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	2/9/2005
	New York, NY 10006	Date Analyzed	2/9/2005
Collected By	K. DaRocha	Job Location	130 Liberty Street
Collected	2/8/2005		
Rotometer	Standard		

Lab ID 010500457-0001 Matrix Air
Field ID M-020805-091
Location Washington Street/Albany Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:02	16:03	4	5764	**<0.8675**	µg/m3	0.8675	500	
Beryllium, Total	16:02	16:03	4	5764	**<0.0347**	µg/m3	0.0347	1	
Cadmium, Total	16:02	16:03	4	5764	**<0.0347**	µg/m3	0.0347	2.5	
Chromium, Total	16:02	16:03	4	5764	**<0.0868**	µg/m3	0.0868	500	
Copper, Total	16:02	16:03	4	5764	**<0.1735**	µg/m3	0.1735	500	
Lead,Total	16:02	16:03	4	5764	**<0.0868**	µg/m3	0.0868	30	
Manganese, Total	16:02	16:03	4	5764	**<0.1301**	µg/m3	0.1301	1000	
Nickel, Total	16:02	16:03	4	5764	**<0.1735**	µg/m3	0.1735	500	
Zinc, Total	16:02	16:03	4	5764	**0.2605**	µg/m3	0.1735	2500	

Lab ID 010500457-0002 Matrix Air
Field ID M-020805-092
Location Albany Street/Greenwich Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:06	16:06	3.95	5688	**<0.8790**	µg/m3	0.8790	500	
Beryllium, Total	16:06	16:06	3.95	5688	**<0.0352**	µg/m3	0.0352	1	
Cadmium, Total	16:06	16:06	3.95	5688	**<0.0352**	µg/m3	0.0352	2.5	
Chromium, Total	16:06	16:06	3.95	5688	**<0.0879**	µg/m3	0.0879	500	
Copper, Total	16:06	16:06	3.95	5688	**<0.1758**	µg/m3	0.1758	500	
Lead,Total	16:06	16:06	3.95	5688	**0.5629**	µg/m3	0.0879	30	
Manganese, Total	16:06	16:06	3.95	5688	**<0.1319**	µg/m3	0.1319	1000	
Nickel, Total	16:06	16:06	3.95	5688	**<0.1758**	µg/m3	0.1758	500	
Zinc, Total	16:06	16:06	3.95	5688	**0.3088**	µg/m3	0.1758	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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LMDC Air Metals Profile

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Address	One Liberty Plaza, 20th Floor	Date Received	2/9/2005
	New York, NY 10006	Date Analyzed	2/9/2005
Collected By	K. DaRocha	Job Location	130 Liberty Street
Collected	2/8/2005		
Rotometer	Standard		

Lab ID 010500457-0003 Matrix Air
Field ID M-020805-093
Location Greenwich Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:08	16:10	4	5768	**<0.8669**	µg/m3	0.8669	500	
Beryllium, Total	16:08	16:10	4	5768	**<0.0347**	µg/m3	0.0347	1	
Cadmium, Total	16:08	16:10	4	5768	**<0.0347**	µg/m3	0.0347	2.5	
Chromium, Total	16:08	16:10	4	5768	**<0.0867**	µg/m3	0.0867	500	
Copper, Total	16:08	16:10	4	5768	**<0.1734**	µg/m3	0.1734	500	
Lead,Total	16:08	16:10	4	5768	**0.1086**	µg/m3	0.0867	30	
Manganese, Total	16:08	16:10	4	5768	**<0.1300**	µg/m3	0.13	1000	
Nickel, Total	16:08	16:10	4	5768	**<0.1734**	µg/m3	0.1734	500	
Zinc, Total	16:08	16:10	4	5768	**0.2175**	µg/m3	0.1734	2500	

Lab ID 010500457-0004 Matrix Air
Field ID M-020805-094
Location Greenwich Street/Liberty Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:12	16:13	3.95	5692	**<0.8784**	µg/m3	0.8784	500	
Beryllium, Total	16:12	16:13	3.95	5692	**<0.0351**	µg/m3	0.0351	1	
Cadmium, Total	16:12	16:13	3.95	5692	**<0.0351**	µg/m3	0.0351	2.5	
Chromium, Total	16:12	16:13	3.95	5692	**<0.0878**	µg/m3	0.0878	500	
Copper, Total	16:12	16:13	3.95	5692	**<0.1757**	µg/m3	0.1757	500	
Lead,Total	16:12	16:13	3.95	5692	**<0.0878**	µg/m3	0.0878	30	
Manganese, Total	16:12	16:13	3.95	5692	**<0.1318**	µg/m3	0.1318	1000	
Nickel, Total	16:12	16:13	3.95	5692	**<0.1757**	µg/m3	0.1757	500	
Zinc, Total	16:12	16:13	3.95	5692	**0.1929**	µg/m3	0.1757	2500	

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Address	One Liberty Plaza, 20th Floor	Date Received	2/9/2005
	New York, NY 10006	Date Analyzed	2/9/2005
Collected By	K. DaRocha	Job Location	130 Liberty Street
Collected	2/8/2005		
Rotometer	Standard		

Lab ID	010500457-0005	Matrix	Air
Field ID	M-020805-095		
Location	Washington Street/Cedar Street		

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:16	16:16	3.95	5688	**<0.8790**	µg/m3	0.8790	500	
Beryllium, Total	16:16	16:16	3.95	5688	**<0.0352**	µg/m3	0.0352	1	
Cadmium, Total	16:16	16:16	3.95	5688	**<0.0352**	µg/m3	0.0352	2.5	
Chromium, Total	16:16	16:16	3.95	5688	**<0.0879**	µg/m3	0.0879	500	
Copper, Total	16:16	16:16	3.95	5688	**<0.1758**	µg/m3	0.1758	500	
Lead,Total	16:16	16:16	3.95	5688	**<0.0879**	µg/m3	0.0879	30	
Manganese, Total	16:16	16:16	3.95	5688	**<0.1319**	µg/m3	0.1319	1000	
Nickel, Total	16:16	16:16	3.95	5688	**<0.1758**	µg/m3	0.1758	500	
Zinc, Total	16:16	16:16	3.95	5688	**0.232**	µg/m3	0.1758	2500	

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