



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 8/31/2005
Rotometer Standard

Job Number 46600-0000-00001
Date Received 9/1/2005
Date Analyzed 9/1/2005
Job Location 130 Liberty Street

Lab ID 010503399-0001 Matrix Air
Field ID M-083105-1315
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	0.87	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	0.19	µg/m3	0.17	500	
Lead, Total	16:01	16:00	4	5756	0.41	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	0.39	µg/m3	0.17	2500	

Lab ID 010503399-0002 Matrix Air
Field ID M-083105-1316
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	<0.87	µg/m3	0.87	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	<0.17	µg/m3	0.17	500	
Lead, Total	16:05	16:04	4	5756	<0.087	µg/m3	0.087	30	
Manganese, Total	16:05	16:04	4	5756	<0.13	µg/m3	0.13	1000	
Nickel, Total	16:05	16:04	4	5756	<0.17	µg/m3	0.17	500	
Zinc, Total	16:05	16:04	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

Page 1 of 3

CITY_DEP_WORBY_CANNATA_SUBP_000056751



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 8/31/2005
Rotometer Standard

Job Number 46600-0000-00001
Date Received 9/1/2005
Date Analyzed 9/1/2005
Job Location 130 Liberty Street

Lab ID 010503399-0003
Field ID M-083105-1317
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	16:08	4	5756	<0.87	µg/m3	0.87	500	
Beryllium, Total	16:09	16:08	4	5756	<0.035	µg/m3	0.035	1	
Cadmium, Total	16:09	16:08	4	5756	<0.035	µg/m3	0.035	2.5	
Chromium, Total	16:09	16:08	4	5756	<0.087	µg/m3	0.087	500	
Copper, Total	16:09	16:08	4	5756	<0.17	µg/m3	0.17	500	
Lead, Total	16:09	16:08	4	5756	<0.087	µg/m3	0.087	30	
Manganese, Total	16:09	16:08	4	5756	<0.13	µg/m3	0.13	1000	
Nickel, Total	16:09	16:08	4	5756	<0.17	µg/m3	0.17	500	
Zinc, Total	16:09	16:08	4	5756	<0.17	µg/m3	0.17	2500	

Lab ID 010503399-0004
Field ID M-083105-1318
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	16:12	3.9	5612	<0.89	µg/m3	0.89	500	
Beryllium, Total	16:13	16:12	3.9	5612	<0.036	µg/m3	0.036	1	
Cadmium, Total	16:13	16:12	3.9	5612	<0.036	µg/m3	0.036	2.5	
Chromium, Total	16:13	16:12	3.9	5612	<0.089	µg/m3	0.089	500	
Copper, Total	16:13	16:12	3.9	5612	<0.18	µg/m3	0.18	500	
Lead, Total	16:13	16:12	3.9	5612	<0.089	µg/m3	0.089	30	
Manganese, Total	16:13	16:12	3.9	5612	<0.13	µg/m3	0.13	1000	
Nickel, Total	16:13	16:12	3.9	5612	<0.18	µg/m3	0.18	500	
Zinc, Total	16:13	16:12	3.9	5612	<0.18	µg/m3	0.18	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_000056752



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 8/31/2005
 Rotometer Standard

Job Number 46600-0000-00001
 Date Received 9/1/2005
 Date Analyzed 9/1/2005
 Job Location 130 Liberty Street

Lab ID 010503399-0005 Matrix Air
 Field ID M-083105-1319
 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	16:16	4	5756	<0.87	µg/m3	0.87	500	
Beryllium, Total	16:17	16:16	4	5756	<0.035	µg/m3	0.035	1	
Cadmium, Total	16:17	16:16	4	5756	<0.035	µg/m3	0.035	2.5	
Chromium, Total	16:17	16:16	4	5756	<0.087	µg/m3	0.087	500	
Copper, Total	16:17	16:16	4	5756	<0.17	µg/m3	0.17	500	
Lead, Total	16:17	16:16	4	5756	<0.087	µg/m3	0.087	30	
Manganese, Total	16:17	16:16	4	5756	<0.13	µg/m3	0.13	1000	
Nickel, Total	16:17	16:16	4	5756	<0.17	µg/m3	0.17	500	
Zinc, Total	16:17	16:16	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

Page 3 of 3

CITY_DEP_WORBY_CANNATA_SUBP_000056753