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	2/21/2005
	New York, NY 10006	Date Analyzed	2/21/2005
Collected By	K. DaRocha	Job Location	130 Liberty Street
Collected	2/20/2005		
Rotometer	Standard		

Lab ID 010500594-0001 Matrix Air
Field ID M-022005-163
Location Washington Street/Albany Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:02	16:01	4	5756	**<0.8687**	µg/m3	0.8687	500	
Beryllium, Total	16:02	16:01	4	5756	**<0.0348**	µg/m3	0.0348	1	
Cadmium, Total	16:02	16:01	4	5756	**<0.0348**	µg/m3	0.0348	2.5	
Chromium, Total	16:02	16:01	4	5756	**<0.0869**	µg/m3	0.0869	500	
Copper, Total	16:02	16:01	4	5756	**<0.1737**	µg/m3	0.1737	500	
Lead,Total	16:02	16:01	4	5756	**<0.0869**	µg/m3	0.0869	30	
Manganese, Total	16:02	16:01	4	5756	**<0.1303**	µg/m3	0.1303	1000	
Nickel, Total	16:02	16:01	4	5756	**<0.1737**	µg/m3	0.1737	500	
Zinc, Total	16:02	16:01	4	5756	**<0.1737**	µg/m3	0.1737	2500	

Lab ID 010500594-0002 Matrix Air
Field ID M-022005-164
Location Albany Street/Greenwich Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:05	16:04	3.95	5684.1	**<0.8796**	µg/m3	0.8796	500	
Beryllium, Total	16:05	16:04	3.95	5684.1	**<0.0352**	µg/m3	0.0352	1	
Cadmium, Total	16:05	16:04	3.95	5684.1	**<0.0352**	µg/m3	0.0352	2.5	
Chromium, Total	16:05	16:04	3.95	5684.1	**<0.0880**	µg/m3	0.088	500	
Copper, Total	16:05	16:04	3.95	5684.1	**<0.1759**	µg/m3	0.1759	500	
Lead,Total	16:05	16:04	3.95	5684.1	**<0.0880**	µg/m3	0.088	30	
Manganese, Total	16:05	16:04	3.95	5684.1	**<0.1319**	µg/m3	0.1319	1000	
Nickel, Total	16:05	16:04	3.95	5684.1	**<0.1759**	µg/m3	0.1759	500	
Zinc, Total	16:05	16:04	3.95	5684.1	**<0.1759**	µg/m3	0.1759	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	2/21/2005
Collected By	K. DaRocha	Job Location	130 Liberty Street
Collected	2/20/2005		
Rotometer	Standard		

Lab ID 010500594-0003 Matrix Air
Field ID M-022005-165
Location Greenwich Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:08	16:07	3.9	5612.1	**<0.8909**	µg/m3	0.8909	500	
Beryllium, Total	16:08	16:07	3.9	5612.1	**<0.0356**	µg/m3	0.0356	1	
Cadmium, Total	16:08	16:07	3.9	5612.1	**<0.0356**	µg/m3	0.0356	2.5	
Chromium, Total	16:08	16:07	3.9	5612.1	**<0.0891**	µg/m3	0.0891	500	
Copper, Total	16:08	16:07	3.9	5612.1	**<0.1782**	µg/m3	0.1782	500	
Lead,Total	16:08	16:07	3.9	5612.1	**<0.0891**	µg/m3	0.0891	30	
Manganese, Total	16:08	16:07	3.9	5612.1	**<0.1336**	µg/m3	0.1336	1000	
Nickel, Total	16:08	16:07	3.9	5612.1	**<0.1782**	µg/m3	0.1782	500	
Zinc, Total	16:08	16:07	3.9	5612.1	**<0.1782**	µg/m3	0.1782	2500	

Lab ID 010500594-0004 Matrix Air
Field ID M-022005-166
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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Address	One Liberty Plaza, 20th Floor	Date Received	2/21/2005
	New York, NY 10006	Date Analyzed	2/21/2005
Collected By	K. DaRocha	Job Location	130 Liberty Street
Collected	2/20/2005		
Rotometer	Standard		

Lab ID	010500594-0005	Matrix	Air
Field ID	M-022005-167		
Location	Washington Street/Cedar Street		

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:14	16:14	3.95	5688	**<0.8790**	µg/m3	0.8790	500	
Beryllium, Total	16:14	16:14	3.95	5688	**<0.0352**	µg/m3	0.0352	1	
Cadmium, Total	16:14	16:14	3.95	5688	**<0.0352**	µg/m3	0.0352	2.5	
Chromium, Total	16:14	16:14	3.95	5688	**<0.0879**	µg/m3	0.0879	500	
Copper, Total	16:14	16:14	3.95	5688	**<0.1758**	µg/m3	0.1758	500	
Lead,Total	16:14	16:14	3.95	5688	**<0.0879**	µg/m3	0.0879	30	
Manganese, Total	16:14	16:14	3.95	5688	**<0.1319**	µg/m3	0.1319	1000	
Nickel, Total	16:14	16:14	3.95	5688	**<0.1758**	µg/m3	0.1758	500	
Zinc, Total	16:14	16:14	3.95	5688	**<0.1758**	µg/m3	0.1758	2500	

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