street	Chromium, Total	<0.0891	µg/m <sup>3</sup>	500	
3/13/05	Albany Street/Greenwich Street	Copper, Total	<0.1782	µg/m <sup>3</sup>	500	
3/13/05	Albany Street/Greenwich Street	Lead, Total	<0.0891	µg/m <sup>3</sup>	30	
3/13/05	Albany Street/Greenwich Street	Manganese, Total	<0.1336	µg/m <sup>3</sup>	1000	
3/13/05	Albany Street/Greenwich Street	Nickel, Total	<0.1782	µg/m <sup>3</sup>	500	
3/13/05	Albany Street/Greenwich Street	Zinc, Total	<0.1782	µg/m <sup>3</sup>	2500	
3/13/05	Greenwich Street	Barium, Total	<0.8796	µg/m <sup>3</sup>	500	
3/13/05	Greenwich Street	Beryllium, Total	<0.0352	µg/m <sup>3</sup>	1	
3/13/05	Greenwich Street	Cadmium, Total	<0.0352	µg/m <sup>3</sup>	2.5	
3/13/05	Greenwich Street	Chromium, Total	<0.0880	µg/m <sup>3</sup>	500	
3/13/05	Greenwich Street	Copper, Total	<0.1759	µg/m <sup>3</sup>	500	
3/13/05	Greenwich Street	Lead, Total	<0.0880	µg/m <sup>3</sup>	30	
3/13/05	Greenwich Street	Manganese, Total	<0.1319	µg/m <sup>3</sup>	1000	
3/13/05	Greenwich Street	Nickel, Total	<0.1759	µg/m <sup>3</sup>	500	
3/13/05	Greenwich Street	Zinc, Total	<0.1759	µg/m <sup>3</sup>	2500	
3/13/05	Greenwich Street/Liberty Street	Barium, Total	<0.8687	µg/m <sup>3</sup>	500	
3/13/05	Greenwich Street/Liberty Street	Beryllium, Total	<0.0348	µg/m <sup>3</sup>	1	
3/13/05	Greenwich Street/Liberty Street	Cadmium, Total	<0.0348	µg/m <sup>3</sup>	2.5	
3/13/05	Greenwich Street/Liberty Street	Chromium, Total	<0.0869	µg/m <sup>3</sup>	500	
3/13/05	Greenwich Street/Liberty Street	Copper, Total	<0.1737	µg/m <sup>3</sup>	500	
3/13/05	Greenwich Street/Liberty Street	Lead, Total	<0.0869	µg/m <sup>3</sup>	30	
3/13/05	Greenwich Street/Liberty Street	Manganese, Total	<0.1303	µg/m <sup>3</sup>	1000	
3/13/05	Greenwich Street/Liberty Street	Nickel, Total	<0.1737	µg/m <sup>3</sup>	500	
3/13/05	Greenwich Street/Liberty Street	Zinc, Total	<0.1737	µg/m <sup>3</sup>	2500	
3/13/05	Washington Street/Cedar Street	Barium, Total	<0.8693	µg/m <sup>3</sup>	500	
3/13/05	Washington Street/Cedar Street	Beryllium, Total	<0.0348	µg/m <sup>3</sup>	1	
3/13/05	Washington Street/Cedar Street	Cadmium, Total	<0.0348	µg/m <sup>3</sup>	2.5	
3/13/05	Washington Street/Cedar Street	Chromium, Total	<0.0869	µg/m <sup>3</sup>	500	
3/13/05	Washington Street/Cedar Street	Copper, Total	<0.1739	µg/m <sup>3</sup>	500	
3/13/05	Washington Street/Cedar Street	Lead, Total	<0.0869	µg/m <sup>3</sup>	30	
3/13/05	Washington Street/Cedar Street	Manganese, Total	<0.1304	µg/m <sup>3</sup>	1000	
3/13/05	Washington Street/Cedar Street	Nickel, Total	<0.1739	µg/m <sup>3</sup>	500	
3/13/05	Washington Street/Cedar Street	Zinc, Total	<0.1739	µg/m <sup>3</sup>	2500	
3/14/05	Washington Street/Albany Street	Barium, Total	<0.8687	µg/m <sup>3</sup>	500	
3/14/05	Washington Street/Albany Street	Beryllium, Total	<0.0348	µg/m <sup>3</sup>	1	
3/14/05	Washington Street/Albany Street	Cadmium, Total	<0.0348	µg/m <sup>3</sup>	2.5	
3/14/05	Washington Street/Albany Street	Chromium, Total	<0.0869	µg/m <sup>3</sup>	500	
3/14/05	Washington Street/Albany Street	Copper, Total	<0.1737	µg/m <sup>3</sup>	500	
3/14/05	Washington Street/Albany Street	Lead, Total	0.3822	µg/m <sup>3</sup>	30	
3/14/05	Washington Street/Albany Street	Manganese, Total	<0.1303	µg/m <sup>3</sup>	1000	
3/14/05	Washington Street/Albany Street	Nickel, Total	<0.1737	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>
3/14/05	Washington Street/Albany Street	Zinc, Total	<0.1737	µg/m <sup>3</sup>	2500	
3/14/05	Albany Street/Greenwich Street	Barium, Total	<0.8796	µg/m <sup>3</sup>	500	
3/14/05	Albany Street/Greenwich Street	Beryllium, Total	<0.0352	µg/m <sup>3</sup>	1	
3/14/05	Albany Street/Greenwich Street	Cadmium, Total	<0.0352	µg/m <sup>3</sup>	2.5	
3/14/05	Albany Street/Greenwich Street	Chromium, Total	<0.0880	µg/m <sup>3</sup>	500	
3/14/05	Albany Street/Greenwich Street	Copper, Total	<0.1759	µg/m <sup>3</sup>	500	
3/14/05	Albany Street/Greenwich Street	Lead, Total	<0.0880	µg/m <sup>3</sup>	30	
3/14/05	Albany Street/Greenwich Street	Manganese, Total	<0.1319	µg/m <sup>3</sup>	1000	
3/14/05	Albany Street/Greenwich Street	Nickel, Total	<0.1759	µg/m <sup>3</sup>	500	
3/14/05	Albany Street/Greenwich Street	Zinc, Total	0.2707	µg/m <sup>3</sup>	2500	
3/14/05	Greenwich Street	Barium, Total	<0.8687	µg/m <sup>3</sup>	500	
3/14/05	Greenwich Street	Beryllium, Total	<0.0348	µg/m <sup>3</sup>	1	
3/14/05	Greenwich Street	Cadmium, Total	<0.0348	µg/m <sup>3</sup>	2.5	
3/14/05	Greenwich Street	Chromium, Total	<0.0869	µg/m <sup>3</sup>	500	
3/14/05	Greenwich Street	Copper, Total	<0.1737	µg/m <sup>3</sup>	500	
3/14/05	Greenwich Street	Lead, Total	<0.0869	µg/m <sup>3</sup>	30	
3/14/05	Greenwich Street	Manganese, Total	<0.1303	µg/m <sup>3</sup>	1000	
3/14/05	Greenwich Street	Nickel, Total	<0.1737	µg/m <sup>3</sup>	500	
3/14/05	Greenwich Street	Zinc, Total	<0.1737	µg/m <sup>3</sup>	2500	
3/14/05	Greenwich Street/Liberty Street	Barium, Total	<0.8796	µg/m <sup>3</sup>	500	
3/14/05	Greenwich Street/Liberty Street	Beryllium, Total	<0.0352	µg/m <sup>3</sup>	1	
3/14/05	Greenwich Street/Liberty Street	Cadmium, Total	<0.0352	µg/m <sup>3</sup>	2.5	
3/14/05	Greenwich Street/Liberty Street	Chromium, Total	<0.0880	µg/m <sup>3</sup>	500	
3/14/05	Greenwich Street/Liberty Street	Copper, Total	<0.1759	µg/m <sup>3</sup>	500	
3/14/05	Greenwich Street/Liberty Street	Lead, Total	<0.0880	µg/m <sup>3</sup>	30	
3/14/05	Greenwich Street/Liberty Street	Manganese, Total	<0.1319	µg/m <sup>3</sup>	1000	
3/14/05	Greenwich Street/Liberty Street	Nickel, Total	<0.1759	µg/m <sup>3</sup>	500	
3/14/05	Greenwich Street/Liberty Street	Zinc, Total	<0.1759	µg/m <sup>3</sup>	2500	
3/14/05	Washington Street/Cedar Street	Barium, Total	<0.8790	µg/m <sup>3</sup>	500	
3/14/05	Washington Street/Cedar Street	Beryllium, Total	<0.0352	µg/m <sup>3</sup>	1	
3/14/05	Washington Street/Cedar Street	Cadmium, Total	<0.0352	µg/m <sup>3</sup>	2.5	
3/14/05	Washington Street/Cedar Street	Chromium, Total	<0.0879	µg/m <sup>3</sup>	500	
3/14/05	Washington Street/Cedar Street	Copper, Total	<0.1758	µg/m <sup>3</sup>	500	
3/14/05	Washington Street/Cedar Street	Lead, Total	<0.0879	µg/m <sup>3</sup>	30	
3/14/05	Washington Street/Cedar Street	Manganese, Total	<0.1319	µg/m <sup>3</sup>	1000	
3/14/05	Washington Street/Cedar Street	Nickel, Total	<0.1758	µg/m <sup>3</sup>	500	
3/14/05	Washington Street/Cedar Street	Zinc, Total	<0.1758	µg/m <sup>3</sup>	2500	

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