



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	01/29/2005
	New York, NY 10006	Date Analyzed	01/29/2005
Collected By	N. Agahan	Job Location	130 Liberty Street
Collected	01/28/2005		
Rotometer	Standard		

Lab ID	010500332-0001	Matrix	Air
Field ID	M-012805-025		
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	15:55	15:59	4	5776	<0.8657	µg/m3	0.8657	500	
Beryllium, Total	15:55	15:59	4	5776	<0.0346	µg/m3	0.0346	1	
Cadmium, Total	15:55	15:59	4	5776	<0.0346	µg/m3	0.0346	2.5	
Chromium, Total	15:55	15:59	4	5776	<0.0866	µg/m3	0.0866	500	
Copper, Total	15:55	15:59	4	5776	<0.1731	µg/m3	0.1731	500	
Lead, Total	15:55	15:59	4	5776	<0.0866	µg/m3	0.0866	500	
Manganese, Total	15:55	15:59	4	5776	<0.1298	µg/m3	0.1298	30	
Nickel, Total	15:55	15:59	4	5776	<0.1731	µg/m3	0.1731	1000	
Zinc, Total	15:55	15:59	4	5776	<0.1731	µg/m3	0.1731	2500	

Lab ID	010500332-0002	Matrix	Air
Field ID	M-012805-026		
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	15:58	16:00	4	5768	<0.8669	µg/m3	0.8669	500	
Beryllium, Total	15:58	16:00	4	5768	<0.0347	µg/m3	0.0347	1	
Cadmium, Total	15:58	16:00	4	5768	<0.0347	µg/m3	0.0347	2.5	
Chromium, Total	15:58	16:00	4	5768	<0.0867	µg/m3	0.0867	500	
Copper, Total	15:58	16:00	4	5768	<0.1734	µg/m3	0.1734	500	
Lead, Total	15:58	16:00	4	5768	<0.0867	µg/m3	0.0867	500	
Manganese, Total	15:58	16:00	4	5768	<0.1300	µg/m3	0.13	30	
Nickel, Total	15:58	16:00	4	5768	<0.1734	µg/m3	0.1734	1000	
Zinc, Total	15:58	16:00	4	5768	<0.1734	µg/m3	0.1734	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_007850058

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008



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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	01/29/2005
	New York, NY 10006	Date Analyzed	01/29/2005
Collected By	N. Agahan	Job Location	130 Liberty Street
Collected	01/28/2005		
Rotometer	Standard		

Lab ID	010500332-0003	Matrix	Air
Field ID	M-012805-027		
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	16:01	16:03	4	5768	<0.8669	µg/m3	0.8669	500	
Beryllium, Total	16:01	16:03	4	5768	<0.0347	µg/m3	0.0347	1	
Cadmium, Total	16:01	16:03	4	5768	<0.0347	µg/m3	0.0347	2.5	
Chromium, Total	16:01	16:03	4	5768	<0.0867	µg/m3	0.0867	500	
Copper, Total	16:01	16:03	4	5768	<0.1734	µg/m3	0.1734	500	
Lead, Total	16:01	16:03	4	5768	<0.0867	µg/m3	0.0867	500	
Manganese, Total	16:01	16:03	4	5768	<0.1300	µg/m3	0.13	30	
Nickel, Total	16:01	16:03	4	5768	<0.1734	µg/m3	0.1734	1000	
Zinc, Total	16:01	16:03	4	5768	<0.1734	µg/m3	0.1734	2500	

Lab ID	010500332-0004	Matrix	Air
Field ID	M-012805-028		
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	16:03	16:06	4	5772	<0.8663	µg/m3	0.8663	500	
Beryllium, Total	16:03	16:06	4	5772	<0.0347	µg/m3	0.0347	1	
Cadmium, Total	16:03	16:06	4	5772	<0.0347	µg/m3	0.0347	2.5	
Chromium, Total	16:03	16:06	4	5772	<0.0866	µg/m3	0.0866	500	
Copper, Total	16:03	16:06	4	5772	<0.1733	µg/m3	0.1733	500	
Lead, Total	16:03	16:06	4	5772	<0.0866	µg/m3	0.0866	500	
Manganese, Total	16:03	16:06	4	5772	<0.1299	µg/m3	0.1299	30	
Nickel, Total	16:03	16:06	4	5772	<0.1733	µg/m3	0.1733	1000	
Zinc, Total	16:03	16:06	4	5772	<0.1733	µg/m3	0.1733	2500	

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

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CITY_21MC100_007850059

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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	01/29/2005
	New York, NY 10006	Date Analyzed	01/29/2005
Collected By	N. Agahan	Job Location	130 Liberty Street
Collected	01/28/2005		
Rotometer	Standard		

Lab ID	010500332-0005	Matrix	Air
Field ID	M-012805-029		
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	16:05	16:09	4	5776	<0.8657	µg/m3	0.8657	500	
Beryllium, Total	16:05	16:09	4	5776	<0.0346	µg/m3	0.0346	1	
Cadmium, Total	16:05	16:09	4	5776	<0.0346	µg/m3	0.0346	2.5	
Chromium, Total	16:05	16:09	4	5776	<0.0866	µg/m3	0.0866	500	
Copper, Total	16:05	16:09	4	5776	<0.1731	µg/m3	0.1731	500	
Lead, Total	16:05	16:09	4	5776	<0.0866	µg/m3	0.0866	500	
Manganese, Total	16:05	16:09	4	5776	<0.1298	µg/m3	0.1298	30	
Nickel, Total	16:05	16:09	4	5776	<0.1731	µg/m3	0.1731	1000	
Zinc, Total	16:05	16:09	4	5776	<0.1731	µg/m3	0.1731	2500	

Lab ID	010500332-0006	Matrix	Air
Field ID	M-012805-030		
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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