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	02/03/05
	New York, NY 10006	Date Analyzed	02/03/05
Collected By	K. DaRocha	Job Location	130 Liberty Street
Collected	2/2/2005		
Rotometer	Standard		

Lab ID 010500382-0001 Matrix Air
Field ID M-020205-055
Location Washington Street/Albany Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:01	16:03	4	5768	**<0.8669**	µg/m3	0.8669	500	
Beryllium, Total	16:01	16:03	4	5768	**<0.0347**	µg/m3	0.0347	1	
Cadmium, Total	16:01	16:03	4	5768	**<0.0347**	µg/m3	0.0347	2.5	
Chromium, Total	16:01	16:03	4	5768	**<0.0867**	µg/m3	0.0867	500	
Copper, Total	16:01	16:03	4	5768	**<0.1734**	µg/m3	0.1734	500	
Lead,Total	16:01	16:03	4	5768	**<0.0867**	µg/m3	0.0867	500	
Manganese, Total	16:01	16:03	4	5768	**<0.1300**	µg/m3	0.13	30	
Nickel, Total	16:01	16:03	4	5768	**<0.1734**	µg/m3	0.1734	1000	
Zinc, Total	16:01	16:03	4	5768	**<0.1734**	µg/m3	0.1734	2500	

Lab ID 010500382-0002 Matrix Air
Field ID M-020205-056
Location Albany Street/Greenwich Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:04	16:06	4	5768	**<0.8669**	µg/m3	0.8669	500	
Beryllium, Total	16:04	16:06	4	5768	**<0.0347**	µg/m3	0.0347	1	
Cadmium, Total	16:04	16:06	4	5768	**<0.0347**	µg/m3	0.0347	2.5	
Chromium, Total	16:04	16:06	4	5768	**<0.0867**	µg/m3	0.0867	500	
Copper, Total	16:04	16:06	4	5768	**<0.1734**	µg/m3	0.1734	500	
Lead,Total	16:04	16:06	4	5768	**<0.0867**	µg/m3	0.0867	500	
Manganese, Total	16:04	16:06	4	5768	**<0.1300**	µg/m3	0.13	30	
Nickel, Total	16:04	16:06	4	5768	**<0.1734**	µg/m3	0.1734	1000	
Zinc, Total	16:04	16:06	4	5768	**<0.1734**	µg/m3	0.1734	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	02/03/05
	New York, NY 10006	Date Analyzed	02/03/05
Collected By	K. DaRocha	Job Location	130 Liberty Street
Collected	2/2/2005		
Rotometer	Standard		

Lab ID 010500382-0003 Matrix Air
Field ID M-020205-057
Location Greenwich Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:07	16:09	3.95	5696	**<0.8778**	µg/m3	0.8778	500	
Beryllium, Total	16:07	16:09	3.95	5696	**<0.0351**	µg/m3	0.0351	1	
Cadmium, Total	16:07	16:09	3.95	5696	**<0.0351**	µg/m3	0.0351	2.5	
Chromium, Total	16:07	16:09	3.95	5696	**<0.0878**	µg/m3	0.0878	500	
Copper, Total	16:07	16:09	3.95	5696	**0.8667**	µg/m3	0.1756	500	
Lead,Total	16:07	16:09	3.95	5696	**0.1339**	µg/m3	0.0878	500	
Manganese, Total	16:07	16:09	3.95	5696	**<0.1317**	µg/m3	0.1317	30	
Nickel, Total	16:07	16:09	3.95	5696	**<0.1756**	µg/m3	0.1756	1000	
Zinc, Total	16:07	16:09	3.95	5696	**0.4791**	µg/m3	0.1756	2500	

Lab ID 010500382-0004 Matrix Air
Field ID M-020205-058
Location Greenwich Street/Liberty Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:12	16:12	4	5760	**<0.8681**	µg/m3	0.8681	500	
Beryllium, Total	16:12	16:12	4	5760	**<0.0347**	µg/m3	0.0347	1	
Cadmium, Total	16:12	16:12	4	5760	**<0.0347**	µg/m3	0.0347	2.5	
Chromium, Total	16:12	16:12	4	5760	**<0.0868**	µg/m3	0.0868	500	
Copper, Total	16:12	16:12	4	5760	**1.448**	µg/m3	0.1736	500	
Lead,Total	16:12	16:12	4	5760	**0.1205**	µg/m3	0.0868	500	
Manganese, Total	16:12	16:12	4	5760	**<0.1302**	µg/m3	0.1302	30	
Nickel, Total	16:12	16:12	4	5760	**<0.1736**	µg/m3	0.1736	1000	
Zinc, Total	16:12	16:12	4	5760	**0.7603**	µg/m3	0.1736	2500	

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Address	One Liberty Plaza, 20th Floor	Date Received	02/03/05
	New York, NY 10006	Date Analyzed	02/03/05
Collected By	K. DaRocha	Job Location	130 Liberty Street
Collected	2/2/2005		
Rotometer	Standard		

Lab ID	010500382-0005	Matrix	Air
Field ID	M-020205-059		
Location	Washington Street/Cedar Street		

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:14	16:16	3.95	5696	**<0.8778**	µg/m3	0.8778	500	
Beryllium, Total	16:14	16:16	3.95	5696	**<0.0351**	µg/m3	0.0351	1	
Cadmium, Total	16:14	16:16	3.95	5696	**<0.0351**	µg/m3	0.0351	2.5	
Chromium, Total	16:14	16:16	3.95	5696	**<0.0878**	µg/m3	0.0878	500	
Copper, Total	16:14	16:16	3.95	5696	**<0.1756**	µg/m3	0.1756	500	
Lead,Total	16:14	16:16	3.95	5696	**<0.0878**	µg/m3	0.0878	500	
Manganese, Total	16:14	16:16	3.95	5696	**<0.1317**	µg/m3	0.1317	30	
Nickel, Total	16:14	16:16	3.95	5696	**<0.1756**	µg/m3	0.1756	1000	
Zinc, Total	16:14	16:16	3.95	5696	**<0.1756**	µg/m3	0.1756	2500	

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