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	8/23/2005
	New York, NY 10006	Date Analyzed	8/23/2005
Collected By	D. Katehis	Job Location	130 Liberty Street
Collected	8/22/2005		
Rotometer	Standard		

Lab ID 010503262-0001 Matrix Air
Field ID M-082205-1261
Location Washington Street/Albany Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:01	16:01	3.95	5688	**<0.88**	µg/m3	0.88	500	
Beryllium, Total	16:01	16:01	3.95	5688	**<0.035**	µg/m3	0.035	1	
Cadmium, Total	16:01	16:01	3.95	5688	**<0.035**	µg/m3	0.035	2.5	
Chromium, Total	16:01	16:01	3.95	5688	**<0.088**	µg/m3	0.088	500	
Copper, Total	16:01	16:01	3.95	5688	**<0.18**	µg/m3	0.18	500	
Lead, Total	16:01	16:01	3.95	5688	**<0.088**	µg/m3	0.088	30	
Manganese, Total	16:01	16:01	3.95	5688	**<0.13**	µg/m3	0.13	1000	
Nickel, Total	16:01	16:01	3.95	5688	**<0.18**	µg/m3	0.18	500	
Zinc, Total	16:01	16:01	3.95	5688	**<0.18**	µg/m3	0.18	2500	

Lab ID 010503262-0002 Matrix Air
Field ID M-082205-1262
Location Albany Street/Greenwich Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:04	16:04	3.95	5688	**<0.88**	µg/m3	0.88	500	
Beryllium, Total	16:04	16:04	3.95	5688	**<0.035**	µg/m3	0.035	1	
Cadmium, Total	16:04	16:04	3.95	5688	**<0.035**	µg/m3	0.035	2.5	
Chromium, Total	16:04	16:04	3.95	5688	**<0.088**	µg/m3	0.088	500	
Copper, Total	16:04	16:04	3.95	5688	**<0.18**	µg/m3	0.18	500	
Lead, Total	16:04	16:04	3.95	5688	**<0.088**	µg/m3	0.088	30	
Manganese, Total	16:04	16:04	3.95	5688	**<0.13**	µg/m3	0.13	1000	
Nickel, Total	16:04	16:04	3.95	5688	**<0.18**	µg/m3	0.18	500	
Zinc, Total	16:04	16:04	3.95	5688	**<0.18**	µg/m3	0.18	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	8/23/2005
Collected By	D. Katehis	Job Location	130 Liberty Street
Collected	8/22/2005		
Rotometer	Standard		

Lab ID 010503262-0003 Matrix Air
Field ID M-082205-1263
Location Greenwich Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:07	16:07	4	5760	**<0.87**	µg/m3	0.87	500	
Beryllium, Total	16:07	16:07	4	5760	**<0.035**	µg/m3	0.035	1	
Cadmium, Total	16:07	16:07	4	5760	**<0.035**	µg/m3	0.035	2.5	
Chromium, Total	16:07	16:07	4	5760	**<0.087**	µg/m3	0.087	500	
Copper, Total	16:07	16:07	4	5760	**<0.17**	µg/m3	0.17	500	
Lead, Total	16:07	16:07	4	5760	**<0.087**	µg/m3	0.087	30	
Manganese, Total	16:07	16:07	4	5760	**<0.13**	µg/m3	0.13	1000	
Nickel, Total	16:07	16:07	4	5760	**<0.17**	µg/m3	0.17	500	
Zinc, Total	16:07	16:07	4	5760	**<0.17**	µg/m3	0.17	2500	

Lab ID 010503262-0004 Matrix Air
Field ID M-082205-1264
Location Greenwich Street/Liberty Street

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:10	16:10	4	5760	**<0.87**	µg/m3	0.87	500	
Beryllium, Total	16:10	16:10	4	5760	**<0.035**	µg/m3	0.035	1	
Cadmium, Total	16:10	16:10	4	5760	**<0.035**	µg/m3	0.035	2.5	
Chromium, Total	16:10	16:10	4	5760	**<0.087**	µg/m3	0.087	500	
Copper, Total	16:10	16:10	4	5760	**<0.17**	µg/m3	0.17	500	
Lead, Total	16:10	16:10	4	5760	**<0.087**	µg/m3	0.087	30	
Manganese, Total	16:10	16:10	4	5760	**<0.13**	µg/m3	0.13	1000	
Nickel, Total	16:10	16:10	4	5760	**<0.17**	µg/m3	0.17	500	
Zinc, Total	16:10	16:10	4	5760	**<0.17**	µg/m3	0.17	2500	

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Samples analyzed by EMSL Analytical, Inc.; NY ELAP ID# 10872 and 11506

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Address	One Liberty Plaza, 20th Floor	Date Received	8/23/2005
	New York, NY 10006	Date Analyzed	8/23/2005
Collected By	D. Katehis	Job Location	130 Liberty Street
Collected	8/22/2005		
Rotometer	Standard		

Lab ID	010503262-0005	Matrix	Air
Field ID	M-082205-1265		
Location	Washington Street/Cedar Street		

Parameter	Start	End	Flow	Volume	Result	Units	MDL	MCL	Flag
Barium, Total	16:13	16:13	3.95	5688	**<0.88**	µg/m3	0.88	500	
Beryllium, Total	16:13	16:13	3.95	5688	**<0.035**	µg/m3	0.035	1	
Cadmium, Total	16:13	16:13	3.95	5688	**<0.035**	µg/m3	0.035	2.5	
Chromium, Total	16:13	16:13	3.95	5688	**<0.088**	µg/m3	0.088	500	
Copper, Total	16:13	16:13	3.95	5688	**<0.18**	µg/m3	0.18	500	
Lead, Total	16:13	16:13	3.95	5688	**<0.088**	µg/m3	0.088	30	
Manganese, Total	16:13	16:13	3.95	5688	**<0.13**	µg/m3	0.13	1000	
Nickel, Total	16:13	16:13	3.95	5688	**<0.18**	µg/m3	0.18	500	
Zinc, Total	16:13	16:13	3.95	5688	**<0.18**	µg/m3	0.18	2500	

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