# 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

Collected By: Ike Onyenyili
Collected: 10/25/2004

Job Number: 02403
Date Received: 10/27/2004
Date Analyzed: 10/27/2004
Job Location: 130 Liberty Street

Lab ID: 0012727-001
Field ID: 23062-20
Location: Washington Street/
Matrix: AIR

| Parameter | Start | End | Flow | Volume | Result | Units | MDL | MCL | Flag |
|---|---|---|---|---|---|---|---|---|---|
| **Barium** | 6:06 | 5:37 | 4 | 5644 | **<0.0270** | µg/m3 | 0.027 | 500 | |
| **Beryllium** | 6:06 | 5:37 | 4 | 5644 | **<0.0180** | µg/m3 | 0.018 | 1.0 | |
| **Cadmium** | 6:06 | 5:37 | 4 | 5644 | **<0.0180** | µg/m3 | 0.018 | 2.5 | |
| **Chromium** | 6:06 | 5:37 | 4 | 5644 | **<0.106** | µg/m3 | 0.106 | 500 | |
| **Copper** | 6:06 | 5:37 | 4 | 5644 | **<0.177** | µg/m3 | 0.177 | 500 | |
| **Lead** | 6:06 | 5:37 | 4 | 5644 | **<0.0970** | µg/m3 | 0.097 | 30 | |
| **Manganese** | 6:06 | 5:37 | 4 | 5644 | **<0.0270** | µg/m3 | 0.027 | 1000 | |
| **Nickel** | 6:06 | 5:37 | 4 | 5644 | **<0.0620** | µg/m3 | 0.062 | 500 | |
| **Zinc** | 6:06 | 5:37 | 4 | 5644 | **<0.0710** | µg/m3 | 0.071 | 2500 | |

Lab ID: 0012727-002
Field ID: 23062-21
Location: Albany Street/
Matrix: AIR

| Parameter | Start | End | Flow | Volume | Result | Units | MDL | MCL | Flag |
|---|---|---|---|---|---|---|---|---|---|
| **Barium** | 6:08 | 5:46 | 5 | 7090 | **<0.0210** | µg/m3 | 0.021 | 500 | |
| **Beryllium** | 6:08 | 5:46 | 5 | 7090 | **<0.0140** | µg/m3 | 0.014 | 1.0 | |
| **Cadmium** | 6:08 | 5:46 | 5 | 7090 | **<0.0140** | µg/m3 | 0.014 | 2.5 | |
| **Chromium** | 6:08 | 5:46 | 5 | 7090 | **<0.0850** | µg/m3 | 0.085 | 500 | |
| **Copper** | 6:08 | 5:46 | 5 | 7090 | **<0.141** | µg/m3 | 0.141 | 500 | |
| **Lead** | 6:08 | 5:46 | 5 | 7090 | **0.0920** | µg/m3 | 0.086 | 30 | |
| **Manganese** | 6:08 | 5:46 | 5 | 7090 | **<0.0210** | µg/m3 | 0.021 | 1000 | |
| **Nickel** | 6:08 | 5:46 | 5 | 7090 | **<0.0490** | µg/m3 | 0.049 | 500 | |
| **Zinc** | 6:08 | 5:46 | 5 | 7090 | **0.106** | µg/m3 | 0.057 | 2500 | |

MDL = Minimum Detection Limit
MCL = Maximum Contaminant Level
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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

Collected By: Ike Onyenyili
Collected: 10/25/2004

Job Number: 02403
Date Received: 10/27/2004
Date Analyzed: 10/27/2004
Job Location: 130 Liberty Street

Lab ID: 0012727-003
Field ID: 23062-22
Location: Greenwich Street
Matrix: AIR

| Parameter | Start | End | Flow | Volume | Result | Units | MDL | MCL | Flag |
|---|---|---|---|---|---|---|---|---|---|
| **Barium** | 6:15 | 5:54 | 3 | 4257 | **<0.0350** | µg/m3 | 0.035 | 500 | |
| **Beryllium** | 6:15 | 5:54 | 3 | 4257 | **<0.0230** | µg/m3 | 0.023 | 1.0 | |
| **Cadmium** | 6:15 | 5:54 | 3 | 4257 | **<0.0230** | µg/m3 | 0.023 | 2.5 | |
| **Chromium** | 6:15 | 5:54 | 3 | 4257 | **<0.141** | µg/m3 | 0.141 | 500 | |
| **Copper** | 6:15 | 5:54 | 3 | 4257 | **<0.235** | µg/m3 | 0.235 | 500 | |
| **Lead** | 6:15 | 5:54 | 3 | 4257 | **<0.129** | µg/m3 | 0.129 | 30 | |
| **Manganese** | 6:15 | 5:54 | 3 | 4257 | **<0.0350** | µg/m3 | 0.035 | 1000 | |
| **Nickel** | 6:15 | 5:54 | 3 | 4257 | **<0.0820** | µg/m3 | 0.082 | 500 | |
| **Zinc** | 6:15 | 5:54 | 3 | 4257 | **0.20** | µg/m3 | 0.090 | 2500 | |

Lab ID: 0012727-004
Field ID: 23062-23
Location: Liberty Street
Matrix: AIR

| Parameter | Start | End | Flow | Volume | Result | Units | MDL | MCL | Flag |
|---|---|---|---|---|---|---|---|---|---|
| **Barium** | 6:24 | 6:03 | 4 | 5676 | **<0.0260** | µg/m3 | 0.026 | 500 | |
| **Beryllium** | 6:24 | 6:03 | 4 | 5676 | **<0.0180** | µg/m3 | 0.018 | 1.0 | |
| **Cadmium** | 6:24 | 6:03 | 4 | 5676 | **<0.0180** | µg/m3 | 0.018 | 2.5 | |
| **Chromium** | 6:24 | 6:03 | 4 | 5676 | **<0.106** | µg/m3 | 0.106 | 500 | |
| **Copper** | 6:24 | 6:03 | 4 | 5676 | **<0.176** | µg/m3 | 0.176 | 500 | |
| **Lead** | 6:24 | 6:03 | 4 | 5676 | **<0.0970** | µg/m3 | 0.097 | 30 | |
| **Manganese** | 6:24 | 6:03 | 4 | 5676 | **<0.0260** | µg/m3 | 0.026 | 1000 | |
| **Nickel** | 6:24 | 6:03 | 4 | 5676 | **<0.0620** | µg/m3 | 0.062 | 500 | |
| **Zinc** | 6:24 | 6:03 | 4 | 5676 | **0.467** | µg/m3 | 0.070 | 2500 | |

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## LMDC Air Metals Profile

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

Collected By: Ike Onyenyili
Collected: 10/25/2004

Job Number: 02403
Date Received: 10/27/2004
Date Analyzed: 10/27/2004
Job Location: 130 Liberty Street

Lab ID: 0012727-005
Field ID: 23062-24
Location: Washington Street/

Matrix: AIR

| Parameter | Start | End | Flow | Volume | Result | Units | MDL | MCL | Flag |
|---|---|---|---|---|---|---|---|---|---|
| **Barium** | 6:31 | 6:13 | 4 | 5688 | **<0.0260** | µg/m3 | 0.026 | 500 | |
| **Beryllium** | 6:31 | 6:13 | 4 | 5688 | **<0.0180** | µg/m3 | 0.018 | 1.0 | |
| **Cadmium** | 6:31 | 6:13 | 4 | 5688 | **<0.0180** | µg/m3 | 0.018 | 2.5 | |
| **Chromium** | 6:31 | 6:13 | 4 | 5688 | **<0.105** | µg/m3 | 0.105 | 500 | |
| **Copper** | 6:31 | 6:13 | 4 | 5688 | **<0.176** | µg/m3 | 0.176 | 500 | |
| **Lead** | 6:31 | 6:13 | 4 | 5688 | **<0.0970** | µg/m3 | 0.097 | 30 | |
| **Manganese** | 6:31 | 6:13 | 4 | 5688 | **<0.0260** | µg/m3 | 0.026 | 1000 | |
| **Nickel** | 6:31 | 6:13 | 4 | 5688 | **<0.0620** | µg/m3 | 0.062 | 500 | |
| **Zinc** | 6:31 | 6:13 | 4 | 5688 | **0.149** | µg/m3 | 0.070 | 2500 | |

Lab ID: 0012727-006
Field ID: 23062-B
Location: Field Blank

Matrix: AIR

| Parameter | Start | End | Flow | Volume | Result | Units | MDL | MCL | Flag |
|---|---|---|---|---|---|---|---|---|---|
| **Barium** | | | 0 | 0 | **3.3** | ug | 0.003 | 500 | |
| **Beryllium** | | | 0 | 0 | **<0.10** | ug | 0.002 | 1.0 | |
| **Cadmium** | | | 0 | 0 | **<0.10** | ug | 0.002 | 2.5 | |
| **Chromium** | | | 0 | 0 | **<0.60** | ug | 0.012 | 500 | |
| **Copper** | | | 0 | 0 | **<1.0** | ug | 0.020 | 500 | |
| **Lead** | | | 0 | 0 | **<0.55** | ug | 0.011 | 30 | |
| **Manganese** | | | 0 | 0 | **<0.15** | ug | 0.003 | 1000 | |
| **Nickel** | | | 0 | 0 | **<0.35** | ug | 0.007 | 500 | |
| **Zinc** | | | 0 | 0 | **<0.40** | ug | 0.008 | 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

Collected By: Rotimi Adeola
Collected: 10/26/2004

Job Number: 02403
Date Received: 10/28/2004
Date Analyzed: 10/28/2004
Job Location: 130 Liberty Street

Lab ID: 0012756-001
Field ID: 23066-20
Location: Washington Street/
Matrix: AIR

| Parameter | Start | End | Flow | Volume | Result | Units | MDL | MCL | Flag |
|---|---|---|---|---|---|---|---|---|---|
| **Barium** | 5:37 | 5:35 | 4 | 5752 | **<0.0260** | µg/m3 | 0.026 | 500 | |
| **Beryllium** | 5:37 | 5:35 | 4 | 5752 | **<0.0170** | µg/m3 | 0.017 | 1.0 | |
| **Cadmium** | 5:37 | 5:35 | 4 | 5752 | **<0.0170** | µg/m3 | 0.017 | 2.5 | |
| **Chromium** | 5:37 | 5:35 | 4 | 5752 | **<0.105** | µg/m3 | 0.105 | 500 | |
| **Copper** | 5:37 | 5:35 | 4 | 5752 | **<0.174** | µg/m3 | 0.174 | 500 | |
| **Lead** | 5:37 | 5:35 | 4 | 5752 | **0.0960** | µg/m3 | 0.096 | 30 | |
| **Manganese** | 5:37 | 5:35 | 4 | 5752 | **<0.0260** | µg/m3 | 0.026 | 1000 | |
| **Nickel** | 5:37 | 5:35 | 4 | 5752 | **<0.0610** | µg/m3 | 0.061 | 500 | |
| **Zinc** | 5:37 | 5:35 | 4 | 5752 | **0.183** | µg/m3 | 0.069 | 2500 | |

Lab ID: 0012756-002
Field ID: 23066-21
Location: Albany Street/
Matrix: AIR

| Parameter | Start | End | Flow | Volume | Result | Units | MDL | MCL | Flag |
|---|---|---|---|---|---|---|---|---|---|
| **Barium** | 5:46 | 5:48 | 4 | 5768 | **<0.0260** | µg/m3 | 0.026 | 500 | |
| **Beryllium** | 5:46 | 5:48 | 4 | 5768 | **< 0.0170** | µg/m3 | 0.017 | 1.0 | |
| **Cadmium** | 5:46 | 5:48 | 4 | 5768 | **<0.0170** | µg/m3 | 0.017 | 2.5 | |
| **Chromium** | 5:46 | 5:48 | 4 | 5768 | **<0.104** | µg/m3 | 0.104 | 500 | |
| **Copper** | 5:46 | 5:48 | 4 | 5768 | **<0.173** | µg/m3 | 0.173 | 500 | |
| **Lead** | 5:46 | 5:48 | 4 | 5768 | **<0.0950** | µg/m3 | 0.095 | 30 | |
| **Manganese** | 5:46 | 5:48 | 4 | 5768 | **<0.0260** | µg/m3 | 0.026 | 1000 | |
| **Nickel** | 5:46 | 5:48 | 4 | 5768 | **<0.0610** | µg/m3 | 0.061 | 500 | |
| **Zinc** | 5:46 | 5:48 | 4 | 5768 | **0.0780** | µg/m3 | 0.069 | 2500 | |

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

Collected By: Rotimi Adeola
Collected: 10/26/2004

Job Number: 02403
Date Received: 10/28/2004
Date Analyzed: 10/28/2004
Job Location: 130 Liberty Street

Lab ID: 0012756-003
Field ID: 23066-22
Location: Greenwich Street
Matrix: AIR

| Parameter | Start | End | Flow | Volume | Result | Units | MDL | MCL | Flag |
|---|---|---|---|---|---|---|---|---|---|
| **Barium** | 5:54 | 5:55 | 3.5 | 5043.5 | **<0.030** | µg/m3 | 0.030 | 500 | |
| **Beryllium** | 5:54 | 5:55 | 3.5 | 5043.5 | **<0.020** | µg/m3 | 0.020 | 1.0 | |
| **Cadmium** | 5:54 | 5:55 | 3.5 | 5043.5 | **<0.020** | µg/m3 | 0.020 | 2.5 | |
| **Chromium** | 5:54 | 5:55 | 3.5 | 5043.5 | **<0.119** | µg/m3 | 0.119 | 500 | |
| **Copper** | 5:54 | 5:55 | 3.5 | 5043.5 | **<0.198** | µg/m3 | 0.198 | 500 | |
| **Lead** | 5:54 | 5:55 | 3.5 | 5043.5 | **<0.109** | µg/m3 | 0.109 | 30 | |
| **Manganese** | 5:54 | 5:55 | 3.5 | 5043.5 | **<0.030** | µg/m3 | 0.030 | 1000 | |
| **Nickel** | 5:54 | 5:55 | 3.5 | 5043.5 | **<0.0690** | µg/m3 | 0.069 | 500 | |
| **Zinc** | 5:54 | 5:55 | 3.5 | 5043.5 | **0.129** | µg/m3 | 0.072 | 2500 | |

Lab ID: 0012756-004
Field ID: 23066-23
Location: Liberty Street
Matrix: AIR

| Parameter | Start | End | Flow | Volume | Result | Units | MDL | MCL | Flag |
|---|---|---|---|---|---|---|---|---|---|
| **Barium** | 6:03 | 6:04 | 4 | 5764 | **<0.0260** | µg/m3 | 0.026 | 500 | |
| **Beryllium** | 6:03 | 6:04 | 4 | 5764 | **<0.0170** | µg/m3 | 0.017 | 1.0 | |
| **Cadmium** | 6:03 | 6:04 | 4 | 5764 | **<0.0170** | µg/m3 | 0.017 | 2.5 | |
| **Chromium** | 6:03 | 6:04 | 4 | 5764 | **<0.104** | µg/m3 | 0.104 | 500 | |
| **Copper** | 6:03 | 6:04 | 4 | 5764 | **<0.173** | µg/m3 | 0.173 | 500 | |
| **Lead** | 6:03 | 6:04 | 4 | 5764 | **<0.0950** | µg/m3 | 0.095 | 30 | |
| **Manganese** | 6:03 | 6:04 | 4 | 5764 | **<0.0260** | µg/m3 | 0.026 | 1000 | |
| **Nickel** | 6:03 | 6:04 | 4 | 5764 | **<0.0610** | µg/m3 | 0.061 | 500 | |
| **Zinc** | 6:03 | 6:04 | 4 | 5764 | **0.252** | µg/m3 | 0.069 | 2500 | |

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## LMDC Air Metals Profile

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

Collected By: Rotimi Adeola
Collected: 10/26/2004

Job Number: 02403
Date Received: 10/28/2004
Date Analyzed: 10/28/2004
Job Location: 130 Liberty Street

Lab ID: 0012756-005
Field ID: 23066-24
Location: Washington Street/
Matrix: AIR

| Parameter | Start | End | Flow | Volume | Result | Units | MDL | MCL | Flag |
|---|---|---|---|---|---|---|---|---|---|
| **Barium** | 6:13 | 6:14 | 4 | 5764 | **<0.0260** | µg/m3 | 0.026 | 500 | |
| **Beryllium** | 6:13 | 6:14 | 4 | 5764 | **<0.0170** | µg/m3 | 0.017 | 1.0 | |
| **Cadmium** | 6:13 | 6:14 | 4 | 5764 | **<0.0170** | µg/m3 | 0.017 | 2.5 | |
| **Chromium** | 6:13 | 6:14 | 4 | 5764 | **<0.104** | µg/m3 | 0.104 | 500 | |
| **Copper** | 6:13 | 6:14 | 4 | 5764 | **<0.173** | µg/m3 | 0.173 | 500 | |
| **Lead** | 6:13 | 6:14 | 4 | 5764 | **<0.0950** | µg/m3 | 0.095 | 30 | |
| **Manganese** | 6:13 | 6:14 | 4 | 5764 | **<0.0260** | µg/m3 | 0.026 | 1000 | |
| **Nickel** | 6:13 | 6:14 | 4 | 5764 | **<0.0610** | µg/m3 | 0.061 | 500 | |
| **Zinc** | 6:13 | 6:14 | 4 | 5764 | **0.217** | µg/m3 | 0.069 | 2500 | |

Lab ID: 0012756-006
Field ID: 23066-B
Location: Field Blank
Matrix: AIR

| Parameter | Start | End | Flow | Volume | Result | Units | MDL | MCL | Flag |
|---|---|---|---|---|---|---|---|---|---|
| **Barium** | | | 0 | 0 | **<0.15** | ug | 0.003 | 500 | |
| **Beryllium** | | | 0 | 0 | **<0.10** | ug | 0.002 | 1.0 | |
| **Cadmium** | | | 0 | 0 | **<0.10** | ug | 0.002 | 2.5 | |
| **Chromium** | | | 0 | 0 | **<0.60** | ug | 0.012 | 500 | |
| **Copper** | | | 0 | 0 | **<1.0** | ug | 0.020 | 500 | |
| **Lead** | | | 0 | 0 | **<0.55** | ug | 0.011 | 30 | |
| **Manganese** | | | 0 | 0 | **<0.15** | ug | 0.003 | 1000 | |
| **Nickel** | | | 0 | 0 | **<0.35** | ug | 0.007 | 500 | |
| **Zinc** | | | 0 | 0 | **<0.40** | ug | 0.008 | 2500 | |

**SIGNED FOR AMBIENT GROUP, INC. BY:**

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