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

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

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

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

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

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

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

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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: 01/15/2005 6:34

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

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

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

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

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

MDL = Minimum Detection Limit
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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: 01/15/2005 6:47

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

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

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

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

| Parameter | Start | End | Flow | Volume | Result | Units | MDL | MCL | Flag |
|---|---|---|---|---|---|---|---|---|---|
| **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 | **3.0** | ug | 0.40 | 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: 01/16/2005 6:10

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

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

| Parameter | Start | End | Flow | Volume | Result | Units | MDL | MCL | Flag |
|---|---|---|---|---|---|---|---|---|---|
| **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

| Parameter | Start | End | Flow | Volume | Result | Units | MDL | MCL | Flag |
|---|---|---|---|---|---|---|---|---|---|
| **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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## LMDC Air Metals Profile

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

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

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

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

| Parameter | Start | End | Flow | Volume | Result | Units | MDL | MCL | Flag |
|---|---|---|---|---|---|---|---|---|---|
| **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

| Parameter | Start | End | Flow | Volume | Result | Units | MDL | MCL | Flag |
|---|---|---|---|---|---|---|---|---|---|
| **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 | |

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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: 01/16/2005 6:33

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

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

| Parameter | Start | End | Flow | Volume | Result | Units | MDL | MCL | Flag |
|---|---|---|---|---|---|---|---|---|---|
| **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

| Parameter | Start | End | Flow | Volume | Result | Units | MDL | MCL | Flag |
|---|---|---|---|---|---|---|---|---|---|
| **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 | |

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

MDL = Minimum Detection Limit
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