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	02/06/05
	New York, NY 10006	Date Analyzed	02/06/05
Collected By	K. DaRocha	Job Location	130 Liberty Street
Collected	02/05/05		
Rotometer	Standard		

Lab ID 010500411-0001 Matrix Air
Field ID M-020505-073
Location Washington Street/Albany Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:01	16:02	4	5764	**<0.8675**	µg/m3	0.8675	500	
Beryllium, Total	16:01	16:02	4	5764	**<0.0347**	µg/m3	0.0347	1	
Cadmium, Total	16:01	16:02	4	5764	**<0.0347**	µg/m3	0.0347	2.5	
Chromium, Total	16:01	16:02	4	5764	**<0.0868**	µg/m3	0.0868	500	
Copper, Total	16:01	16:02	4	5764	**<0.1735**	µg/m3	0.1735	500	
Lead,Total	16:01	16:02	4	5764	**<0.0868**	µg/m3	0.0868	500	
Manganese, Total	16:01	16:02	4	5764	**<0.1301**	µg/m3	0.1301	30	
Nickel, Total	16:01	16:02	4	5764	**<0.1735**	µg/m3	0.1735	1000	
Zinc, Total	16:01	16:02	4	5764	**<0.1735**	µg/m3	0.1735	2500	

Lab ID 010500411-0002 Matrix Air
Field ID M-020505-074
Location Albany Street/Greenwich Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:04	16:05	4	5764	**<0.8675**	µg/m3	0.8675	500	
Beryllium, Total	16:04	16:05	4	5764	**<0.0347**	µg/m3	0.0347	1	
Cadmium, Total	16:04	16:05	4	5764	**<0.0347**	µg/m3	0.0347	2.5	
Chromium, Total	16:04	16:05	4	5764	**<0.0868**	µg/m3	0.0868	500	
Copper, Total	16:04	16:05	4	5764	**<0.1735**	µg/m3	0.1735	500	
Lead,Total	16:04	16:05	4	5764	**<0.0868**	µg/m3	0.0868	500	
Manganese, Total	16:04	16:05	4	5764	**<0.1301**	µg/m3	0.1301	30	
Nickel, Total	16:04	16:05	4	5764	**<0.1735**	µg/m3	0.1735	1000	
Zinc, Total	16:04	16:05	4	5764	**<0.1735**	µg/m3	0.1735	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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	New York, NY 10006	Date Analyzed	02/06/05
Collected By	K. DaRocha	Job Location	130 Liberty Street
Collected	02/05/05		
Rotometer	Standard		

Lab ID 010500411-0003 Matrix Air
Field ID M-020505-075
Location Greenwich Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:07	16:08	3.9	5619.9	**<0.8897**	µg/m3	0.8897	500	
Beryllium, Total	16:07	16:08	3.9	5619.9	**<0.0356**	µg/m3	0.0356	1	
Cadmium, Total	16:07	16:08	3.9	5619.9	**<0.0356**	µg/m3	0.0356	2.5	
Chromium, Total	16:07	16:08	3.9	5619.9	**<0.0890**	µg/m3	0.089	500	
Copper, Total	16:07	16:08	3.9	5619.9	**<0.1779**	µg/m3	0.1779	500	
Lead,Total	16:07	16:08	3.9	5619.9	**<0.0890**	µg/m3	0.089	500	
Manganese, Total	16:07	16:08	3.9	5619.9	**<0.1335**	µg/m3	0.1335	30	
Nickel, Total	16:07	16:08	3.9	5619.9	**<0.1779**	µg/m3	0.1779	1000	
Zinc, Total	16:07	16:08	3.9	5619.9	**<0.1779**	µg/m3	0.1779	2500	

Lab ID 010500411-0004 Matrix Air
Field ID M-020505-076
Location Greenwich Street/Liberty Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:10	16:11	4	5764	**<0.8675**	µg/m3	0.8675	500	
Beryllium, Total	16:10	16:11	4	5764	**<0.0347**	µg/m3	0.0347	1	
Cadmium, Total	16:10	16:11	4	5764	**<0.0347**	µg/m3	0.0347	2.5	
Chromium, Total	16:10	16:11	4	5764	**<0.0868**	µg/m3	0.0868	500	
Copper, Total	16:10	16:11	4	5764	**<0.1735**	µg/m3	0.1735	500	
Lead,Total	16:10	16:11	4	5764	**<0.0868**	µg/m3	0.0868	500	
Manganese, Total	16:10	16:11	4	5764	**<0.1301**	µg/m3	0.1301	30	
Nickel, Total	16:10	16:11	4	5764	**<0.1735**	µg/m3	0.1735	1000	
Zinc, Total	16:10	16:11	4	5764	**<0.1735**	µg/m3	0.1735	2500	

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	New York, NY 10006	Date Analyzed	02/06/05
Collected By	K. DaRocha	Job Location	130 Liberty Street
Collected	02/05/05		
Rotometer	Standard		

Lab ID	010500411-0005	Matrix	Air
Field ID	M-020505-077		
Location	Washington Street/Cedar Street		

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:13	16:15	3.95	5695.9	**<0.8778**	µg/m3	0.8778	500	
Beryllium, Total	16:13	16:15	3.95	5695.9	**<0.0351**	µg/m3	0.0351	1	
Cadmium, Total	16:13	16:15	3.95	5695.9	**<0.0351**	µg/m3	0.0351	2.5	
Chromium, Total	16:13	16:15	3.95	5695.9	**<0.0878**	µg/m3	0.0878	500	
Copper, Total	16:13	16:15	3.95	5695.9	**<0.1756**	µg/m3	0.1756	500	
Lead,Total	16:13	16:15	3.95	5695.9	**<0.0878**	µg/m3	0.0878	500	
Manganese, Total	16:13	16:15	3.95	5695.9	**<0.1317**	µg/m3	0.1317	30	
Nickel, Total	16:13	16:15	3.95	5695.9	**<0.1756**	µg/m3	0.1756	1000	
Zinc, Total	16:13	16:15	3.95	5695.9	**<0.1756**	µg/m3	0.1756	2500	

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