



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 K. DaRocha
Collected 4/6/2005
Rotometer Standard

Job Number 46600-0000-00001
Date Received 4/7/2005
Date Analyzed 4/7/2005
Job Location 130 Liberty Street

Lab ID 010501218-0001 Matrix Air
Field ID M-040605-433
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	16:01	4	5756	<0.869	µg/m3	0.8690	500	
Beryllium, Total	16:02	16:01	4	5756	<0.035	µg/m3	0.035	1	
Cadmium, Total	16:02	16:01	4	5756	<0.035	µg/m3	0.035	2.5	
Chromium, Total	16:02	16:01	4	5756	<0.087	µg/m3	0.087	500	
Copper, Total	16:02	16:01	4	5756	0.203	µg/m3	0.174	500	
Lead, Total	16:02	16:01	4	5756	0.46	µg/m3	0.087	30	
Manganese, Total	16:02	16:01	4	5756	<0.130	µg/m3	0.13	1000	
Nickel, Total	16:02	16:01	4	5756	<0.174	µg/m3	0.174	500	
Zinc, Total	16:02	16:01	4	5756	<0.174	µg/m3	0.174	2500	

Lab ID 010501218-0002 Matrix Air
Field ID M-040605-434
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	16:04	4	5756	<0.869	µg/m3	0.8690	500	
Beryllium, Total	16:05	16:04	4	5756	<0.035	µg/m3	0.035	1	
Cadmium, Total	16:05	16:04	4	5756	<0.035	µg/m3	0.035	2.5	
Chromium, Total	16:05	16:04	4	5756	<0.087	µg/m3	0.087	500	
Copper, Total	16:05	16:04	4	5756	<0.174	µg/m3	0.174	500	
Lead, Total	16:05	16:04	4	5756	0.211	µg/m3	0.087	30	
Manganese, Total	16:05	16:04	4	5756	<0.130	µg/m3	0.13	1000	
Nickel, Total	16:05	16:04	4	5756	<0.174	µg/m3	0.174	500	
Zinc, Total	16:05	16:04	4	5756	<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_000114333



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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 K. DaRocha
Collected 4/6/2005
Rotometer Standard

Job Number 46600-0000-00001
Date Received 4/7/2005
Date Analyzed 4/7/2005
Job Location 130 Liberty Street

Lab ID 010501218-0003
Field ID M-040605-435
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	16:07	4	5756	<0.869	µg/m3	0.8690	500	
Beryllium, Total	16:08	16:07	4	5756	<0.035	µg/m3	0.035	1	
Cadmium, Total	16:08	16:07	4	5756	<0.035	µg/m3	0.035	2.5	
Chromium, Total	16:08	16:07	4	5756	<0.087	µg/m3	0.087	500	
Copper, Total	16:08	16:07	4	5756	<0.174	µg/m3	0.174	500	
Lead, Total	16:08	16:07	4	5756	<0.087	µg/m3	0.087	30	
Manganese, Total	16:08	16:07	4	5756	<0.130	µg/m3	0.13	1000	
Nickel, Total	16:08	16:07	4	5756	<0.174	µg/m3	0.174	500	
Zinc, Total	16:08	16:07	4	5756	<0.174	µg/m3	0.174	2500	

Lab ID 010501218-0004
Field ID M-040605-436
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	16:11	16:11	4	5760	<0.868	µg/m3	0.8680	500	
Beryllium, Total	16:11	16:11	4	5760	<0.035	µg/m3	0.035	1	
Cadmium, Total	16:11	16:11	4	5760	<0.035	µg/m3	0.035	2.5	
Chromium, Total	16:11	16:11	4	5760	<0.087	µg/m3	0.087	500	
Copper, Total	16:11	16:11	4	5760	<0.174	µg/m3	0.174	500	
Lead, Total	16:11	16:11	4	5760	<0.087	µg/m3	0.087	30	
Manganese, Total	16:11	16:11	4	5760	<0.130	µg/m3	0.13	1000	
Nickel, Total	16:11	16:11	4	5760	<0.174	µg/m3	0.174	500	
Zinc, Total	16:11	16:11	4	5760	<0.174	µg/m3	0.174	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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CITY_DEP_WORBY_CANNATA_SUBP_000114334



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Client Lower Manhattan Development Corporation
 Address One Liberty Plaza, 20th Floor
 New York, NY 10006
 Collected By K. DaRocha
 Collected 4/6/2005
 Rotometer Standard

Job Number 46600-0000-00001
 Date Received 4/7/2005
 Date Analyzed 4/7/2005
 Job Location 130 Liberty Street

Lab ID 010501218-0005 Matrix Air
 Field ID M-040605-437
 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	16:15	16:15	4	5760	<0.868	µg/m3	0.8680	500	
Beryllium, Total	16:15	16:15	4	5760	<0.035	µg/m3	0.035	1	
Cadmium, Total	16:15	16:15	4	5760	<0.035	µg/m3	0.035	2.5	
Chromium, Total	16:15	16:15	4	5760	<0.087	µg/m3	0.087	500	
Copper, Total	16:15	16:15	4	5760	<0.174	µg/m3	0.174	500	
Lead, Total	16:15	16:15	4	5760	<0.087	µg/m3	0.087	30	
Manganese, Total	16:15	16:15	4	5760	<0.130	µg/m3	0.13	1000	
Nickel, Total	16:15	16:15	4	5760	<0.174	µg/m3	0.174	500	
Zinc, Total	16:15	16:15	4	5760	0.198	µg/m3	0.174	2500	

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