



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
Address One Liberty Plaza, 20th Floor
New York, NY 10006
Collected By O. Kuepper/V. Bajomo
Collected 9/1/2005
Rotometer Standard

Job Number 46600-0000-00001
Date Received 9/2/2005
Date Analyzed 9/2/2005
Job Location 130 Liberty Street

Lab ID 010503422-0001 Matrix Air
Field ID M-090105-1321
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	16:10	4	5796	<0.86	µg/m3	0.86	500	
Beryllium, Total	16:01	16:10	4	5796	<0.035	µg/m3	0.035	1	
Cadmium, Total	16:01	16:10	4	5796	<0.035	µg/m3	0.035	2.5	
Chromium, Total	16:01	16:10	4	5796	<0.086	µg/m3	0.086	500	
Copper, Total	16:01	16:10	4	5796	<0.17	µg/m3	0.17	500	
Lead, Total	16:01	16:10	4	5796	0.15	µg/m3	0.086	30	
Manganese, Total	16:01	16:10	4	5796	<0.13	µg/m3	0.13	1000	
Nickel, Total	16:01	16:10	4	5796	<0.17	µg/m3	0.17	500	
Zinc, Total	16:01	16:10	4	5796	<0.17	µg/m3	0.17	2500	

Lab ID 010503422-0002 Matrix Air
Field ID M-090105-1322
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	16:05	16:14	4	5796	<0.86	µg/m3	0.86	500	
Beryllium, Total	16:05	16:14	4	5796	<0.035	µg/m3	0.035	1	
Cadmium, Total	16:05	16:14	4	5796	<0.035	µg/m3	0.035	2.5	
Chromium, Total	16:05	16:14	4	5796	<0.086	µg/m3	0.086	500	
Copper, Total	16:05	16:14	4	5796	<0.17	µg/m3	0.17	500	
Lead, Total	16:05	16:14	4	5796	0.099	µg/m3	0.086	30	
Manganese, Total	16:05	16:14	4	5796	<0.13	µg/m3	0.13	1000	
Nickel, Total	16:05	16:14	4	5796	<0.17	µg/m3	0.17	500	
Zinc, Total	16:05	16:14	4	5796	<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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CITY_DEP_WORBY_CANNATA_SUBP_000056754



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New York, NY 10006
Collected By O. Kuepper/V. Bajomo
Collected 9/1/2005
Rotometer Standard

Job Number 46600-0000-00001
Date Received 9/2/2005
Date Analyzed 9/2/2005
Job Location 130 Liberty Street

Lab ID 010503422-0003
Field ID M-090105-1323
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	16:09	16:17	4	5792	<0.86	µg/m3	0.86	500	
Beryllium, Total	16:09	16:17	4	5792	<0.035	µg/m3	0.035	1	
Cadmium, Total	16:09	16:17	4	5792	<0.035	µg/m3	0.035	2.5	
Chromium, Total	16:09	16:17	4	5792	<0.086	µg/m3	0.086	500	
Copper, Total	16:09	16:17	4	5792	<0.17	µg/m3	0.17	500	
Lead, Total	16:09	16:17	4	5792	<0.086	µg/m3	0.086	30	
Manganese, Total	16:09	16:17	4	5792	<0.13	µg/m3	0.13	1000	
Nickel, Total	16:09	16:17	4	5792	<0.17	µg/m3	0.17	500	
Zinc, Total	16:09	16:17	4	5792	<0.17	µg/m3	0.17	2500	

Lab ID 010503422-0004
Field ID M-090105-1324
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	16:13	16:21	4	5792	<0.86	µg/m3	0.86	500	
Beryllium, Total	16:13	16:21	4	5792	<0.035	µg/m3	0.035	1	
Cadmium, Total	16:13	16:21	4	5792	<0.035	µg/m3	0.035	2.5	
Chromium, Total	16:13	16:21	4	5792	<0.086	µg/m3	0.086	500	
Copper, Total	16:13	16:21	4	5792	<0.17	µg/m3	0.17	500	
Lead, Total	16:13	16:21	4	5792	<0.086	µg/m3	0.086	30	
Manganese, Total	16:13	16:21	4	5792	<0.13	µg/m3	0.13	1000	
Nickel, Total	16:13	16:21	4	5792	<0.17	µg/m3	0.17	500	
Zinc, Total	16:13	16:21	4	5792	<0.17	µg/m3	0.17	2500	

MDL = Minimum Detection Limit

MCL = Maximum Contaminant Level

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

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 Address One Liberty Plaza, 20th Floor
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 Collected By O. Kuepper/V. Bajomo
 Collected 9/1/2005
 Rotometer Standard

Job Number 46600-0000-00001
 Date Received 9/2/2005
 Date Analyzed 9/2/2005
 Job Location 130 Liberty Street

Lab ID 010503422-0005 Matrix Air
 Field ID M-090105-1325
 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	16:17	16:24	4	5788	<0.86	µg/m3	0.86	500	
Beryllium, Total	16:17	16:24	4	5788	<0.035	µg/m3	0.035	1	
Cadmium, Total	16:17	16:24	4	5788	<0.035	µg/m3	0.035	2.5	
Chromium, Total	16:17	16:24	4	5788	<0.086	µg/m3	0.086	500	
Copper, Total	16:17	16:24	4	5788	<0.17	µg/m3	0.17	500	
Lead, Total	16:17	16:24	4	5788	<0.086	µg/m3	0.086	30	
Manganese, Total	16:17	16:24	4	5788	<0.13	µg/m3	0.13	1000	
Nickel, Total	16:17	16:24	4	5788	<0.17	µg/m3	0.17	500	
Zinc, Total	16:17	16:24	4	5788	1.1	µg/m3	0.17	2500	

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