



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 2/3/2005
Rotometer Standard

Job Number 46600-0000-00001
Date Received 02/04/05
Date Analyzed 02/04/05
Job Location 130 Liberty Street

Lab ID 010500405-0001 Matrix Air
Field ID M-020305-061
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	16:03	16:02	4	5756	<0.8687	µg/m3	0.8687	500	
Beryllium, Total	16:03	16:02	4	5756	<0.0348	µg/m3	0.0348	1	
Cadmium, Total	16:03	16:02	4	5756	<0.0348	µg/m3	0.0348	2.5	
Chromium, Total	16:03	16:02	4	5756	<0.0869	µg/m3	0.0869	500	
Copper, Total	16:03	16:02	4	5756	<0.1737	µg/m3	0.1737	500	
Lead, Total	16:03	16:02	4	5756	<0.0869	µg/m3	0.0869	500	
Manganese, Total	16:03	16:02	4	5756	<0.1303	µg/m3	0.1303	30	
Nickel, Total	16:03	16:02	4	5756	<0.1737	µg/m3	0.1737	1000	
Zinc, Total	16:03	16:02	4	5756	<0.1737	µg/m3	0.1737	2500	

Lab ID 010500405-0002 Matrix Air
Field ID M-020305-062
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	16:06	16:05	3.95	5684	<0.8797	µg/m3	0.8797	500	
Beryllium, Total	16:06	16:05	3.95	5684	<0.0352	µg/m3	0.0352	1	
Cadmium, Total	16:06	16:05	3.95	5684	<0.0352	µg/m3	0.0352	2.5	
Chromium, Total	16:06	16:05	3.95	5684	<0.0880	µg/m3	0.088	500	
Copper, Total	16:06	16:05	3.95	5684	<0.1759	µg/m3	0.1759	500	
Lead, Total	16:06	16:05	3.95	5684	<0.0880	µg/m3	0.088	500	
Manganese, Total	16:06	16:05	3.95	5684	<0.1319	µg/m3	0.1319	30	
Nickel, Total	16:06	16:05	3.95	5684	<0.1759	µg/m3	0.1759	1000	
Zinc, Total	16:06	16:05	3.95	5684	<0.1759	µg/m3	0.1759	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_000071329



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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 2/3/2005
Rotometer Standard

Job Number 46600-0000-00001
Date Received 02/04/05
Date Analyzed 02/04/05
Job Location 130 Liberty Street

Lab ID 010500405-0003
Field ID M-020305-063
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	3.95	5684	<0.8797	µg/m3	0.8797	500	
Beryllium, Total	16:09	16:08	3.95	5684	<0.0352	µg/m3	0.0352	1	
Cadmium, Total	16:09	16:08	3.95	5684	<0.0352	µg/m3	0.0352	2.5	
Chromium, Total	16:09	16:08	3.95	5684	<0.0880	µg/m3	0.088	500	
Copper, Total	16:09	16:08	3.95	5684	<0.1759	µg/m3	0.1759	500	
Lead, Total	16:09	16:08	3.95	5684	<0.0880	µg/m3	0.088	500	
Manganese, Total	16:09	16:08	3.95	5684	<0.1319	µg/m3	0.1319	30	
Nickel, Total	16:09	16:08	3.95	5684	<0.1759	µg/m3	0.1759	1000	
Zinc, Total	16:09	16:08	3.95	5684	<0.1759	µg/m3	0.1759	2500	

Lab ID 010500405-0004
Field ID M-020305-064
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	16:12	16:11	4	5756	<0.8687	µg/m3	0.8687	500	
Beryllium, Total	16:12	16:11	4	5756	<0.0348	µg/m3	0.0348	1	
Cadmium, Total	16:12	16:11	4	5756	<0.0348	µg/m3	0.0348	2.5	
Chromium, Total	16:12	16:11	4	5756	<0.0869	µg/m3	0.0869	500	
Copper, Total	16:12	16:11	4	5756	<0.1737	µg/m3	0.1737	500	
Lead, Total	16:12	16:11	4	5756	<0.0869	µg/m3	0.0869	500	
Manganese, Total	16:12	16:11	4	5756	<0.1303	µg/m3	0.1303	30	
Nickel, Total	16:12	16:11	4	5756	<0.1737	µg/m3	0.1737	1000	
Zinc, Total	16:12	16:11	4	5756	<0.1737	µg/m3	0.1737	2500	

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Page 2 of 3

CITY_DEP_WORBY_CANNATA_SUBP_000071330



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 Collected By K. DaRocha
 Collected 2/3/2005
 Rotometer Standard

Job Number 46600-0000-00001
 Date Received 02/04/05
 Date Analyzed 02/04/05
 Job Location 130 Liberty Street

Lab ID 010500405-0005 Matrix Air
 Field ID M-020305-065
 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	16:16	16:14	4	5752	<0.8693	µg/m3	0.8693	500	
Beryllium, Total	16:16	16:14	4	5752	<0.0348	µg/m3	0.0348	1	
Cadmium, Total	16:16	16:14	4	5752	<0.0348	µg/m3	0.0348	2.5	
Chromium, Total	16:16	16:14	4	5752	<0.0869	µg/m3	0.0869	500	
Copper, Total	16:16	16:14	4	5752	<0.1739	µg/m3	0.1739	500	
Lead, Total	16:16	16:14	4	5752	<0.0869	µg/m3	0.0869	500	
Manganese, Total	16:16	16:14	4	5752	<0.1304	µg/m3	0.1304	30	
Nickel, Total	16:16	16:14	4	5752	<0.1739	µg/m3	0.1739	1000	
Zinc, Total	16:16	16:14	4	5752	<0.1739	µg/m3	0.1739	2500	

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Page 3 of 3

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