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	4/2/2005
	New York, NY 10006	Date Analyzed	4/2/2005
Collected By	K. DaRocha/ V. Bajomo	Job Location	130 Liberty Street
Collected	4/1/2005		
Rotometer	Standard		

Lab ID 010501139-0001 Matrix Air
Field ID M-040105-403
Location Washington Street/Albany Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:01	16:02	3.9	5620	**<0.890**	µg/m3	0.8900	500	
Beryllium, Total	16:01	16:02	3.9	5620	**<0.036**	µg/m3	0.036	1	
Cadmium, Total	16:01	16:02	3.9	5620	**<0.036**	µg/m3	0.036	2.5	
Chromium, Total	16:01	16:02	3.9	5620	**<0.089**	µg/m3	0.089	500	
Copper, Total	16:01	16:02	3.9	5620	**<0.178**	µg/m3	0.178	500	
Lead, Total	16:01	16:02	3.9	5620	**<0.089**	µg/m3	0.089	30	
Manganese, Total	16:01	16:02	3.9	5620	**<0.133**	µg/m3	0.133	1000	
Nickel, Total	16:01	16:02	3.9	5620	**<0.178**	µg/m3	0.178	500	
Zinc, Total	16:01	16:02	3.9	5620	**<0.178**	µg/m3	0.178	2500	

Lab ID 010501139-0002 Matrix Air
Field ID M-040105-404
Location Albany Street/Greenwich Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:04	16:05	4	5764	**<0.867**	µg/m3	0.8670	500	
Beryllium, Total	16:04	16:05	4	5764	**<0.035**	µg/m3	0.035	1	
Cadmium, Total	16:04	16:05	4	5764	**<0.035**	µg/m3	0.035	2.5	
Chromium, Total	16:04	16:05	4	5764	**<0.087**	µg/m3	0.087	500	
Copper, Total	16:04	16:05	4	5764	**<0.173**	µg/m3	0.173	500	
Lead, Total	16:04	16:05	4	5764	**<0.087**	µg/m3	0.087	30	
Manganese, Total	16:04	16:05	4	5764	**<0.130**	µg/m3	0.13	1000	
Nickel, Total	16:04	16:05	4	5764	**<0.173**	µg/m3	0.173	500	
Zinc, Total	16:04	16:05	4	5764	**<0.173**	µg/m3	0.173	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	4/2/2005
	New York, NY 10006	Date Analyzed	4/2/2005
Collected By	K. DaRocha/ V. Bajomo	Job Location	130 Liberty Street
Collected	4/1/2005		
Rotometer	Standard		

Lab ID 010501139-0003 Matrix Air
Field ID M-040105-405
Location Greenwich Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:07	16:08	4	5764	**<0.867**	µg/m3	0.8670	500	
Beryllium, Total	16:07	16:08	4	5764	**<0.035**	µg/m3	0.035	1	
Cadmium, Total	16:07	16:08	4	5764	**<0.035**	µg/m3	0.035	2.5	
Chromium, Total	16:07	16:08	4	5764	**<0.087**	µg/m3	0.087	500	
Copper, Total	16:07	16:08	4	5764	**<0.173**	µg/m3	0.173	500	
Lead, Total	16:07	16:08	4	5764	**<0.087**	µg/m3	0.087	30	
Manganese, Total	16:07	16:08	4	5764	**<0.130**	µg/m3	0.13	1000	
Nickel, Total	16:07	16:08	4	5764	**<0.173**	µg/m3	0.173	500	
Zinc, Total	16:07	16:08	4	5764	**<0.173**	µg/m3	0.173	2500	

Lab ID 010501139-0004 Matrix Air
Field ID M-040105-406
Location Greenwich Street/Liberty Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:10	16:11	3.9	5620	**<0.890**	µg/m3	0.8900	500	
Beryllium, Total	16:10	16:11	3.9	5620	**<0.036**	µg/m3	0.036	1	
Cadmium, Total	16:10	16:11	3.9	5620	**<0.036**	µg/m3	0.036	2.5	
Chromium, Total	16:10	16:11	3.9	5620	**<0.089**	µg/m3	0.089	500	
Copper, Total	16:10	16:11	3.9	5620	**<0.178**	µg/m3	0.178	500	
Lead, Total	16:10	16:11	3.9	5620	**<0.089**	µg/m3	0.089	30	
Manganese, Total	16:10	16:11	3.9	5620	**<0.133**	µg/m3	0.133	1000	
Nickel, Total	16:10	16:11	3.9	5620	**<0.178**	µg/m3	0.178	500	
Zinc, Total	16:10	16:11	3.9	5620	**<0.178**	µg/m3	0.178	2500	

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Address	One Liberty Plaza, 20th Floor	Date Received	4/2/2005
	New York, NY 10006	Date Analyzed	4/2/2005
Collected By	K. DaRocha/ V. Bajomo	Job Location	130 Liberty Street
Collected	4/1/2005		
Rotometer	Standard		

Lab ID	010501139-0005	Matrix	Air
Field ID	M-040105-407		
Location	Washington Street/Cedar Street		

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:15	16:15	4	5760	**<0.868**	µg/m3	0.8680	500	
Beryllium, Total	16:15	16:15	4	5760	**<0.035**	µg/m3	0.035	1	
Cadmium, Total	16:15	16:15	4	5760	**<0.035**	µg/m3	0.035	2.5	
Chromium, Total	16:15	16:15	4	5760	**<0.087**	µg/m3	0.087	500	
Copper, Total	16:15	16:15	4	5760	**<0.174**	µg/m3	0.174	500	
Lead, Total	16:15	16:15	4	5760	**<0.087**	µg/m3	0.087	30	
Manganese, Total	16:15	16:15	4	5760	**<0.130**	µg/m3	0.13	1000	
Nickel, Total	16:15	16:15	4	5760	**<0.174**	µg/m3	0.174	500	
Zinc, Total	16:15	16:15	4	5760	**<0.174**	µg/m3	0.174	2500	

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