



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 D. Katehis
Collected 6/14/2005
Rotometer Standard

Job Number 46600-0000-00001
Date Received 6/15/2005
Date Analyzed 6/15/2005
Job Location 130 Liberty Street

Lab ID 010502242-0001 Matrix Air
Field ID 061405-847
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	<0.87	µg/m ³	0.8700	500	
Beryllium, Total	16:01	16:01	4	5760	<0.035	µg/m ³	0.0350	1	
Cadmium, Total	16:01	16:01	4	5760	<0.035	µg/m ³	0.0350	2.5	
Chromium, Total	16:01	16:01	4	5760	<0.087	µg/m ³	0.0870	500	
Copper, Total	16:01	16:01	4	5760	<0.17	µg/m ³	0.1700	500	
Lead, Total	16:01	16:01	4	5760	<0.087	µg/m ³	0.0870	30	
Manganese, Total	16:01	16:01	4	5760	<0.13	µg/m ³	0.1300	1000	
Nickel, Total	16:01	16:01	4	5760	<0.17	µg/m ³	0.1700	500	
Zinc, Total	16:01	16:01	3.95	5688	<0.17	µg/m ³	0.1700	2500	

Lab ID 010502242-0002 Matrix Air
Field ID 061405-848
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	<0.87	µg/m ³	0.8700	500	
Beryllium, Total	16:04	16:04	4	5760	<0.035	µg/m ³	0.0350	1	
Cadmium, Total	16:04	16:04	4	5760	<0.035	µg/m ³	0.0350	2.5	
Chromium, Total	16:04	16:04	4	5760	<0.087	µg/m ³	0.0870	500	
Copper, Total	16:04	16:04	4	5760	<0.17	µg/m ³	0.1700	500	
Lead, Total	16:04	16:04	4	5760	<0.087	µg/m ³	0.0870	30	
Manganese, Total	16:04	16:04	4	5760	<0.13	µg/m ³	0.1300	1000	
Nickel, Total	16:04	16:04	4	5760	<0.17	µg/m ³	0.1700	500	
Zinc, Total	16:04	16:04	3.95	5688	<0.17	µg/m ³	0.1700	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

Page 1 of 3

CITY_DEP_WORBY_CANNATA_SUBP_000078963



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 D. Katehis
Collected 6/14/2005
Rotometer Standard

Job Number 46600-0000-00001
Date Received 6/15/2005
Date Analyzed 6/15/2005
Job Location 130 Liberty Street

Lab ID 010502242-0003
Field ID 061405-849
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	16:07	16:07	4	5760	<0.87	µg/m ³	0.8700	500	
Beryllium, Total	16:07	16:07	4	5760	<0.035	µg/m ³	0.0350	1	
Cadmium, Total	16:07	16:07	4	5760	<0.035	µg/m ³	0.0350	2.5	
Chromium, Total	16:07	16:07	4	5760	<0.087	µg/m ³	0.0870	500	
Copper, Total	16:07	16:07	4	5760	<0.17	µg/m ³	0.1700	500	
Lead, Total	16:07	16:07	4	5760	<0.087	µg/m ³	0.0870	30	
Manganese, Total	16:07	16:07	4	5760	<0.13	µg/m ³	0.1300	1000	
Nickel, Total	16:07	16:07	4	5760	<0.17	µg/m ³	0.1700	500	
Zinc, Total	16:07	16:07	3.95	5688	<0.17	µg/m ³	0.1700	2500	

Lab ID 010502242-0004
Field ID 061405-850
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	16:10	16:10	4	5760	<0.87	µg/m ³	0.8700	500	
Beryllium, Total	16:10	16:10	4	5760	<0.035	µg/m ³	0.0350	1	
Cadmium, Total	16:10	16:10	4	5760	<0.035	µg/m ³	0.0350	2.5	
Chromium, Total	16:10	16:10	4	5760	<0.087	µg/m ³	0.0870	500	
Copper, Total	16:10	16:10	4	5760	<0.17	µg/m ³	0.1700	500	
Lead, Total	16:10	16:10	4	5760	<0.087	µg/m ³	0.0870	30	
Manganese, Total	16:10	16:10	4	5760	<0.13	µg/m ³	0.1300	1000	
Nickel, Total	16:10	16:10	4	5760	<0.17	µg/m ³	0.1700	500	
Zinc, Total	16:10	16:10	3.95	5688	<0.17	µg/m ³	0.1700	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

Page 2 of 3

CITY_DEP_WORBY_CANNATA_SUBP_000078964



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 D. Katehis
 Collected 6/14/2005
 Rotometer Standard

Job Number 46600-0000-00001
 Date Received 6/15/2005
 Date Analyzed 6/15/2005
 Job Location 130 Liberty Street

Lab ID 010502242-0005 Matrix Air
 Field ID 061405-851
 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	4	5760	<0.87	µg/m ³	0.8700	500	
Beryllium, Total	16:13	16:13	4	5760	<0.035	µg/m ³	0.0350	1	
Cadmium, Total	16:13	16:13	4	5760	<0.035	µg/m ³	0.0350	2.5	
Chromium, Total	16:13	16:13	4	5760	<0.087	µg/m ³	0.0870	500	
Copper, Total	16:13	16:13	4	5760	<0.17	µg/m ³	0.1700	500	
Lead, Total	16:13	16:13	4	5760	<0.087	µg/m ³	0.0870	30	
Manganese, Total	16:13	16:13	4	5760	<0.13	µg/m ³	0.1300	1000	
Nickel, Total	16:13	16:13	4	5760	<0.17	µg/m ³	0.1700	500	
Zinc, Total	16:13	16:13	3.95	5688	<0.17	µg/m ³	0.1700	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

Page 3 of 3

CITY_DEP_WORBY_CANNATA_SUBP_000078965