



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 2/18/2005
Rotometer Standard

Job Number 46600-0000-00001
Date Received 2/19/2005
Date Analyzed 2/19/2005
Job Location 130 Liberty Street

Lab ID 010500574-0001 Matrix Air
Field ID M-021805-151
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	16:02	4	5760	<0.8681	µg/m3	0.8681	500	
Beryllium, Total	16:02	16:02	4	5760	<0.0347	µg/m3	0.0347	1	
Cadmium, Total	16:02	16:02	4	5760	<0.0347	µg/m3	0.0347	2.5	
Chromium, Total	16:02	16:02	4	5760	<0.0868	µg/m3	0.0868	500	
Copper, Total	16:02	16:02	4	5760	<0.1736	µg/m3	0.1736	500	
Lead, Total	16:02	16:02	4	5760	<0.0868	µg/m3	0.0868	30	
Manganese, Total	16:02	16:02	4	5760	<0.1302	µg/m3	0.1302	1000	
Nickel, Total	16:02	16:02	4	5760	<0.1736	µg/m3	0.1736	500	
Zinc, Total	16:02	16:02	4	5760	<0.1736	µg/m3	0.1736	2500	

Lab ID 010500574-0002 Matrix Air
Field ID M-021805-152
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	16:06	3.9	5620	<0.8897	µg/m3	0.8897	500	
Beryllium, Total	16:05	16:06	3.9	5620	<0.0356	µg/m3	0.0356	1	
Cadmium, Total	16:05	16:06	3.9	5620	<0.0356	µg/m3	0.0356	2.5	
Chromium, Total	16:05	16:06	3.9	5620	<0.0890	µg/m3	0.089	500	
Copper, Total	16:05	16:06	3.9	5620	<0.1779	µg/m3	0.1779	500	
Lead, Total	16:05	16:06	3.9	5620	<0.0890	µg/m3	0.089	30	
Manganese, Total	16:05	16:06	3.9	5620	<0.1335	µg/m3	0.1335	1000	
Nickel, Total	16:05	16:06	3.9	5620	<0.1779	µg/m3	0.1779	500	
Zinc, Total	16:05	16:06	3.9	5620	<0.1779	µg/m3	0.1779	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_000079150



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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 2/18/2005
 Rotometer Standard

Job Number 46600-0000-00001
 Date Received 2/19/2005
 Date Analyzed 2/19/2005
 Job Location 130 Liberty Street

Lab ID 010500574-0003
 Field ID M-021805-153
 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	16:11	4	5768	<0.8669	µg/m3	0.8669	500	
Beryllium, Total	16:09	16:11	4	5768	<0.0347	µg/m3	0.0347	1	
Cadmium, Total	16:09	16:11	4	5768	<0.0347	µg/m3	0.0347	2.5	
Chromium, Total	16:09	16:11	4	5768	<0.0867	µg/m3	0.0867	500	
Copper, Total	16:09	16:11	4	5768	<0.1734	µg/m3	0.1734	500	
Lead, Total	16:09	16:11	4	5768	<0.0867	µg/m3	0.0867	30	
Manganese, Total	16:09	16:11	4	5768	<0.1300	µg/m3	0.13	1000	
Nickel, Total	16:09	16:11	4	5768	<0.1734	µg/m3	0.1734	500	
Zinc, Total	16:09	16:11	4	5768	<0.1734	µg/m3	0.1734	2500	

Lab ID 010500574-0004
 Field ID M-021805-154
 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	16:15	4	5768	<0.8669	µg/m3	0.8669	500	
Beryllium, Total	16:13	16:15	4	5768	<0.0347	µg/m3	0.0347	1	
Cadmium, Total	16:13	16:15	4	5768	<0.0347	µg/m3	0.0347	2.5	
Chromium, Total	16:13	16:15	4	5768	<0.0867	µg/m3	0.0867	500	
Copper, Total	16:13	16:15	4	5768	<0.1734	µg/m3	0.1734	500	
Lead, Total	16:13	16:15	4	5768	0.1992	µg/m3	0.0867	30	
Manganese, Total	16:13	16:15	4	5768	<0.1300	µg/m3	0.13	1000	
Nickel, Total	16:13	16:15	4	5768	<0.1734	µg/m3	0.1734	500	
Zinc, Total	16:13	16:15	4	5768	<0.1734	µg/m3	0.1734	2500	

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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_000079151



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 Collected 2/18/2005
 Rotometer Standard

Job Number 46600-0000-00001
 Date Received 2/19/2005
 Date Analyzed 2/19/2005
 Job Location 130 Liberty Street

Lab ID 010500574-0005 Matrix Air
 Field ID M-021805-155
 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	16:20	4	5776	<0.8657	µg/m3	0.8657	500	
Beryllium, Total	16:16	16:20	4	5776	<0.0346	µg/m3	0.0346	1	
Cadmium, Total	16:16	16:20	4	5776	<0.0346	µg/m3	0.0346	2.5	
Chromium, Total	16:16	16:20	4	5776	<0.0866	µg/m3	0.0866	500	
Copper, Total	16:16	16:20	4	5776	<0.1731	µg/m3	0.1731	500	
Lead, Total	16:16	16:20	4	5776	<0.0866	µg/m3	0.0866	30	
Manganese, Total	16:16	16:20	4	5776	<0.1298	µg/m3	0.1298	1000	
Nickel, Total	16:16	16:20	4	5776	<0.1731	µg/m3	0.1731	500	
Zinc, Total	16:16	16:20	4	5776	<0.1731	µg/m3	0.1731	2500	

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