



Customer-Focused Solutions

1430 Broadway, 10th Fl. New York, New York 10018

Phone: (212) 221-7822 - Fax: (212) 221-7840

LMDC Air Metals Profile

Client	Lower Manhattan Development Corporation	Job Number	46600-0000-00001
Address	One Liberty Plaza, 20th Floor	Date Received	01/31/05
	New York, NY 10006	Date Analyzed	01/31/05
Collected By	N. Agahan	Job Location	130 Liberty Street
Collected	01/30/05		
Rotometer	Standard		

Lab ID	010500340-0001	Matrix	Air
Field ID	M-013005-037		
Location	Washington Street/Albany Street		

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium, Total	15:59	16:01	4	5768	<0.8669	µg/m3	0.8669	500	
Beryllium, Total	15:59	16:01	4	5768	<0.0347	µg/m3	0.0347	1	
Cadmium, Total	15:59	16:01	4	5768	<0.0347	µg/m3	0.0347	2.5	
Chromium, Total	15:59	16:01	4	5768	<0.0867	µg/m3	0.0867	500	
Copper, Total	15:59	16:01	4	5768	<0.1734	µg/m3	0.1734	500	
Lead, Total	15:59	16:01	4	5768	<0.0867	µg/m3	0.0867	500	
Manganese, Total	15:59	16:01	4	5768	<0.1300	µg/m3	0.13	30	
Nickel, Total	15:59	16:01	4	5768	<0.1734	µg/m3	0.1734	1000	
Zinc, Total	15:59	16:01	4	5768	<0.1734	µg/m3	0.1734	2500	

Lab ID	010500340-0002	Matrix	Air
Field ID	M-013005-038		
Location	Albany Street/Greenwich Street		

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium, Total	16:02	16:03	4	5764	<0.8675	µg/m3	0.8675	500	
Beryllium, Total	16:02	16:03	4	5764	<0.0347	µg/m3	0.0347	1	
Cadmium, Total	16:02	16:03	4	5764	<0.0347	µg/m3	0.0347	2.5	
Chromium, Total	16:02	16:03	4	5764	<0.0868	µg/m3	0.0868	500	
Copper, Total	16:02	16:03	4	5764	<0.1735	µg/m3	0.1735	500	
Lead, Total	16:02	16:03	4	5764	<0.0868	µg/m3	0.0868	500	
Manganese, Total	16:02	16:03	4	5764	<0.1301	µg/m3	0.1301	30	
Nickel, Total	16:02	16:03	4	5764	<0.1735	µg/m3	0.1735	1000	
Zinc, Total	16:02	16:03	4	5764	<0.1735	µg/m3	0.1735	2500	

MDL = Minimum Detection Limit

MCL = Maximum Contaminant Level

> MCL = Exceeds Maximum Contaminant Level

Samples analyzed by EMSL Analytical, Inc.; NY ELAP ID# 10872 and 11506

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CITY_21MC100_003228341



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LMDC Air Metals Profile

Client	Lower Manhattan Development Corporation	Job Number	46600-0000-00001
Address	One Liberty Plaza, 20th Floor	Date Received	01/31/05
	New York, NY 10006	Date Analyzed	01/31/05
Collected By	N. Agahan	Job Location	130 Liberty Street
Collected	01/30/05		
Rotometer	Standard		

Lab ID	010500340-0003	Matrix	Air
Field ID	M-013005-039		
Location	Greenwich Street		

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium, Total	16:04	16:06	4	5768	<0.8669	µg/m3	0.8669	500	
Beryllium, Total	16:04	16:06	4	5768	<0.0347	µg/m3	0.0347	1	
Cadmium, Total	16:04	16:06	4	5768	<0.0347	µg/m3	0.0347	2.5	
Chromium, Total	16:04	16:06	4	5768	<0.0867	µg/m3	0.0867	500	
Copper, Total	16:04	16:06	4	5768	<0.1734	µg/m3	0.1734	500	
Lead, Total	16:04	16:06	4	5768	<0.0867	µg/m3	0.0867	500	
Manganese, Total	16:04	16:06	4	5768	<0.1300	µg/m3	0.13	30	
Nickel, Total	16:04	16:06	4	5768	<0.1734	µg/m3	0.1734	1000	
Zinc, Total	16:04	16:06	4	5768	<0.1734	µg/m3	0.1734	2500	

Lab ID	010500340-0004	Matrix	Air
Field ID	M-013005-040		
Location	Greenwich Street/Liberty Street		

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium, Total	16:06	16:10	4	5776	<0.8657	µg/m3	0.8657	500	
Beryllium, Total	16:06	16:10	4	5776	<0.0346	µg/m3	0.0346	1	
Cadmium, Total	16:06	16:10	4	5776	<0.0346	µg/m3	0.0346	2.5	
Chromium, Total	16:06	16:10	4	5776	<0.0866	µg/m3	0.0866	500	
Copper, Total	16:06	16:10	4	5776	<0.1731	µg/m3	0.1731	500	
Lead, Total	16:06	16:10	4	5776	<0.0866	µg/m3	0.0866	500	
Manganese, Total	16:06	16:10	4	5776	<0.1298	µg/m3	0.1298	30	
Nickel, Total	16:06	16:10	4	5776	<0.1731	µg/m3	0.1731	1000	
Zinc, Total	16:06	16:10	4	5776	<0.1731	µg/m3	0.1731	2500	

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CITY_21MC100_003228342



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LMDC Air Metals Profile

Client	Lower Manhattan Development Corporation	Job Number	46600-0000-00001
Address	One Liberty Plaza, 20th Floor	Date Received	01/31/05
	New York, NY 10006	Date Analyzed	01/31/05
Collected By	N. Agahan	Job Location	130 Liberty Street
Collected	01/30/05		
Rotometer	Standard		

Lab ID	010500340-0005	Matrix	Air
Field ID	M-013005-041		
Location	Washington Street/Cedar Street		

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium, Total	16:12	16:13	4	5764	<0.8675	µg/m3	0.8675	500	
Beryllium, Total	16:11	16:10	4	5764	<0.0347	µg/m3	0.0347	1	
Cadmium, Total	16:11	16:10	4	5764	<0.0347	µg/m3	0.0347	2.5	
Chromium, Total	16:11	16:10	4	5764	<0.0868	µg/m3	0.0868	500	
Copper, Total	16:11	16:10	4	5764	<0.1735	µg/m3	0.1735	500	
Lead, Total	16:11	16:10	4	5764	<0.0868	µg/m3	0.0868	500	
Manganese, Total	16:11	16:10	4	5764	<0.1301	µg/m3	0.1301	30	
Nickel, Total	16:11	16:10	4	5764	<0.1735	µg/m3	0.1735	1000	
Zinc, Total	16:11	16:10	4	5764	<0.1735	µg/m3	0.1735	2500	

Lab ID	010500340-0006	Matrix	Air
Field ID	M-013005-042		
Location	Blank		

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium, Total			0	0	<5.000	µg	5	500	
Beryllium, Total			0	0	<0.2000	µg	0.2	1	
Cadmium, Total			0	0	<0.2000	µg	0.2	2.5	
Chromium, Total			0	0	<0.5000	µg	0.5	500	
Copper, Total			0	0	<1.000	µg	1	500	
Lead, Total			0	0	<0.5000	µg	0.5	500	
Manganese, Total			0	0	<0.7500	µg	0.75	30	
Nickel, Total			0	0	<1.000	µg	1	1000	
Zinc, Total			0	0	<1.000	µg	1	2500	

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