TRC
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	Job Number	46600-0000-00001
Address	One Liberty Plaza, 20th Floor	Date Received	2/14/2005
	New York, NY 10006	Date Analyzed	2/14/2005
Collected By	K. DaRocha	Job Location	130 Liberty Street
Collected	2/13/2005		
Rotometer	Standard		

Lab ID 010500511-0001 Matrix Air
Field ID M-021305-121
Location Washington Street/Albany Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
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 010500511-0002 Matrix Air
Field ID M-021305-122
Location Albany Street/Greenwich Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:05	16:05	4	5760	**<0.8681**	µg/m3	0.8681	500	
Beryllium, Total	16:05	16:05	4	5760	**<0.0347**	µg/m3	0.0347	1	
Cadmium, Total	16:05	16:05	4	5760	**<0.0347**	µg/m3	0.0347	2.5	
Chromium, Total	16:05	16:05	4	5760	**<0.0868**	µg/m3	0.0868	500	
Copper, Total	16:05	16:05	4	5760	**<0.1736**	µg/m3	0.1736	500	
Lead,Total	16:05	16:05	4	5760	**<0.0868**	µg/m3	0.0868	30	
Manganese, Total	16:05	16:05	4	5760	**<0.1302**	µg/m3	0.1302	1000	
Nickel, Total	16:05	16:05	4	5760	**<0.1736**	µg/m3	0.1736	500	
Zinc, Total	16:05	16:05	4	5760	**0.1897**	µg/m3	0.1736	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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Address	One Liberty Plaza, 20th Floor	Date Received	2/14/2005
	New York, NY 10006	Date Analyzed	2/14/2005
Collected By	K. DaRocha	Job Location	130 Liberty Street
Collected	2/13/2005		
Rotometer	Standard		

Lab ID 010500511-0003 Matrix Air
Field ID M-021305-123
Location Greenwich Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:08	16:08	4	5760	**<0.8681**	µg/m3	0.8681	500	
Beryllium, Total	16:08	16:08	4	5760	**<0.0347**	µg/m3	0.0347	1	
Cadmium, Total	16:08	16:08	4	5760	**<0.0347**	µg/m3	0.0347	2.5	
Chromium, Total	16:08	16:08	4	5760	**<0.0868**	µg/m3	0.0868	500	
Copper, Total	16:08	16:08	4	5760	**<0.1736**	µg/m3	0.1736	500	
Lead,Total	16:08	16:08	4	5760	**0.3508**	µg/m3	0.0868	30	
Manganese, Total	16:08	16:08	4	5760	**<0.1302**	µg/m3	0.1302	1000	
Nickel, Total	16:08	16:08	4	5760	**<0.1736**	µg/m3	0.1736	500	
Zinc, Total	16:08	16:08	4	5760	**<0.1736**	µg/m3	0.1736	2500	

Lab ID 010500511-0004 Matrix Air
Field ID M-021305-124
Location Greenwich Street/Liberty Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:11	16:11	3.9	5616	**<0.8903**	µg/m3	0.8903	500	
Beryllium, Total	16:11	16:11	3.9	5616	**<0.0356**	µg/m3	0.0356	1	
Cadmium, Total	16:11	16:11	3.9	5616	**<0.0356**	µg/m3	0.0356	2.5	
Chromium, Total	16:11	16:11	3.9	5616	**<0.0890**	µg/m3	0.089	500	
Copper, Total	16:11	16:11	3.9	5616	**0.2177**	µg/m3	0.1781	500	
Lead,Total	16:11	16:11	3.9	5616	**0.8553**	µg/m3	0.089	30	
Manganese, Total	16:11	16:11	3.9	5616	**<0.1335**	µg/m3	0.1335	1000	
Nickel, Total	16:11	16:11	3.9	5616	**<0.1781**	µg/m3	0.1781	500	
Zinc, Total	16:11	16:11	3.9	5616	**<0.1781**	µg/m3	0.1781	2500	

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	New York, NY 10006	Date Analyzed	2/14/2005
Collected By	K. DaRocha	Job Location	130 Liberty Street
Collected	2/13/2005		
Rotometer	Standard		

Lab ID	010500511-0005	Matrix	Air
Field ID	M-021305-125		
Location	Washington Street/Cedar Street		

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:14	16:15	3.95	5692	**<0.8784**	µg/m3	0.8784	500	
Beryllium, Total	16:14	16:15	3.95	5692	**<0.0351**	µg/m3	0.0351	1	
Cadmium, Total	16:14	16:15	3.95	5692	**<0.0351**	µg/m3	0.0351	2.5	
Chromium, Total	16:14	16:15	3.95	5692	**<0.0878**	µg/m3	0.0878	500	
Copper, Total	16:14	16:15	3.95	5692	**<0.1757**	µg/m3	0.1757	500	
Lead,Total	16:14	16:15	3.95	5692	**<0.0878**	µg/m3	0.0878	30	
Manganese, Total	16:14	16:15	3.95	5692	**<0.1318**	µg/m3	0.1318	1000	
Nickel, Total	16:14	16:15	3.95	5692	**<0.1757**	µg/m3	0.1757	500	
Zinc, Total	16:14	16:15	3.95	5692	**<0.1757**	µg/m3	0.1757	2500	

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