



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	4/5/2005
	New York, NY 10006	Date Analyzed	4/5/2005
Collected By	V. Bajomo/K. DaRocha	Job Location	130 Liberty Street
Collected	4/4/2005		
Rotometer	Standard		

Lab ID	010501170-0001	Matrix	Air
Field ID	M-040405-421		
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	16:01	16:01	4	5760	<0.868	µg/m3	0.8680	500	
Beryllium, Total	16:01	16:01	4	5760	<0.035	µg/m3	0.035	1	
Cadmium, Total	16:01	16:01	4	5760	<0.035	µg/m3	0.035	2.5	
Chromium, Total	16:01	16:01	4	5760	<0.087	µg/m3	0.087	500	
Copper, Total	16:01	16:01	4	5760	<0.174	µg/m3	0.174	500	
Lead, Total	16:01	16:01	4	5760	1.19	µg/m3	0.087	30	
Manganese, Total	16:01	16:01	4	5760	<0.130	µg/m3	0.13	1000	
Nickel, Total	16:01	16:01	4	5760	<0.174	µg/m3	0.174	500	
Zinc, Total	16:01	16:01	4	5760	<0.174	µg/m3	0.174	2500	

Lab ID	010501170-0002	Matrix	Air
Field ID	M-040405-422		
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	16:04	16:04	4	5760	<0.868	µg/m3	0.8680	500	
Beryllium, Total	16:04	16:04	4	5760	<0.035	µg/m3	0.035	1	
Cadmium, Total	16:04	16:04	4	5760	<0.035	µg/m3	0.035	2.5	
Chromium, Total	16:04	16:04	4	5760	<0.087	µg/m3	0.087	500	
Copper, Total	16:04	16:04	4	5760	<0.174	µg/m3	0.174	500	
Lead, Total	16:04	16:04	4	5760	0.877	µg/m3	0.087	30	
Manganese, Total	16:04	16:04	4	5760	<0.130	µg/m3	0.13	1000	
Nickel, Total	16:04	16:04	4	5760	<0.174	µg/m3	0.174	500	
Zinc, Total	16:04	16:04	4	5760	<0.174	µg/m3	0.174	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_DEP_WORBY_CANNATA_SUBP_000075665



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LMDC Air Metals Profile

Client Lower Manhattan Development Corporation
 Address One Liberty Plaza, 20th Floor
 New York, NY 10006
 Collected By V. Bajomo/K. DaRocha
 Collected 4/4/2005
 Rotometer Standard

Job Number 46600-0000-00001
 Date Received 4/5/2005
 Date Analyzed 4/5/2005
 Job Location 130 Liberty Street

Lab ID 010501170-0003 Matrix Air
 Field ID M-040405-423
 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	16:07	16:07	3.95	5688	<0.879	µg/m3	0.8790	500	
Beryllium, Total	16:07	16:07	3.95	5688	<0.035	µg/m3	0.035	1	
Cadmium, Total	16:07	16:07	3.95	5688	<0.035	µg/m3	0.035	2.5	
Chromium, Total	16:07	16:07	3.95	5688	<0.088	µg/m3	0.088	500	
Copper, Total	16:07	16:07	3.95	5688	<0.176	µg/m3	0.176	500	
Lead, Total	16:07	16:07	3.95	5688	<0.088	µg/m3	0.088	30	
Manganese, Total	16:07	16:07	3.95	5688	<0.132	µg/m3	0.132	1000	
Nickel, Total	16:07	16:07	3.95	5688	<0.176	µg/m3	0.176	500	
Zinc, Total	16:07	16:07	3.95	5688	<0.176	µg/m3	0.176	2500	

Lab ID 010501170-0004 Matrix Air
 Field ID M-040405-424
 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	16:10	16:10	4	5760	<0.868	µg/m3	0.8680	500	
Beryllium, Total	16:10	16:10	4	5760	<0.035	µg/m3	0.035	1	
Cadmium, Total	16:10	16:10	4	5760	<0.035	µg/m3	0.035	2.5	
Chromium, Total	16:10	16:10	4	5760	<0.087	µg/m3	0.087	500	
Copper, Total	16:10	16:10	4	5760	<0.174	µg/m3	0.174	500	
Lead, Total	16:10	16:10	4	5760	<0.087	µg/m3	0.087	30	
Manganese, Total	16:10	16:10	4	5760	<0.130	µg/m3	0.13	1000	
Nickel, Total	16:10	16:10	4	5760	<0.174	µg/m3	0.174	500	
Zinc, Total	16:10	16:10	4	5760	<0.174	µg/m3	0.174	2500	

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

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LMDC Air Metals Profile

Client Lower Manhattan Development Corporation
 Address One Liberty Plaza, 20th Floor
 New York, NY 10006
 Collected By V. Bajomo/K. DaRocha
 Collected 4/4/2005
 Rotometer Standard

Job Number 46600-0000-00001
 Date Received 4/5/2005
 Date Analyzed 4/5/2005
 Job Location 130 Liberty Street

Lab ID 010501170-0005 Matrix Air
 Field ID M-040405-425
 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	16:13	16:16	3.95	5700	<0.877	µg/m3	0.8770	500	
Beryllium, Total	16:13	16:16	3.95	5700	<0.035	µg/m3	0.035	1	
Cadmium, Total	16:13	16:16	3.95	5700	<0.035	µg/m3	0.035	2.5	
Chromium, Total	16:13	16:16	3.95	5700	<0.088	µg/m3	0.088	500	
Copper, Total	16:13	16:16	3.95	5700	<0.175	µg/m3	0.175	500	
Lead, Total	16:13	16:16	3.95	5700	<0.088	µg/m3	0.088	30	
Manganese, Total	16:13	16:16	3.95	5700	<0.132	µg/m3	0.132	1000	
Nickel, Total	16:13	16:16	3.95	5700	<0.175	µg/m3	0.175	500	
Zinc, Total	16:13	16:16	3.95	5700	<0.175	µg/m3	0.175	2500	

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