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	3/18/2005
	New York, NY 10006	Date Analyzed	3/18/2005
Collected By	K. DaRocha	Job Location	130 Liberty Street
Collected	3/17/2005		
Rotometer	Standard		

Lab ID 010500952-0001 Matrix Air
Field ID M-031705-313
Location Washington Street/Albany Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:01	16:01	3.95	5688	**<0.8790**	µg/m3	0.8790	500	
Beryllium, Total	16:01	16:01	3.95	5688	**<0.0352**	µg/m3	0.0352	1	
Cadmium, Total	16:01	16:01	3.95	5688	**<0.0352**	µg/m3	0.0352	2.5	
Chromium, Total	16:01	16:01	3.95	5688	**<0.0879**	µg/m3	0.0879	500	
Copper, Total	16:01	16:01	3.95	5688	**<0.1758**	µg/m3	0.1758	500	
Lead, Total	16:01	16:01	3.95	5688	**0.1347**	µg/m3	0.0879	30	
Manganese, Total	16:01	16:01	3.95	5688	**<0.1319**	µg/m3	0.1319	1000	
Nickel, Total	16:01	16:01	3.95	5688	**<0.1758**	µg/m3	0.1758	500	
Zinc, Total	16:01	16:01	3.95	5688	**<0.1758**	µg/m3	0.1758	2500	

Lab ID 010500952-0002 Matrix Air
Field ID M-031705-314
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	**0.1526**	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	3/18/2005
	New York, NY 10006	Date Analyzed	3/18/2005
Collected By	K. DaRocha	Job Location	130 Liberty Street
Collected	3/17/2005		
Rotometer	Standard		

Lab ID 010500952-0003 Matrix Air
Field ID M-031705-315
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 010500952-0004 Matrix Air
Field ID M-031705-316
Location Greenwich Street/Liberty Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:11	16:10	4	5756	**<0.8687**	µg/m3	0.8687	500	
Beryllium, Total	16:11	16:10	4	5756	**<0.0348**	µg/m3	0.0348	1	
Cadmium, Total	16:11	16:10	4	5756	**<0.0348**	µg/m3	0.0348	2.5	
Chromium, Total	16:11	16:10	4	5756	**<0.0869**	µg/m3	0.0869	500	
Copper, Total	16:11	16:10	4	5756	**<0.1737**	µg/m3	0.1737	500	
Lead, Total	16:11	16:10	4	5756	**<0.0869**	µg/m3	0.0869	30	
Manganese, Total	16:11	16:10	4	5756	**<0.1303**	µg/m3	0.1303	1000	
Nickel, Total	16:11	16:10	4	5756	**<0.1737**	µg/m3	0.1737	500	
Zinc, Total	16:11	16:10	4	5756	**<0.1737**	µg/m3	0.1737	2500	

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	New York, NY 10006	Date Analyzed	3/18/2005
Collected By	K. DaRocha	Job Location	130 Liberty Street
Collected	3/17/2005		
Rotometer	Standard		

Lab ID	010500952-0005	Matrix	Air
Field ID	M-031705-317		
Location	Washington Street/Cedar Street		

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:15	16:13	3.95	5680	**<0.8803**	µg/m3	0.8803	500	
Beryllium, Total	16:15	16:13	3.95	5680	**<0.0352**	µg/m3	0.0352	1	
Cadmium, Total	16:15	16:13	3.95	5680	**<0.0352**	µg/m3	0.0352	2.5	
Chromium, Total	16:15	16:13	3.95	5680	**<0.0880**	µg/m3	0.088	500	
Copper, Total	16:15	16:13	3.95	5680	**<0.1761**	µg/m3	0.1761	500	
Lead, Total	16:15	16:13	3.95	5680	**<0.0880**	µg/m3	0.088	30	
Manganese, Total	16:15	16:13	3.95	5680	**<0.1320**	µg/m3	0.132	1000	
Nickel, Total	16:15	16:13	3.95	5680	**<0.1761**	µg/m3	0.1761	500	
Zinc, Total	16:15	16:13	3.95	5680	**<0.1761**	µg/m3	0.1761	2500	

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