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	01/26/2005
	New York, NY 10006	Date Analyzed	01/26/2005
Collected By	N. Agahan	Job Location	130 Liberty Street
Collected	01/25/2005		
Rotometer	Standard		

Lab ID 010500272-0001 Matrix Air
Field ID M-012505-01
Location Washington Street/Albany Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	00:10	15:40	4	3720	**<1.344**	µg/m^3	1.3440	500	
Beryllium, Total	00:10	15:40	4	3720	**<0.0538**	µg/m^3	0.0538	1	
Cadmium, Total	00:10	15:40	4	3720	**<0.0538**	µg/m^3	0.0538	2.5	
Chromium, Total	00:10	15:40	4	3720	**<0.1344**	µg/m^3	0.1344	500	
Copper, Total	00:10	15:40	4	3720	**<0.2688**	µg/m^3	0.2688	500	
Lead,Total	00:10	15:40	4	3720	**<0.1344**	µg/m^3	0.1344	500	
Manganese, Total	00:10	15:40	4	3720	**<0.2016**	µg/m^3	0.2016	30	
Nickel, Total	00:10	15:40	4	3720	**<0.2688**	µg/m^3	0.2688	1000	
Zinc, Total	00:10	15:40	4	3720	**<0.2688**	µg/m^3	0.2688	2500	

Lab ID 010500272-0002 Matrix Air
Field ID M-012505-02
Location Albany Street/Greenwich Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	00:10	15:41	4	3724	**<1.343**	µg/m^3	1.3430	500	
Beryllium, Total	00:10	15:41	4	3724	**<0.0537**	µg/m^3	0.0537	1	
Cadmium, Total	00:10	15:41	4	3724	**<0.0537**	µg/m^3	0.0537	2.5	
Chromium, Total	00:10	15:41	4	3724	**<0.1343**	µg/m^3	0.1343	500	
Copper, Total	00:10	15:41	4	3724	**<0.2685**	µg/m^3	0.2685	500	
Lead,Total	00:10	15:41	4	3724	**<0.1343**	µg/m^3	0.1343	500	
Manganese, Total	00:10	15:41	4	3724	**<0.2014**	µg/m^3	0.2014	30	
Nickel, Total	00:10	15:41	4	3724	**<0.2685**	µg/m^3	0.2685	1000	
Zinc, Total	00:10	15:41	4	3724	**<0.2685**	µg/m^3	0.2685	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	01/26/2005
	New York, NY 10006	Date Analyzed	01/26/2005
Collected By	N. Agahan	Job Location	130 Liberty Street
Collected	01/25/2005		
Rotometer	Standard		

Lab ID 010500272-0003 Matrix Air
Field ID M-012505-03
Location Greenwich Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	00:21	15:43	4	3688	**<1.356**	µg/m^3	1.3560	500	
Beryllium, Total	00:21	15:43	4	3688	**<0.0542**	µg/m^3	0.0542	1	
Cadmium, Total	00:21	15:43	4	3688	**<0.0542**	µg/m^3	0.0542	2.5	
Chromium, Total	00:21	15:43	4	3688	**<0.1356**	µg/m^3	0.1356	500	
Copper, Total	00:21	15:43	4	3688	**<0.2711**	µg/m^3	0.2711	500	
Lead,Total	00:21	15:43	4	3688	**<0.1356**	µg/m^3	0.1356	500	
Manganese, Total	00:21	15:43	4	3688	**<0.2034**	µg/m^3	0.2034	30	
Nickel, Total	00:21	15:43	4	3688	**<0.2711**	µg/m^3	0.2711	1000	
Zinc, Total	00:21	15:43	4	3688	**<0.2711**	µg/m^3	0.2711	2500	

Lab ID 010500272-0004 Matrix Air
Field ID M-012505-04
Location Greenwich Street/Liberty Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	00:41	15:45	4	3616	**<1.383**	µg/m^3	1.3830	500	
Beryllium, Total	00:41	15:45	4	3616	**<0.0553**	µg/m^3	0.0553	1	
Cadmium, Total	00:41	15:45	4	3616	**<0.0553**	µg/m^3	0.0553	2.5	
Chromium, Total	00:41	15:45	4	3616	**<0.1383**	µg/m^3	0.1383	500	
Copper, Total	00:41	15:45	4	3616	**<0.2765**	µg/m^3	0.2765	500	
Lead,Total	00:41	15:45	4	3616	**<0.1383**	µg/m^3	0.1383	500	
Manganese, Total	00:41	15:45	4	3616	**<0.2074**	µg/m^3	0.2074	30	
Nickel, Total	00:41	15:45	4	3616	**<0.2765**	µg/m^3	0.2765	1000	
Zinc, Total	00:41	15:45	4	3616	**<0.2765**	µg/m^3	0.2765	2500	

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	New York, NY 10006	Date Analyzed	01/26/2005
Collected By	N. Agahan	Job Location	130 Liberty Street
Collected	01/25/2005		
Rotometer	Standard		

Lab ID 010500272-0005 Matrix Air
Field ID M-012505-05
Location Washington Street/Cedar Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	00:51	15:51	4	3600	**<1.389**	µg/m^3	1.3890	500	
Beryllium, Total	00:51	15:51	4	3600	**<0.0556**	µg/m^3	0.0556	1	
Cadmium, Total	00:51	15:51	4	3600	**<0.0556**	µg/m^3	0.0556	2.5	
Chromium, Total	00:51	15:51	4	3600	**<0.1389**	µg/m^3	0.1389	500	
Copper, Total	00:51	15:51	4	3600	**<0.2778**	µg/m^3	0.2778	500	
Lead,Total	00:51	15:51	4	3600	**<0.1389**	µg/m^3	0.1389	500	
Manganese, Total	00:51	15:51	4	3600	**<0.2083**	µg/m^3	0.2083	30	
Nickel, Total	00:51	15:51	4	3600	**<0.2778**	µg/m^3	0.2778	1000	
Zinc, Total	00:51	15:51	4	3600	**<0.2778**	µg/m^3	0.2778	2500	

Lab ID 010500272-0006 Matrix Air
Field ID M-012505-06
Location Blank

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total			0	0	**<5.000**	µg	5	500	
Beryllium, Total			0	0	**<0.2000**	µg	0.2	1	
Cadmium, Total			0	0	**<0.2000**	µg	0.2	2.5	
Chromium, Total			0	0	**<0.5000**	µg	0.5	500	
Copper, Total			0	0	**<1.000**	µg	1	500	
Lead,Total			0	0	**<0.5000**	µg	0.5	500	
Manganese, Total			0	0	**<0.7500**	µg	0.75	30	
Nickel, Total			0	0	**<1.000**	µg	1	1000	
Zinc, Total			0	0	**<1.000**	µg	1	2500	

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