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	3/11/2005
	New York, NY 10006	Date Analyzed	3/11/2005
Collected By	K. DaRocha	Job Location	130 Liberty Street
Collected	3/10/2005		
Rotometer	Standard		

Lab ID 010500846-0001 Matrix Air
Field ID M-031005-271
Location Washington Street/Albany Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:01	16:01	4	5760	**<0.8681**	µg/m3	0.8681	500	
Beryllium, Total	16:01	16:01	4	5760	**<0.0347**	µg/m3	0.0347	1	
Cadmium, Total	16:01	16:01	4	5760	**<0.0347**	µg/m3	0.0347	2.5	
Chromium, Total	16:01	16:01	4	5760	**<0.0868**	µg/m3	0.0868	500	
Copper, Total	16:01	16:01	4	5760	**<0.1736**	µg/m3	0.1736	500	
Lead, Total	16:01	16:01	4	5760	**<0.0868**	µg/m3	0.0868	30	
Manganese, Total	16:01	16:01	4	5760	**<0.1302**	µg/m3	0.1302	1000	
Nickel, Total	16:01	16:01	4	5760	**<0.1736**	µg/m3	0.1736	500	
Zinc, Total	16:01	16:01	4	5760	**<0.1736**	µg/m3	0.1736	2500	

Lab ID 010500846-0002 Matrix Air
Field ID M-031005-272
Location Albany Street/Greenwich Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:04	16:04	4	5760	**<0.8681**	µg/m3	0.8681	500	
Beryllium, Total	16:04	16:04	4	5760	**<0.0347**	µg/m3	0.0347	1	
Cadmium, Total	16:04	16:04	4	5760	**<0.0347**	µg/m3	0.0347	2.5	
Chromium, Total	16:04	16:04	4	5760	**<0.0868**	µg/m3	0.0868	500	
Copper, Total	16:04	16:04	4	5760	**<0.1736**	µg/m3	0.1736	500	
Lead, Total	16:04	16:04	4	5760	**<0.0868**	µg/m3	0.0868	30	
Manganese, Total	16:04	16:04	4	5760	**<0.1302**	µg/m3	0.1302	1000	
Nickel, Total	16:04	16:04	4	5760	**<0.1736**	µg/m3	0.1736	500	
Zinc, Total	16:04	16:04	4	5760	**<0.1736**	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	3/11/2005
	New York, NY 10006	Date Analyzed	3/11/2005
Collected By	K. DaRocha	Job Location	130 Liberty Street
Collected	3/10/2005		
Rotometer	Standard		

Lab ID 010500846-0003 Matrix Air
Field ID M-031005-273
Location Greenwich Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:07	16:07	4	5760	**<0.8681**	µg/m3	0.8681	500	
Beryllium, Total	16:07	16:07	4	5760	**<0.0347**	µg/m3	0.0347	1	
Cadmium, Total	16:07	16:07	4	5760	**<0.0347**	µg/m3	0.0347	2.5	
Chromium, Total	16:07	16:07	4	5760	**<0.0868**	µg/m3	0.0868	500	
Copper, Total	16:07	16:07	4	5760	**<0.1736**	µg/m3	0.1736	500	
Lead, Total	16:07	16:07	4	5760	**<0.0868**	µg/m3	0.0868	30	
Manganese, Total	16:07	16:07	4	5760	**<0.1302**	µg/m3	0.1302	1000	
Nickel, Total	16:07	16:07	4	5760	**<0.1736**	µg/m3	0.1736	500	
Zinc, Total	16:07	16:07	4	5760	**<0.1736**	µg/m3	0.1736	2500	

Lab ID 010500846-0004 Matrix Air
Field ID M-031005-274
Location Greenwich Street/Liberty Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:10	16:13	3.95	5700	**<0.8772**	µg/m3	0.8772	500	
Beryllium, Total	16:10	16:13	3.95	5700	**<0.0351**	µg/m3	0.0351	1	
Cadmium, Total	16:10	16:13	3.95	5700	**<0.0351**	µg/m3	0.0351	2.5	
Chromium, Total	16:10	16:13	3.95	5700	**<0.0877**	µg/m3	0.0877	500	
Copper, Total	16:10	16:13	3.95	5700	**<0.1754**	µg/m3	0.1754	500	
Lead, Total	16:10	16:13	3.95	5700	**<0.0877**	µg/m3	0.0877	30	
Manganese, Total	16:10	16:13	3.95	5700	**<0.1316**	µg/m3	0.1316	1000	
Nickel, Total	16:10	16:13	3.95	5700	**<0.1754**	µg/m3	0.1754	500	
Zinc, Total	16:10	16:13	3.95	5700	**<0.1754**	µg/m3	0.1754	2500	

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Address	One Liberty Plaza, 20th Floor	Date Received	3/11/2005
	New York, NY 10006	Date Analyzed	3/11/2005
Collected By	K. DaRocha	Job Location	130 Liberty Street
Collected	3/10/2005		
Rotometer	Standard		

Lab ID	010500846-0005	Matrix	Air
Field ID	M-031005-275		
Location	Washington Street/Cedar Street		

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:16	16:17	3.9	5620	**<0.8897**	µg/m3	0.8897	500	
Beryllium, Total	16:16	16:17	3.9	5620	**<0.0356**	µg/m3	0.0356	1	
Cadmium, Total	16:16	16:17	3.9	5620	**<0.0356**	µg/m3	0.0356	2.5	
Chromium, Total	16:16	16:17	3.9	5620	**<0.0890**	µg/m3	0.089	500	
Copper, Total	16:16	16:17	3.9	5620	**<0.1779**	µg/m3	0.1779	500	
Lead, Total	16:16	16:17	3.9	5620	**<0.0890**	µg/m3	0.089	30	
Manganese, Total	16:16	16:17	3.9	5620	**<0.1335**	µg/m3	0.1335	1000	
Nickel, Total	16:16	16:17	3.9	5620	**<0.1779**	µg/m3	0.1779	500	
Zinc, Total	16:16	16:17	3.9	5620	**<0.1779**	µg/m3	0.1779	2500	

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