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	01/30/2005
	New York, NY 10006	Date Analyzed	01/30/2005
Collected By	N. Agahan	Job Location	130 Liberty Street
Collected	01/29/2005		
Rotometer	Standard		

Lab ID 010500333-0001 Matrix Air
Field ID M-012905-031
Location Washington Street/Albany Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	15:59	15:59	4	5760	**<0.8681**	µg/m3	0.8681	500	
Beryllium, Total	15:59	15:59	4	5760	**<0.0347**	µg/m3	0.0347	1	
Cadmium, Total	15:59	15:59	4	5760	**<0.0347**	µg/m3	0.0347	2.5	
Chromium, Total	15:59	15:59	4	5760	**<0.0868**	µg/m3	0.0868	500	
Copper, Total	15:59	15:59	4	5760	**<0.1736**	µg/m3	0.1736	500	
Lead,Total	15:59	15:59	4	5760	**<0.0868**	µg/m3	0.0868	500	
Manganese, Total	15:59	15:59	4	5760	**<0.1302**	µg/m3	0.1302	30	
Nickel, Total	15:59	15:59	4	5760	**<0.1736**	µg/m3	0.1736	1000	
Zinc, Total	15:59	15:59	4	5760	**<0.1736**	µg/m3	0.1736	2500	

Lab ID 010500333-0002 Matrix Air
Field ID M-012905-032
Location Albany Street/Greenwich Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:00	16:02	4	5768	**<0.8669**	µg/m3	0.8669	500	
Beryllium, Total	16:00	16:02	4	5768	**<0.0347**	µg/m3	0.0347	1	
Cadmium, Total	16:00	16:02	4	5768	**<0.0347**	µg/m3	0.0347	2.5	
Chromium, Total	16:00	16:02	4	5768	**<0.0867**	µg/m3	0.0867	500	
Copper, Total	16:00	16:02	4	5768	**<0.1734**	µg/m3	0.1734	500	
Lead,Total	16:00	16:02	4	5768	**<0.0867**	µg/m3	0.0867	500	
Manganese, Total	16:00	16:02	4	5768	**<0.1300**	µg/m3	0.13	30	
Nickel, Total	16:00	16:02	4	5768	**<0.1734**	µg/m3	0.1734	1000	
Zinc, Total	16:00	16:02	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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	New York, NY 10006	Date Analyzed	01/30/2005
Collected By	N. Agahan	Job Location	130 Liberty Street
Collected	01/29/2005		
Rotometer	Standard		

Lab ID 010500333-0003 Matrix Air
Field ID M-012905-033
Location Greenwich Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:02	16:05	4	5772	**<0.8663**	µg/m3	0.8663	500	
Beryllium, Total	16:02	16:05	4	5772	**<0.0347**	µg/m3	0.0347	1	
Cadmium, Total	16:02	16:05	4	5772	**<0.0347**	µg/m3	0.0347	2.5	
Chromium, Total	16:02	16:05	4	5772	**<0.0866**	µg/m3	0.0866	500	
Copper, Total	16:02	16:05	4	5772	**<0.1733**	µg/m3	0.1733	500	
Lead,Total	16:02	16:05	4	5772	**<0.0866**	µg/m3	0.0866	500	
Manganese, Total	16:02	16:05	4	5772	**<0.1299**	µg/m3	0.1299	30	
Nickel, Total	16:02	16:05	4	5772	**<0.1733**	µg/m3	0.1733	1000	
Zinc, Total	16:02	16:05	4	5772	**<0.1733**	µg/m3	0.1733	2500	

Lab ID 010500333-0004 Matrix Air
Field ID M-012905-034
Location Greenwich Street/Liberty Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:05	16:07	4	5768	**<0.8669**	µg/m3	0.8669	500	
Beryllium, Total	16:05	16:07	4	5768	**<0.0347**	µg/m3	0.0347	1	
Cadmium, Total	16:05	16:07	4	5768	**<0.0347**	µg/m3	0.0347	2.5	
Chromium, Total	16:05	16:07	4	5768	**<0.0867**	µg/m3	0.0867	500	
Copper, Total	16:05	16:07	4	5768	**<0.1734**	µg/m3	0.1734	500	
Lead,Total	16:05	16:07	4	5768	**<0.0867**	µg/m3	0.0867	500	
Manganese, Total	16:05	16:07	4	5768	**<0.1300**	µg/m3	0.13	30	
Nickel, Total	16:05	16:07	4	5768	**<0.1734**	µg/m3	0.1734	1000	
Zinc, Total	16:05	16:07	4	5768	**<0.1734**	µg/m3	0.1734	2500	

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	New York, NY 10006	Date Analyzed	01/30/2005
Collected By	N. Agahan	Job Location	130 Liberty Street
Collected	01/29/2005		
Rotometer	Standard		

Lab ID 010500333-0005 Matrix Air
Field ID M-012905-035
Location Washington Street/Cedar 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	500	
Manganese, Total	16:11	16:10	4	5756	**<0.1303**	µg/m3	0.1303	30	
Nickel, Total	16:11	16:10	4	5756	**<0.1737**	µg/m3	0.1737	1000	
Zinc, Total	16:11	16:10	4	5756	**<0.1737**	µg/m3	0.1737	2500	

Lab ID 010500333-0006 Matrix Air
Field ID M-012905-036
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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