



# AMBIENT GROUP, INC.

10 Morris Avenue, Glen Cove, NY 11542  
Phone: (516) 671-2370 - Fax: (516) 609-8271  
NY ELAP ID#10865

## LMDC Air Metals Profile

Client: Lower Manhattan Development Corp.  
Address: One Liberty Plaza, 20th Floor  
New York, NY 10006

Job Number: 2043  
Date Received: 01/18/2005  
Date Analyzed: 01/18/2005  
Job Location: 130 Liberty Street  
Zn in Blank

Collected By: Rotimi Adeola  
Collected: 01/14/2005 6:11

Lab ID: 0013916-001  
Field ID: 26303-7  
Location: Washington Street/

Matrix: AIR

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium	6:11	6:17	4	5784	<0.026	µg/m3	0.026	500	
Beryllium	6:11	6:17	4	5784	<0.017	µg/m3	0.017	1.0	
Cadmium	6:11	6:17	4	5784	<0.017	µg/m3	0.017	2.5	
Chromium	6:11	6:17	4	5784	<0.104	µg/m3	0.104	500	
Copper	6:11	6:17	4	5784	<0.174	µg/m3	0.175	500	
Lead	6:11	6:17	4	5784	<0.026	µg/m3	0.026	30	
Manganese	6:11	6:17	4	5784	<0.017	µg/m3	0.017	1000	
Nickel	6:11	6:17	4	5784	<0.061	µg/m3	0.061	500	
Zinc	6:11	6:17	4	5784	0.069	µg/m3	0.069	2500	

Lab ID: 0013916-002  
Field ID: 26303-8  
Location: Albany Street/

Matrix: AIR

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium	6:23	6:24	5.5	7925.5	<0.019	µg/m3	0.026	500	
Beryllium	6:23	6:24	5.5	7925.5	<0.013	µg/m3	0.017	1.0	
Cadmium	6:23	6:24	5.5	7925.5	<0.013	µg/m3	0.017	2.5	
Chromium	6:23	6:24	5.5	7925.5	<0.076	µg/m3	0.103	500	
Copper	6:23	6:24	5.5	7925.5	<0.126	µg/m3	0.175	500	
Lead	6:23	6:24	5.5	7925.5	<0.013	µg/m3	0.017	30	
Manganese	6:23	6:24	5.5	7925.5	<0.019	µg/m3	0.026	1000	
Nickel	6:23	6:24	5.5	7925.5	<0.044	µg/m3	0.060	500	
Zinc	6:23	6:24	5.5	7925.5	<0.050	µg/m3	0.069	2500	



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Client: Lower Manhattan Development Corp.  
Address: One Liberty Plaza, 20th Floor  
New York, NY 10006

Job Number: 2043  
Date Received: 01/18/2005  
Date Analyzed: 01/18/2005  
Job Location: 130 Liberty Street  
Zn in Blank

Collected By: Rotimi Adeola  
Collected: 01/14/2005 6:31

Lab ID: 0013916-003  
Field ID: 26303-9  
Location: Greenwich Street

Matrix: AIR

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium	6:31	6:32	4	5764	<b>0.043</b>	µg/m3	0.026	500	
Beryllium	6:31	6:32	4	5764	<b>&lt;0.017</b>	µg/m3	0.017	1.0	
Cadmium	6:31	6:32	4	5764	<b>&lt;0.017</b>	µg/m3	0.017	2.5	
Chromium	6:31	6:32	4	5764	<b>&lt;0.105</b>	µg/m3	0.105	500	
Copper	6:31	6:32	4	5764	<b>&lt;0.175</b>	µg/m3	0.175	500	
Lead	6:31	6:32	4	5764	<b>0.023</b>	µg/m3	0.017	30	
Manganese	6:31	6:32	4	5764	<b>&lt;0.026</b>	µg/m3	0.026	1000	
Nickel	6:31	6:32	4	5764	<b>&lt;0.061</b>	µg/m3	0.061	500	
Zinc	6:31	6:32	4	5764	<b>0.069</b>	µg/m3	0.069	2500	

Lab ID: 0013916-004  
Field ID: 26303-10  
Location: Liberty Street

Matrix: AIR

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium	6:41	6:39	4	5752	<b>&lt;0.026</b>	µg/m3	0.026	500	
Beryllium	6:41	6:39	4	5752	<b>&lt;0.017</b>	µg/m3	0.017	1.0	
Cadmium	6:41	6:39	4	5752	<b>&lt;0.017</b>	µg/m3	0.017	2.5	
Chromium	6:41	6:39	4	5752	<b>&lt;0.103</b>	µg/m3	0.103	500	
Copper	6:41	6:39	4	5752	<b>&lt;0.175</b>	µg/m3	0.175	500	
Lead	6:41	6:39	4	5752	<b>0.031</b>	µg/m3	0.017	30	
Manganese	6:41	6:39	4	5752	<b>&lt;0.026</b>	µg/m3	0.026	1000	
Nickel	6:41	6:39	4	5752	<b>&lt;0.060</b>	µg/m3	0.060	500	
Zinc	6:41	6:39	4	5752	<b>&lt;0.069</b>	µg/m3	0.069	2500	



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## LMDC Air Metals Profile

Client: Lower Manhattan Development Corp. Job Number: 2043  
Address: One Liberty Plaza, 20th Floor Date Received: 01/18/2005  
New York, NY 10006 Date Analyzed: 01/18/2005  
Collected By: Rotimi Adeola Job Location: 130 Liberty Street  
Collected: 01/14/2005 6:50 Zn in Blank

Lab ID: 0013916-005 Matrix: AIR  
Field ID: 26303-11  
Location: Washington Street/

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium	6:50	6:46	4	5744	<0.026	µg/m3	0.026	500	
Beryllium	6:50	6:46	4	5744	<0.017	µg/m3	0.017	1.0	
Cadmium	6:50	6:46	4	5744	<0.017	µg/m3	0.017	2.5	
Chromium	6:50	6:46	4	5744	<0.105	µg/m3	0.105	500	
Copper	6:50	6:46	4	5744	<0.175	µg/m3	0.175	500	
Lead	6:50	6:46	4	5744	0.017	µg/m3	0.017	30	
Manganese	6:50	6:46	4	5744	<0.026	µg/m3	0.026	1000	
Nickel	6:50	6:46	4	5744	<0.061	µg/m3	0.061	500	
Zinc	6:50	6:46	4	5744	<0.069	µg/m3	0.069	2500	

Lab ID: 0013916-006 Matrix: AIR  
Field ID: 26303-B  
Location: Field Blank

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium			0	0	<0.15	ug	0.15	500	
Beryllium			0	0	<0.10	ug	0.10	1.0	
Cadmium			0	0	<0.10	ug	0.10	2.5	
Chromium			0	0	<0.60	ug	0.60	500	
Copper			0	0	<1.0	ug	1.0	500	
Lead			0	0	<0.10	ug	0.10	30	
Manganese			0	0	<0.15	ug	0.15	1000	
Nickel			0	0	<0.35	ug	0.35	500	
Zinc			0	0	1.35	ug	0.40	2500	



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Client: Lower Manhattan Development Corp.  
Address: One Liberty Plaza, 20th Floor  
New York, NY 10006

Job Number: 2043  
Date Received: 01/18/2005  
Date Analyzed: 01/18/2005  
Job Location: 130 Liberty Street  
Zn in Blank

Collected By: Rotimi Adeola  
Collected: 01/15/2005 6:18

Lab ID: 0013917-001  
Field ID: 26306-7  
Location: Washington Street/

Matrix: AIR

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium	6:18	6:10	4	5728	<b>0.052</b>	µg/m3	0.026	500	
Beryllium	6:18	6:10	4	5728	<b>&lt;0.017</b>	µg/m3	0.017	1.0	
Cadmium	6:18	6:10	4	5728	<b>&lt;0.017</b>	µg/m3	0.017	2.5	
Chromium	6:18	6:10	4	5728	<b>&lt;0.104</b>	µg/m3	0.104	500	
Copper	6:18	6:10	4	5728	<b>&lt;0.174</b>	µg/m3	0.174	500	
Lead	6:18	6:10	4	5728	<b>0.070</b>	µg/m3	0.017	30	
Manganese	6:18	6:10	4	5728	<b>&lt;0.026</b>	µg/m3	0.026	1000	
Nickel	6:18	6:10	4	5728	<b>&lt;0.061</b>	µg/m3	0.061	500	
Zinc	6:18	6:10	4	5728	<b>&lt;0.069</b>	µg/m3	0.069	2500	

Lab ID: 0013917-002  
Field ID: 26306-8  
Location: Albany Street/

Matrix: AIR

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium	6:26	6:15	4	5716	<b>0.061</b>	µg/m3	0.026	500	
Beryllium	6:26	6:15	4	5716	<b>&lt;0.017</b>	µg/m3	0.017	1.0	
Cadmium	6:26	6:15	4	5716	<b>&lt;0.017</b>	µg/m3	0.017	2.5	
Chromium	6:26	6:15	4	5716	<b>&lt;0.103</b>	µg/m3	0.103	500	
Copper	6:26	6:15	4	5716	<b>&lt;0.175</b>	µg/m3	0.175	500	
Lead	6:26	6:15	4	5716	<b>0.035</b>	µg/m3	0.017	30	
Manganese	6:26	6:15	4	5716	<b>&lt;0.026</b>	µg/m3	0.026	1000	
Nickel	6:26	6:15	4	5716	<b>&lt;0.060</b>	µg/m3	0.060	500	
Zinc	6:26	6:15	4	5716	<b>&lt;0.069</b>	µg/m3	0.069	2500	



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Job Number: 2043  
Date Received: 01/18/2005  
Date Analyzed: 01/18/2005  
Job Location: 130 Liberty Street  
Zn in Blank

Collected By: Rotimi Adeola  
Collected: 01/15/2005 6:34

Lab ID: 0013917-003  
Field ID: 26306-9  
Location: Greenwich Street

Matrix: AIR

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium	6:34	6:19	4	5700	<b>0.053</b>	µg/m3	0.026	500	
Beryllium	6:34	6:19	4	5700	<b>&lt;0.017</b>	µg/m3	0.017	1.0	
Cadmium	6:34	6:19	4	5700	<b>&lt;0.017</b>	µg/m3	0.017	2.5	
Chromium	6:34	6:19	4	5700	<b>&lt;0.105</b>	µg/m3	0.105	500	
Copper	6:34	6:19	4	5700	<b>&lt;0.175</b>	µg/m3	0.175	500	
Lead	6:34	6:19	4	5700	<b>0.026</b>	µg/m3	0.017	30	
Manganese	6:34	6:19	4	5700	<b>&lt;0.026</b>	µg/m3	0.026	1000	
Nickel	6:34	6:19	4	5700	<b>0.079</b>	µg/m3	0.061	500	
Zinc	6:34	6:19	4	5700	<b>&lt;0.069</b>	µg/m3	0.069	2500	

Lab ID: 0013917-004  
Field ID: 26306-10  
Location: Liberty Street

Matrix: AIR

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium	6:40	6:26	4	5704	<b>0.053</b>	µg/m3	0.026	500	
Beryllium	6:40	6:26	4	5704	<b>&lt;0.017</b>	µg/m3	0.017	1.0	
Cadmium	6:40	6:26	4	5704	<b>&lt;0.017</b>	µg/m3	0.017	2.5	
Chromium	6:40	6:26	4	5704	<b>&lt;0.103</b>	µg/m3	0.103	500	
Copper	6:40	6:26	4	5704	<b>0.245</b>	µg/m3	0.175	500	
Lead	6:40	6:26	4	5704	<b>&lt;0.017</b>	µg/m3	0.017	30	
Manganese	6:40	6:26	4	5704	<b>&lt;0.026</b>	µg/m3	0.026	1000	
Nickel	6:40	6:26	4	5704	<b>&lt;0.060</b>	µg/m3	0.060	500	
Zinc	6:40	6:26	4	5704	<b>&lt;0.069</b>	µg/m3	0.069	2500	



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Client: Lower Manhattan Development Corp.  
Address: One Liberty Plaza, 20th Floor  
New York, NY 10006

Job Number: 2043  
Date Received: 01/18/2005  
Date Analyzed: 01/18/2005  
Job Location: 130 Liberty Street  
Zn in Blank

Collected By: Rotimi Adeola  
Collected: 01/15/2005 6:47

Lab ID: 0013917-005  
Field ID: 26306-11  
Location: Washington Street/

Matrix: AIR

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium	6:47	6:33	4	5704	<b>0.053</b>	µg/m3	0.026	500	
Beryllium	6:47	6:33	4	5704	<b>&lt;0.017</b>	µg/m3	0.017	1.0	
Cadmium	6:47	6:33	4	5704	<b>&lt;0.017</b>	µg/m3	0.017	2.5	
Chromium	6:47	6:33	4	5704	<b>&lt;0.105</b>	µg/m3	0.105	500	
Copper	6:47	6:33	4	5704	<b>&lt;0.175</b>	µg/m3	0.175	500	
Lead	6:47	6:33	4	5704	<b>0.070</b>	µg/m3	0.017	30	
Manganese	6:47	6:33	4	5704	<b>&lt;0.026</b>	µg/m3	0.026	1000	
Nickel	6:47	6:33	4	5704	<b>&lt;0.061</b>	µg/m3	0.061	500	
Zinc	6:47	6:33	4	5704	<b>&lt;0.069</b>	µg/m3	0.069	2500	

Lab ID: 0013917-006  
Field ID: 26306-B  
Location: Field Blank

Matrix: AIR

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium			0	0	<b>&lt;0.15</b>	ug	0.15	500	
Beryllium			0	0	<b>&lt;0.10</b>	ug	0.10	1.0	
Cadmium			0	0	<b>&lt;0.10</b>	ug	0.10	2.5	
Chromium			0	0	<b>&lt;0.60</b>	ug	0.60	500	
Copper			0	0	<b>&lt;1.0</b>	ug	1.0	500	
Lead			0	0	<b>&lt;0.10</b>	ug	0.10	30	
Manganese			0	0	<b>&lt;0.15</b>	ug	0.15	1000	
Nickel			0	0	<b>&lt;0.35</b>	ug	0.35	500	
Zinc			0	0	<b>3.0</b>	ug	0.40	2500	



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Address: One Liberty Plaza, 20th Floor  
New York, NY 10006

Job Number: 2043  
Date Received: 01/18/2005  
Date Analyzed: 01/18/2005  
Job Location: 130 Liberty Street  
Zn in Blank

Collected By: Rotimi Adeola  
Collected: 01/16/2005 6:10

Lab ID: 0013918-001  
Field ID: 26313-7  
Location: Washington Street/

Matrix: AIR

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium	6:10	6:16	4	5784	<0.026	µg/m3	0.035	500	
Beryllium	6:10	6:16	4	5784	<0.017	µg/m3	0.023	1.0	
Cadmium	6:10	6:16	4	5784	<0.017	µg/m3	0.023	2.5	
Chromium	6:10	6:16	4	5784	<0.104	µg/m3	0.138	500	
Copper	6:10	6:16	4	5784	<0.175	µg/m3	0.231	500	
Lead	6:10	6:16	4	5784	0.035	µg/m3	0.023	30	
Manganese	6:10	6:16	4	5784	<0.026	µg/m3	0.035	1000	
Nickel	6:10	6:16	4	5784	<0.061	µg/m3	0.081	500	
Zinc	6:10	6:16	4	5784	<0.069	µg/m3	0.092	2500	

Lab ID: 0013918-002  
Field ID: 26313-8  
Location: Albany Street/

Matrix: AIR

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium	6:15	6:21	4	5784	0.061	µg/m3	0.026	500	
Beryllium	6:15	6:21	4	5784	<0.017	µg/m3	0.017	1.0	
Cadmium	6:15	6:21	4	5784	<0.017	µg/m3	0.017	2.5	
Chromium	6:15	6:21	4	5784	<0.103	µg/m3	0.103	500	
Copper	6:15	6:21	4	5784	<0.175	µg/m3	0.175	500	
Lead	6:15	6:21	4	5784	0.035	µg/m3	0.017	30	
Manganese	6:15	6:21	4	5784	<0.026	µg/m3	0.026	1000	
Nickel	6:15	6:21	4	5784	<0.060	µg/m3	0.060	500	
Zinc	6:15	6:21	4	5784	<0.069	µg/m3	0.069	2500	



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Job Number: 2043  
Date Received: 01/18/2005  
Date Analyzed: 01/18/2005  
Job Location: 130 Liberty Street  
Zn in Blank

Collected By: Rotimi Adeola  
Collected: 01/16/2005 6:19

Lab ID: 0013918-003  
Field ID: 26313-9  
Location: Greenwich Street

Matrix: AIR

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium	6:19	6:25	4	5784	<0.026	µg/m3	0.026	500	
Beryllium	6:19	6:25	4	5784	<0.017	µg/m3	0.017	1.0	
Cadmium	6:19	6:25	4	5784	<0.017	µg/m3	0.017	2.5	
Chromium	6:19	6:25	4	5784	<0.105	µg/m3	0.105	500	
Copper	6:19	6:25	4	5784	<0.175	µg/m3	0.175	500	
Lead	6:19	6:25	4	5784	<0.017	µg/m3	0.017	30	
Manganese	6:19	6:25	4	5784	<0.026	µg/m3	0.026	1000	
Nickel	6:19	6:25	4	5784	0.078	µg/m3	0.061	500	
Zinc	6:19	6:25	4	5784	<0.069	µg/m3	0.069	2500	

Lab ID: 0013918-004  
Field ID: 26313-10  
Location: Liberty Street

Matrix: AIR

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium	6:26	6:32	4	5784	<0.026	µg/m3	0.026	500	
Beryllium	6:26	6:32	4	5784	<0.017	µg/m3	0.017	1.0	
Cadmium	6:26	6:32	4	5784	<0.017	µg/m3	0.017	2.5	
Chromium	6:26	6:32	4	5784	<0.103	µg/m3	0.103	500	
Copper	6:26	6:32	4	5784	<0.175	µg/m3	0.175	500	
Lead	6:26	6:32	4	5784	<0.017	µg/m3	0.017	30	
Manganese	6:26	6:32	4	5784	<0.026	µg/m3	0.026	1000	
Nickel	6:26	6:32	4	5784	<0.060	µg/m3	0.060	500	
Zinc	6:26	6:32	4	5784	<0.069	µg/m3	0.069	2500	





# AMBIENT GROUP, INC.

10 Morris Avenue, Glen Cove, NY 11542  
Phone: (516) 671-2370 - Fax: (516) 609-8271  
NY ELAP ID#10865

## LMDC Air Metals Profile

Client: Lower Manhattan Development Corp.  
Address: One Liberty Plaza, 20th Floor  
New York, NY 10006

Job Number: 2043  
Date Received: 01/18/2005  
Date Analyzed: 01/18/2005  
Job Location: 130 Liberty Street  
Zn in Blank

Collected By: Rotimi Adeola  
Collected: 01/16/2005 6:33

Lab ID: 0013918-005  
Field ID: 26313-11  
Location: Washington Street/

Matrix: AIR

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium	6:33	6:38	4	5780	<0.026	µg/m3	0.026	500	
Beryllium	6:33	6:38	4	5780	<0.017	µg/m3	0.017	1.0	
Cadmium	6:33	6:38	4	5780	<0.017	µg/m3	0.017	2.5	
Chromium	6:33	6:38	4	5780	<0.105	µg/m3	0.105	500	
Copper	6:33	6:38	4	5780	<0.175	µg/m3	0.175	500	
Lead	6:33	6:38	4	5780	0.069	µg/m3	0.017	30	
Manganese	6:33	6:38	4	5780	<0.026	µg/m3	0.026	1000	
Nickel	6:33	6:38	4	5780	0.087	µg/m3	0.061	500	
Zinc	6:33	6:38	4	5780	<0.069	µg/m3	0.069	2500	

Lab ID: 0013918-006  
Field ID: 26313-B  
Location: Field Blank

Matrix: AIR

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium			0	0	<0.15	ug	0.15	500	
Beryllium			0	0	<0.10	ug	0.10	1.0	
Cadmium			0	0	<0.10	ug	0.10	2.5	
Chromium			0	0	<0.60	ug	0.60	500	
Copper			0	0	<1.0	ug	1.0	500	
Lead			0	0	<0.10	ug	0.10	30	
Manganese			0	0	<0.15	ug	0.15	1000	
Nickel			0	0	<0.35	ug	0.35	500	
Zinc			0	0	1.75	ug	0.40	2500	



# AMBIENT GROUP, INC.

10 Morris Avenue, Glen Cove, NY 11542  
Phone: (516) 671-2370 - Fax: (516) 609-8271  
NY ELAP ID#10865

## LMDC Air Metals Profile

Client: Lower Manhattan Development Corp.  
Address: One Liberty Plaza, 20th Floor  
New York, NY 10006

Job Number: 2043  
Date Received: 01/19/2005  
Date Analyzed: 01/19/2005  
Job Location: 130 Liberty Street  
Zn in Blank

Collected By: John Boadi  
Collected: 01/17/2005 6:16

Lab ID: 0013936-001  
Field ID: 26318-20  
Location: Washington Street/

Matrix: AIR

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium	6:16	6:10	4	5736	<b>0.044</b>	µg/m3	0.026	500	
Beryllium	6:16	6:10	4	5736	<b>&lt;0.017</b>	µg/m3	0.017	1.0	
Cadmium	6:16	6:10	4	5736	<b>&lt;0.017</b>	µg/m3	0.017	2.5	
Chromium	6:16	6:10	4	5736	<b>&lt;0.105</b>	µg/m3	0.105	500	
Copper	6:16	6:10	4	5736	<b>&lt;0.174</b>	µg/m3	0.174	500	
Lead	6:16	6:10	4	5736	<b>0.026</b>	µg/m3	0.017	30	
Manganese	6:16	6:10	4	5736	<b>&lt;0.026</b>	µg/m3	0.026	1000	
Nickel	6:16	6:10	4	5736	<b>&lt;0.061</b>	µg/m3	0.061	500	
Zinc	6:16	6:10	4	5736	<b>&lt;0.070</b>	µg/m3	0.070	2500	

Lab ID: 0013936-002  
Field ID: 26318-21  
Location: Albany Street/

Matrix: AIR

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium	6:21	6:19	4	5752	<b>0.052</b>	µg/m3	0.026	500	
Beryllium	6:21	6:19	4	5752	<b>&lt;0.017</b>	µg/m3	0.017	1.0	
Cadmium	6:21	6:19	4	5752	<b>&lt;0.017</b>	µg/m3	0.017	2.5	
Chromium	6:21	6:19	4	5752	<b>&lt;0.103</b>	µg/m3	0.103	500	
Copper	6:21	6:19	4	5752	<b>&lt;0.175</b>	µg/m3	0.175	500	
Lead	6:21	6:19	4	5752	<b>0.026</b>	µg/m3	0.017	30	
Manganese	6:21	6:19	4	5752	<b>&lt;0.026</b>	µg/m3	0.026	1000	
Nickel	6:21	6:19	4	5752	<b>&lt;0.060</b>	µg/m3	0.060	500	
Zinc	6:21	6:19	4	5752	<b>&lt;0.069</b>	µg/m3	0.069	2500	



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Phone: (516) 671-2370 - Fax: (516) 609-8271  
NY ELAP ID#10865

## LMDC Air Metals Profile

Client: Lower Manhattan Development Corp.  
Address: One Liberty Plaza, 20th Floor  
New York, NY 10006

Job Number: 2043  
Date Received: 01/19/2005  
Date Analyzed: 01/19/2005  
Job Location: 130 Liberty Street  
Zn in Blank

Collected By: John Boadi  
Collected: 01/17/2005 6:25

Lab ID: 0013936-003  
Field ID: 26318-22  
Location: Greenwich Street

Matrix: AIR

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium	6:25	4:30	4	5300	<b>0.057</b>	µg/m3	0.028	500	
Beryllium	6:25	4:30	4	5300	<b>&lt;0.019</b>	µg/m3	0.019	1.0	
Cadmium	6:25	4:30	4	5300	<b>&lt;0.019</b>	µg/m3	0.019	2.5	
Chromium	6:25	4:30	4	5300	<b>&lt;0.113</b>	µg/m3	0.113	500	
Copper	6:25	4:30	4	5300	<b>&lt;0.189</b>	µg/m3	0.189	500	
Lead	6:25	4:30	4	5300	<b>&lt;0.019</b>	µg/m3	0.019	30	
Manganese	6:25	4:30	4	5300	<b>&lt;0.026</b>	µg/m3	0.028	1000	
Nickel	6:25	4:30	4	5300	<b>&lt;0.066</b>	µg/m3	0.066	500	
Zinc	6:25	4:30	4	5300	<b>&lt;0.075</b>	µg/m3	0.075	2500	

Lab ID: 0013936-004  
Field ID: 26318-23  
Location: Liberty Street

Matrix: AIR

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium	6:32	6:38	4	5784	<b>0.043</b>	µg/m3	0.026	500	
Beryllium	6:32	6:38	4	5784	<b>&lt;0.017</b>	µg/m3	0.017	1.0	
Cadmium	6:32	6:38	4	5784	<b>&lt;0.017</b>	µg/m3	0.017	2.5	
Chromium	6:32	6:38	4	5784	<b>&lt;0.103</b>	µg/m3	0.103	500	
Copper	6:32	6:38	4	5784	<b>&lt;0.175</b>	µg/m3	0.175	500	
Lead	6:32	6:38	4	5784	<b>&lt;0.017</b>	µg/m3	0.017	30	
Manganese	6:32	6:38	4	5784	<b>&lt;0.026</b>	µg/m3	0.026	1000	
Nickel	6:32	6:38	4	5784	<b>&lt;0.060</b>	µg/m3	0.060	500	
Zinc	6:32	6:38	4	5784	<b>&lt;0.069</b>	µg/m3	0.069	2500	



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NY ELAP ID#10865

## LMDC Air Metals Profile

Client: Lower Manhattan Development Corp.  
Address: One Liberty Plaza, 20th Floor  
New York, NY 10006

Job Number: 2043  
Date Received: 01/19/2005  
Date Analyzed: 01/19/2005  
Job Location: 130 Liberty Street  
Zn in Blank

Collected By: John Boadi  
Collected: 01/17/2005 6:38

Lab ID: 0013936-005  
Field ID: 26318-24  
Location: Washington Street/

Matrix: AIR

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium	6:38	6:47	4	5796	<0.026	µg/m3	0.026	500	
Beryllium	6:38	6:47	4	5796	<0.017	µg/m3	0.017	1.0	
Cadmium	6:38	6:47	4	5796	<0.017	µg/m3	0.017	2.5	
Chromium	6:38	6:47	4	5796	<0.105	µg/m3	0.105	500	
Copper	6:38	6:47	4	5796	<0.175	µg/m3	0.175	500	
Lead	6:38	6:47	4	5796	0.035	µg/m3	0.017	30	
Manganese	6:38	6:47	4	5796	<0.026	µg/m3	0.026	1000	
Nickel	6:38	6:47	4	5796	<0.061	µg/m3	0.061	500	
Zinc	6:38	6:47	4	5796	<0.069	µg/m3	0.069	2500	

Lab ID: 0013936-006  
Field ID: 26318-B  
Location: Field Blank

Matrix: AIR

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium			0	0	<0.15	ug	0.15	500	
Beryllium			0	0	<0.10	ug	0.10	1.0	
Cadmium			0	0	<0.10	ug	0.10	2.5	
Chromium			0	0	<0.60	ug	0.60	500	
Copper			0	0	<1.0	ug	1.0	500	
Lead			0	0	<0.10	ug	0.10	30	
Manganese			0	0	<0.15	ug	0.15	1000	
Nickel			0	0	<0.35	ug	0.35	500	
Zinc			0	0	1.45	ug	0.40	2500	



# AMBIENT GROUP, INC.

10 Morris Avenue, Glen Cove, NY 11542  
Phone: (516) 671-2370 - Fax: (516) 609-8271  
NY ELAP ID#10865

## LMDC Air Metals Profile

Client: Lower Manhattan Development Corp.  
Address: One Liberty Plaza, 20th Floor  
New York, NY 10006

Job Number: 2043  
Date Received: 01/20/2005  
Date Analyzed: 01/20/2005  
Job Location: 130 Liberty Street  
Zn in Blank

Collected By: Rotimi Adeola  
Collected: 01/18/2005 6:10

Lab ID: 0013952-001  
Field ID: 26322-20  
Location: Washington Street/

Matrix: AIR

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium	6:10	6:08	4	5752	<0.026	µg/m3	0.026	500	
Beryllium	6:10	6:08	4	5752	<0.017	µg/m3	0.017	1.0	
Cadmium	6:10	6:08	4	5752	0.043	µg/m3	0.017	2.5	
Chromium	6:10	6:08	4	5752	<0.105	µg/m3	0.105	500	
Copper	6:10	6:08	4	5752	<0.174	µg/m3	0.174	500	
Lead	6:10	6:08	4	5752	0.098	µg/m3	0.017	30	
Manganese	6:10	6:08	4	5752	<0.026	µg/m3	0.026	1000	
Nickel	6:10	6:08	4	5752	<0.061	µg/m3	0.061	500	
Zinc	6:10	6:08	4	5752	0.096	µg/m3	0.070	2500	

Lab ID: 0013952-002  
Field ID: 26322-21  
Location: Albany Street/

Matrix: AIR

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium	6:19	6:14	4	5740	0.035	µg/m3	0.026	500	
Beryllium	6:19	6:14	4	5740	<0.017	µg/m3	0.017	1.0	
Cadmium	6:19	6:14	4	5740	<0.017	µg/m3	0.017	2.5	
Chromium	6:19	6:14	4	5740	<0.105	µg/m3	0.103	500	
Copper	6:19	6:14	4	5740	<0.175	µg/m3	0.175	500	
Lead	6:19	6:14	4	5740	0.030	µg/m3	0.017	30	
Manganese	6:19	6:14	4	5740	<0.026	µg/m3	0.026	1000	
Nickel	6:19	6:14	4	5740	<0.061	µg/m3	0.060	500	
Zinc	6:19	6:14	4	5740	<0.070	µg/m3	0.069	2500	



# AMBIENT GROUP, INC.

10 Morris Avenue, Glen Cove, NY 11542  
Phone: (516) 671-2370 - Fax: (516) 609-8271  
NY ELAP ID#10865

## LMDC Air Metals Profile

Client: Lower Manhattan Development Corp. Job Number: 2043  
Address: One Liberty Plaza, 20th Floor Date Received: 01/20/2005  
New York, NY 10006 Date Analyzed: 01/20/2005  
Collected By: Rotimi Adeola Job Location: 130 Liberty Street  
Collected: 01/18/2005 7:28 Zn in Blank

Lab ID: 0013952-003 Matrix: AIR  
Field ID: 26322-22  
Location: Greenwich Street

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium	7:28	6:20	4.5	6174	<b>0.040</b>	µg/m3	0.024	500	
Beryllium	7:28	6:20	4.5	6174	<b>&lt;0.016</b>	µg/m3	0.016	1.0	
Cadmium	7:28	6:20	4.5	6174	<b>&lt;0.016</b>	µg/m3	0.016	2.5	
Chromium	7:28	6:20	4.5	6174	<b>&lt;0.097</b>	µg/m3	0.097	500	
Copper	7:28	6:20	4.5	6174	<b>&lt;0.162</b>	µg/m3	0.162	500	
Lead	7:28	6:20	4.5	6174	<b>0.0180</b>	µg/m3	0.016	30	
Manganese	7:28	6:20	4.5	6174	<b>&lt;0.024</b>	µg/m3	0.024	1000	
Nickel	7:28	6:20	4.5	6174	<b>&lt;0.057</b>	µg/m3	0.057	500	
Zinc	7:28	6:20	4.5	6174	<b>&lt;0.065</b>	µg/m3	0.065	2500	

Lab ID: 0013952-004 Matrix: AIR  
Field ID: 26322-23  
Location: Liberty Street

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium	6:38	6:29	4	5724	<b>&lt;0.026</b>	µg/m3	0.026	500	
Beryllium	6:38	6:29	4	5724	<b>&lt;0.017</b>	µg/m3	0.017	1.0	
Cadmium	6:38	6:29	4	5724	<b>&lt;0.017</b>	µg/m3	0.017	2.5	
Chromium	6:38	6:29	4	5724	<b>&lt;0.103</b>	µg/m3	0.103	500	
Copper	6:38	6:29	4	5724	<b>&lt;0.175</b>	µg/m3	0.175	500	
Lead	6:38	6:29	4	5724	<b>&lt;0.017</b>	µg/m3	0.017	30	
Manganese	6:38	6:29	4	5724	<b>&lt;0.026</b>	µg/m3	0.026	1000	
Nickel	6:38	6:29	4	5724	<b>&lt;0.060</b>	µg/m3	0.060	500	
Zinc	6:38	6:29	4	5724	<b>&lt;0.069</b>	µg/m3	0.069	2500	



# AMBIENT GROUP, INC.

10 Morris Avenue, Glen Cove, NY 11542  
Phone: (516) 671-2370 - Fax: (516) 609-8271  
NY ELAP ID#10865

## LMDC Air Metals Profile

Client: Lower Manhattan Development Corp.  
Address: One Liberty Plaza, 20th Floor  
New York, NY 10006

Job Number: 2043  
Date Received: 01/20/2005  
Date Analyzed: 01/20/2005  
Job Location: 130 Liberty Street  
Zn in Blank

Collected By: Rotimi Adeola  
Collected: 01/18/2005 6:47

Lab ID: 0013952-005  
Field ID: 26322-24  
Location: Washington Street/

Matrix: AIR

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium	6:47	6:37	4	5720	<b>0.035</b>	µg/m3	0.026	500	
Beryllium	6:47	6:37	4	5720	<b>&lt;0.017</b>	µg/m3	0.017	1.0	
Cadmium	6:47	6:37	4	5720	<b>&lt;0.017</b>	µg/m3	0.017	2.5	
Chromium	6:47	6:37	4	5720	<b>&lt;0.105</b>	µg/m3	0.105	500	
Copper	6:47	6:37	4	5720	<b>&lt;0.175</b>	µg/m3	0.175	500	
Lead	6:47	6:37	4	5720	<b>0.070</b>	µg/m3	0.017	30	
Manganese	6:47	6:37	4	5720	<b>&lt;0.026</b>	µg/m3	0.026	1000	
Nickel	6:47	6:37	4	5720	<b>&lt;0.061</b>	µg/m3	0.061	500	
Zinc	6:47	6:37	4	5720	<b>&lt;0.070</b>	µg/m3	0.069	2500	

Lab ID: 0013952-006  
Field ID: 26322-B  
Location: Field Blank

Matrix: AIR

<u>Parameter</u>	<u>Start</u>	<u>End</u>	<u>Flow</u>	<u>Volume</u>	<u>Result</u>	<u>Units</u>	<u>MDL</u>	<u>MCL</u>	<u>Flag</u>
Barium			0	0	<b>&lt;0.15</b>	ug	0.15	500	
Beryllium			0	0	<b>&lt;0.10</b>	ug	0.10	1.0	
Cadmium			0	0	<b>&lt;0.10</b>	ug	0.10	2.5	
Chromium			0	0	<b>&lt;0.60</b>	ug	0.60	500	
Copper			0	0	<b>&lt;1.0</b>	ug	1.0	500	
Lead			0	0	<b>&lt;0.10</b>	ug	0.10	30	
Manganese			0	0	<b>&lt;0.15</b>	ug	0.15	1000	
Nickel			0	0	<b>&lt;0.35</b>	ug	0.35	500	
Zinc			0	0	<b>5.8</b>	ug	0.40	2500	

SIGNED FOR AMBIENT GROUP, INC. BY:

MDL = Minimum Detection Limit  
MCL = Maximum Contaminant Level  
> MCL = Exceeds Maximum Contaminant Level