



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	5/3/05
	New York, NY 10006	Date Analyzed	5/3/05
Collected By	K. DaRocha	Job Location	130 Liberty Street
Collected	5/2/05		
Rotometer	Standard		

Lab ID	010501621-0001	Matrix	Air
Field ID	M-050205-589		
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	16:00	4	5756	<0.87	µg/m3	0.8700	500	
Beryllium, Total	16:01	16:00	4	5756	<0.035	µg/m3	0.035	1	
Cadmium, Total	16:01	16:00	4	5756	<0.035	µg/m3	0.035	2.5	
Chromium, Total	16:01	16:00	4	5756	<0.087	µg/m3	0.087	500	
Copper, Total	16:01	16:00	4	5756	<0.17	µg/m3	0.17	500	
Lead, Total	16:01	16:00	4	5756	<0.087	µg/m3	0.087	30	
Manganese, Total	16:01	16:00	4	5756	<0.13	µg/m3	0.13	1000	
Nickel, Total	16:01	16:00	4	5756	<0.17	µg/m3	0.17	500	
Zinc, Total	16:01	16:00	4	5756	<0.17	µg/m3	0.17	2500	

Lab ID	010501621-0002	Matrix	Air
Field ID	M-050205-590		
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	16:03	4	5756	<0.87	µg/m3	0.8700	500	
Beryllium, Total	16:04	16:03	4	5756	<0.035	µg/m3	0.035	1	
Cadmium, Total	16:04	16:03	4	5756	<0.035	µg/m3	0.035	2.5	
Chromium, Total	16:04	16:03	4	5756	<0.087	µg/m3	0.087	500	
Copper, Total	16:04	16:03	4	5756	<0.17	µg/m3	0.17	500	
Lead, Total	16:04	16:03	4	5756	<0.087	µg/m3	0.087	30	
Manganese, Total	16:04	16:03	4	5756	<0.13	µg/m3	0.13	1000	
Nickel, Total	16:04	16:03	4	5756	<0.17	µg/m3	0.17	500	
Zinc, Total	16:04	16:03	4	5756	<0.17	µg/m3	0.17	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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LMDC Air Metals Profile

Client	Lower Manhattan Development Corporation	Job Number	46600-0000-00001
Address	One Liberty Plaza, 20th Floor	Date Received	5/3/05
	New York, NY 10006	Date Analyzed	5/3/05
Collected By	K. DaRocha	Job Location	130 Liberty Street
Collected	5/2/05		
Rotometer	Standard		

Lab ID	010501621-0003	Matrix	Air
Field ID	M-050205-591		
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	16:06	3.9	5612	<0.89	µg/m3	0.8900	500	
Beryllium, Total	16:07	16:06	3.9	5612	<0.036	µg/m3	0.036	1	
Cadmium, Total	16:07	16:06	3.9	5612	<0.036	µg/m3	0.036	2.5	
Chromium, Total	16:07	16:06	3.9	5612	<0.089	µg/m3	0.089	500	
Copper, Total	16:07	16:06	3.9	5612	<0.18	µg/m3	0.18	500	
Lead, Total	16:07	16:06	3.9	5612	<0.089	µg/m3	0.089	30	
Manganese, Total	16:07	16:06	3.9	5612	<0.13	µg/m3	0.13	1000	
Nickel, Total	16:07	16:06	3.9	5612	<0.18	µg/m3	0.18	500	
Zinc, Total	16:07	16:06	3.9	5612	<0.18	µg/m3	0.18	2500	

Lab ID	010501621-0004	Matrix	Air
Field ID	M-050205-592		
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	16:09	4	5756	<0.87	µg/m3	0.8700	500	
Beryllium, Total	16:10	16:09	4	5756	<0.035	µg/m3	0.035	1	
Cadmium, Total	16:10	16:09	4	5756	<0.035	µg/m3	0.035	2.5	
Chromium, Total	16:10	16:09	4	5756	<0.087	µg/m3	0.087	500	
Copper, Total	16:10	16:09	4	5756	<0.17	µg/m3	0.17	500	
Lead, Total	16:10	16:09	4	5756	<0.087	µg/m3	0.087	30	
Manganese, Total	16:10	16:09	4	5756	<0.13	µg/m3	0.13	1000	
Nickel, Total	16:10	16:09	4	5756	<0.17	µg/m3	0.17	500	
Zinc, Total	16:10	16:09	4	5756	<0.17	µg/m3	0.17	2500	

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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	5/3/05
	New York, NY 10006	Date Analyzed	5/3/05
Collected By	K. DaRocha	Job Location	130 Liberty Street
Collected	5/2/05		
Rotometer	Standard		

Lab ID	010501621-0005	Matrix	Air
Field ID	M-050205-593		
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	16:13	3.95	5688	<0.88	µg/m3	0.8800	500	
Beryllium, Total	16:13	16:13	3.95	5688	<0.035	µg/m3	0.035	1	
Cadmium, Total	16:13	16:13	3.95	5688	<0.035	µg/m3	0.035	2.5	
Chromium, Total	16:13	16:13	3.95	5688	<0.088	µg/m3	0.088	500	
Copper, Total	16:13	16:13	3.95	5688	0.46	µg/m3	0.18	500	
Lead, Total	16:13	16:13	3.95	5688	<0.088	µg/m3	0.088	30	
Manganese, Total	16:13	16:13	3.95	5688	<0.13	µg/m3	0.13	1000	
Nickel, Total	16:13	16:13	3.95	5688	<0.18	µg/m3	0.18	500	
Zinc, Total	16:13	16:13	3.95	5688	0.29	µg/m3	0.18	2500	

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