



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	2/13/2005
	New York, NY 10006	Date Analyzed	2/13/2005
Collected By	K. DaRocha	Job Location	130 Liberty Street
Collected	2/12/2005		
Rotometer	Standard		

Lab ID	010500489-0001	Matrix	Air
Field ID	M-021205-115		
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	16:02	16:02	4	5760	<0.8681	µg/m3	0.8681	500	
Beryllium, Total	16:02	16:02	4	5760	<0.0347	µg/m3	0.0347	1	
Cadmium, Total	16:02	16:02	4	5760	<0.0347	µg/m3	0.0347	2.5	
Chromium, Total	16:02	16:02	4	5760	<0.0868	µg/m3	0.0868	500	
Copper, Total	16:02	16:02	4	5760	<0.1736	µg/m3	0.1736	500	
Lead, Total	16:02	16:02	4	5760	<0.0868	µg/m3	0.0868	30	
Manganese, Total	16:02	16:02	4	5760	<0.1302	µg/m3	0.1302	1000	
Nickel, Total	16:02	16:02	4	5760	<0.1736	µg/m3	0.1736	500	
Zinc, Total	16:02	16:02	4	5760	<0.1736	µg/m3	0.1736	2500	

Lab ID	010500489-0002	Matrix	Air
Field ID	M-021205-116		
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	16:06	16:05	4	5756	<0.8687	µg/m3	0.8687	500	
Beryllium, Total	16:06	16:05	4	5756	<0.0348	µg/m3	0.0348	1	
Cadmium, Total	16:06	16:05	4	5756	<0.0348	µg/m3	0.0348	2.5	
Chromium, Total	16:06	16:05	4	5756	<0.0869	µg/m3	0.0869	500	
Copper, Total	16:06	16:05	4	5756	<0.1737	µg/m3	0.1737	500	
Lead, Total	16:06	16:05	4	5756	<0.0869	µg/m3	0.0869	30	
Manganese, Total	16:06	16:05	4	5756	<0.1303	µg/m3	0.1303	1000	
Nickel, Total	16:06	16:05	4	5756	<0.1737	µg/m3	0.1737	500	
Zinc, Total	16:06	16:05	4	5756	<0.1737	µg/m3	0.1737	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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Customer-Focused Solutions

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

LMDC Air Metals Profile

Client Lower Manhattan Development Corporation
Address One Liberty Plaza, 20th Floor
New York, NY 10006
Collected By K. DaRocha
Collected 2/12/2005
Rotometer Standard

Job Number 46600-0000-00001
Date Received 2/13/2005
Date Analyzed 2/13/2005
Job Location 130 Liberty Street

Lab ID 010500489-0003
Field ID M-021205-117
Location Greenwich Street

Matrix Air

<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	16:08	16:08	3.95	5688	<0.8790	µg/m3	0.8790	500	
Beryllium, Total	16:08	16:08	3.95	5688	<0.0352	µg/m3	0.0352	1	
Cadmium, Total	16:08	16:08	3.95	5688	<0.0352	µg/m3	0.0352	2.5	
Chromium, Total	16:08	16:08	3.95	5688	<0.0879	µg/m3	0.0879	500	
Copper, Total	16:08	16:08	3.95	5688	<0.1758	µg/m3	0.1758	500	
Lead, Total	16:08	16:08	3.95	5688	<0.0879	µg/m3	0.0879	30	
Manganese, Total	16:08	16:08	3.95	5688	<0.1319	µg/m3	0.1319	1000	
Nickel, Total	16:08	16:08	3.95	5688	<0.1758	µg/m3	0.1758	500	
Zinc, Total	16:08	16:08	3.95	5688	<0.1758	µg/m3	0.1758	2500	

Lab ID 010500489-0004
Field ID M-021205-118
Location Greenwich Street/Liberty Street

Matrix Air

<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	16:10	16:11	4	5764	<0.8675	µg/m3	0.8675	500	
Beryllium, Total	16:10	16:11	4	5764	<0.0347	µg/m3	0.0347	1	
Cadmium, Total	16:10	16:11	4	5764	<0.0347	µg/m3	0.0347	2.5	
Chromium, Total	16:10	16:11	4	5764	<0.0868	µg/m3	0.0868	500	
Copper, Total	16:10	16:11	4	5764	<0.1735	µg/m3	0.1735	500	
Lead, Total	16:10	16:11	4	5764	<0.0868	µg/m3	0.0868	30	
Manganese, Total	16:10	16:11	4	5764	<0.1301	µg/m3	0.1301	1000	
Nickel, Total	16:10	16:11	4	5764	<0.1735	µg/m3	0.1735	500	
Zinc, Total	16:10	16:11	4	5764	<0.1735	µg/m3	0.1735	2500	

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CITY_21MC100_003213745



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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	2/13/2005
	New York, NY 10006	Date Analyzed	2/13/2005
Collected By	K. DaRocha	Job Location	130 Liberty Street
Collected	2/12/2005		
Rotometer	Standard		

Lab ID	010500489-0005	Matrix	Air
Field ID	M-021205-119		
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	16:16	16:14	3.9	5608.2	<0.8916	µg/m3	0.8916	500	
Beryllium, Total	16:16	16:14	3.9	5608.2	<0.0357	µg/m3	0.0357	1	
Cadmium, Total	16:16	16:14	3.9	5608.2	<0.0357	µg/m3	0.0357	2.5	
Chromium, Total	16:16	16:14	3.9	5608.2	<0.0892	µg/m3	0.0892	500	
Copper, Total	16:16	16:14	3.9	5608.2	<0.1783	µg/m3	0.1783	500	
Lead, Total	16:16	16:14	3.9	5608.2	<0.0892	µg/m3	0.0892	30	
Manganese, Total	16:16	16:14	3.9	5608.2	<0.1337	µg/m3	0.1337	1000	
Nickel, Total	16:16	16:14	3.9	5608.2	<0.1783	µg/m3	0.1783	500	
Zinc, Total	16:16	16:14	3.9	5608.2	<0.1783	µg/m3	0.1783	2500	

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