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	2/20/2005
	New York, NY 10006	Date Analyzed	2/20/2005
Collected By	K. DaRocha	Job Location	130 Liberty Street
Collected	2/19/2005		
Rotometer	Standard		

Lab ID 010500573-0001 Matrix Air
Field ID M-021905-157
Location Washington Street/Albany Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:03	16:02	4	5756	**<0.8687**	µg/m3	0.8687	500	
Beryllium, Total	16:03	16:02	4	5756	**<0.0348**	µg/m3	0.0348	1	
Cadmium, Total	16:03	16:02	4	5756	**<0.0348**	µg/m3	0.0348	2.5	
Chromium, Total	16:03	16:02	4	5756	**<0.0869**	µg/m3	0.0869	500	
Copper, Total	16:03	16:02	4	5756	**<0.1737**	µg/m3	0.1737	500	
Lead,Total	16:03	16:02	4	5756	**<0.0869**	µg/m3	0.0869	30	
Manganese, Total	16:03	16:02	4	5756	**<0.1303**	µg/m3	0.1303	1000	
Nickel, Total	16:03	16:02	4	5756	**<0.1737**	µg/m3	0.1737	500	
Zinc, Total	16:03	16:02	4	5756	**<0.1737**	µg/m3	0.1737	2500	

Lab ID 010500573-0002 Matrix Air
Field ID M-021905-158
Location Albany Street/Greenwich Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:07	16:05	4	5752	**<0.8693**	µg/m3	0.8693	500	
Beryllium, Total	16:07	16:05	4	5752	**<0.0348**	µg/m3	0.0348	1	
Cadmium, Total	16:07	16:05	4	5752	**<0.0348**	µg/m3	0.0348	2.5	
Chromium, Total	16:07	16:05	4	5752	**<0.0869**	µg/m3	0.0869	500	
Copper, Total	16:07	16:05	4	5752	**<0.1739**	µg/m3	0.1739	500	
Lead,Total	16:07	16:05	4	5752	**<0.0869**	µg/m3	0.0869	30	
Manganese, Total	16:07	16:05	4	5752	**<0.1304**	µg/m3	0.1304	1000	
Nickel, Total	16:07	16:05	4	5752	**<0.1739**	µg/m3	0.1739	500	
Zinc, Total	16:07	16:05	4	5752	**<0.1739**	µg/m3	0.1739	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	2/20/2005
	New York, NY 10006	Date Analyzed	2/20/2005
Collected By	K. DaRocha	Job Location	130 Liberty Street
Collected	2/19/2005		
Rotometer	Standard		

Lab ID 010500573-0003 Matrix Air
Field ID M-021905-159
Location Greenwich Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:12	16:08	3.95	5672.2	**<0.8815**	µg/m3	0.8815	500	
Beryllium, Total	16:12	16:08	3.95	5672.2	**<0.0353**	µg/m3	0.0353	1	
Cadmium, Total	16:12	16:08	3.95	5672.2	**<0.0353**	µg/m3	0.0353	2.5	
Chromium, Total	16:12	16:08	3.95	5672.2	**<0.0882**	µg/m3	0.0882	500	
Copper, Total	16:12	16:08	3.95	5672.2	**<0.1763**	µg/m3	0.1763	500	
Lead,Total	16:12	16:08	3.95	5672.2	**<0.0882**	µg/m3	0.0882	30	
Manganese, Total	16:12	16:08	3.95	5672.2	**<0.1322**	µg/m3	0.1322	1000	
Nickel, Total	16:12	16:08	3.95	5672.2	**<0.1763**	µg/m3	0.1763	500	
Zinc, Total	16:12	16:08	3.95	5672.2	**<0.1763**	µg/m3	0.1763	2500	

Lab ID 010500573-0004 Matrix Air
Field ID M-021905-160
Location Greenwich Street/Liberty Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:16	16:11	4	5740	**<0.8711**	µg/m3	0.8711	500	
Beryllium, Total	16:16	16:11	4	5740	**<0.0348**	µg/m3	0.0348	1	
Cadmium, Total	16:16	16:11	4	5740	**<0.0348**	µg/m3	0.0348	2.5	
Chromium, Total	16:16	16:11	4	5740	**<0.0871**	µg/m3	0.0871	500	
Copper, Total	16:16	16:11	4	5740	**<0.1742**	µg/m3	0.1742	500	
Lead,Total	16:16	16:11	4	5740	**<0.0871**	µg/m3	0.0871	30	
Manganese, Total	16:16	16:11	4	5740	**<0.1307**	µg/m3	0.1307	1000	
Nickel, Total	16:16	16:11	4	5740	**<0.1742**	µg/m3	0.1742	500	
Zinc, Total	16:16	16:11	4	5740	**<0.1742**	µg/m3	0.1742	2500	

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	New York, NY 10006	Date Analyzed	2/20/2005
Collected By	K. DaRocha	Job Location	130 Liberty Street
Collected	2/19/2005		
Rotometer	Standard		

Lab ID	010500573-0005	Matrix	Air
Field ID	M-021905-161		
Location	Washington Street/Cedar Street		

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:21	16:14	3.95	5660	**<0.8833**	µg/m3	0.8833	500	
Beryllium, Total	16:21	16:14	3.95	5660	**<0.0353**	µg/m3	0.0353	1	
Cadmium, Total	16:21	16:14	3.95	5660	**<0.0353**	µg/m3	0.0353	2.5	
Chromium, Total	16:21	16:14	3.95	5660	**<0.0883**	µg/m3	0.0883	500	
Copper, Total	16:21	16:14	3.95	5660	**<0.1767**	µg/m3	0.1767	500	
Lead,Total	16:21	16:14	3.95	5660	**<0.0883**	µg/m3	0.0883	30	
Manganese, Total	16:21	16:14	3.95	5660	**<0.1325**	µg/m3	0.1325	1000	
Nickel, Total	16:21	16:14	3.95	5660	**<0.1767**	µg/m3	0.1767	500	
Zinc, Total	16:21	16:14	3.95	5660	**<0.1767**	µg/m3	0.1767	2500	

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