



*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 | 9/3/2005           |
|              | New York, NY 10006                      | Date Analyzed | 9/3/2005           |
| Collected By | V. Bajomo                               | Job Location  | 130 Liberty Street |
| Collected    | 9/2/2005                                |               |                    |
| Rotometer    | Standard                                |               |                    |

|          |                                 |        |     |
|----------|---------------------------------|--------|-----|
| Lab ID   | 010503427-0001                  | Matrix | Air |
| Field ID | M-090205-1327                   |        |     |
| Location | Washington Street/Albany 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, 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       |             |

|          |                                |        |     |
|----------|--------------------------------|--------|-----|
| Lab ID   | 010503427-0002                 | Matrix | Air |
| Field ID | M-090205-1328                  |        |     |
| Location | Albany Street/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, Total    | 16:14        | 16:13      | 4           | 5756          | <0.87         | µg/m3        | 0.87       | 500        |             |
| Beryllium, Total | 16:14        | 16:13      | 4           | 5756          | <0.035        | µg/m3        | 0.035      | 1          |             |
| Cadmium, Total   | 16:14        | 16:13      | 4           | 5756          | <0.035        | µg/m3        | 0.035      | 2.5        |             |
| Chromium, Total  | 16:14        | 16:13      | 4           | 5756          | <0.087        | µg/m3        | 0.087      | 500        |             |
| Copper, Total    | 16:14        | 16:13      | 4           | 5756          | <0.17         | µg/m3        | 0.17       | 500        |             |
| Lead, Total      | 16:14        | 16:13      | 4           | 5756          | <0.087        | µg/m3        | 0.087      | 30         |             |
| Manganese, Total | 16:14        | 16:13      | 4           | 5756          | <0.13         | µg/m3        | 0.13       | 1000       |             |
| Nickel, Total    | 16:14        | 16:13      | 4           | 5756          | <0.17         | µg/m3        | 0.17       | 500        |             |
| Zinc, Total      | 16:14        | 16:13      | 4           | 5756          | <0.17         | µg/m3        | 0.17       | 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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CITY\_21MC100\_003218315



*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  
Address One Liberty Plaza, 20th Floor  
New York, NY 10006  
Collected By V. Bajomo  
Collected 9/2/2005  
Rotometer Standard

Job Number 46600-0000-00001  
Date Received 9/3/2005  
Date Analyzed 9/3/2005  
Job Location 130 Liberty Street

Lab ID 010503427-0003  
Field ID M-090205-1329  
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, Total    | 16:17        | 16:16      | 4           | 5756          | <0.87         | µg/m3        | 0.87       | 500        |             |
| Beryllium, Total | 16:17        | 16:16      | 4           | 5756          | <0.035        | µg/m3        | 0.035      | 1          |             |
| Cadmium, Total   | 16:17        | 16:16      | 4           | 5756          | <0.035        | µg/m3        | 0.035      | 2.5        |             |
| Chromium, Total  | 16:17        | 16:16      | 4           | 5756          | <0.087        | µg/m3        | 0.087      | 500        |             |
| Copper, Total    | 16:17        | 16:16      | 4           | 5756          | <0.17         | µg/m3        | 0.17       | 500        |             |
| Lead, Total      | 16:17        | 16:16      | 4           | 5756          | <0.087        | µg/m3        | 0.087      | 30         |             |
| Manganese, Total | 16:17        | 16:16      | 4           | 5756          | <0.13         | µg/m3        | 0.13       | 1000       |             |
| Nickel, Total    | 16:17        | 16:16      | 4           | 5756          | <0.17         | µg/m3        | 0.17       | 500        |             |
| Zinc, Total      | 16:17        | 16:16      | 4           | 5756          | <0.17         | µg/m3        | 0.17       | 2500       |             |

Lab ID 010503427-0004  
Field ID M-090205-1330  
Location Greenwich Street/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, Total    | 16:21        | 16:18      | 4           | 5748          | <0.87         | µg/m3        | 0.87       | 500        |             |
| Beryllium, Total | 16:21        | 16:18      | 4           | 5748          | <0.035        | µg/m3        | 0.035      | 1          |             |
| Cadmium, Total   | 16:21        | 16:18      | 4           | 5748          | <0.035        | µg/m3        | 0.035      | 2.5        |             |
| Chromium, Total  | 16:21        | 16:18      | 4           | 5748          | <0.087        | µg/m3        | 0.087      | 500        |             |
| Copper, Total    | 16:21        | 16:18      | 4           | 5748          | <0.17         | µg/m3        | 0.17       | 500        |             |
| Lead, Total      | 16:21        | 16:18      | 4           | 5748          | <0.087        | µg/m3        | 0.087      | 30         |             |
| Manganese, Total | 16:21        | 16:18      | 4           | 5748          | <0.13         | µg/m3        | 0.13       | 1000       |             |
| Nickel, Total    | 16:21        | 16:18      | 4           | 5748          | <0.17         | µg/m3        | 0.17       | 500        |             |
| Zinc, Total      | 16:21        | 16:18      | 4           | 5748          | <0.17         | µg/m3        | 0.17       | 2500       |             |

MDL = Minimum Detection Limit

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

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**LMDC Air Metals Profile**

|              |                                         |               |                    |
|--------------|-----------------------------------------|---------------|--------------------|
| Client       | Lower Manhattan Development Corporation | Job Number    | 46600-0000-00001   |
| Address      | One Liberty Plaza, 20th Floor           | Date Received | 9/3/2005           |
|              | New York, NY 10006                      | Date Analyzed | 9/3/2005           |
| Collected By | V. Bajomo                               | Job Location  | 130 Liberty Street |
| Collected    | 9/2/2005                                |               |                    |
| Rotometer    | Standard                                |               |                    |

|          |                                |        |     |
|----------|--------------------------------|--------|-----|
| Lab ID   | 010503427-0005                 | Matrix | Air |
| Field ID | M-090205-1331                  |        |     |
| Location | Washington Street/Cedar 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, Total    | 16:24        | 16:21      | 4           | 5748          | <0.87         | µg/m3        | 0.87       | 500        |             |
| Beryllium, Total | 16:24        | 16:21      | 4           | 5748          | <0.035        | µg/m3        | 0.035      | 1          |             |
| Cadmium, Total   | 16:24        | 16:21      | 4           | 5748          | <0.035        | µg/m3        | 0.035      | 2.5        |             |
| Chromium, Total  | 16:24        | 16:21      | 4           | 5748          | <0.087        | µg/m3        | 0.087      | 500        |             |
| Copper, Total    | 16:24        | 16:21      | 4           | 5748          | <0.17         | µg/m3        | 0.17       | 500        |             |
| Lead, Total      | 16:24        | 16:21      | 4           | 5748          | <0.087        | µg/m3        | 0.087      | 30         |             |
| Manganese, Total | 16:24        | 16:21      | 4           | 5748          | <0.13         | µg/m3        | 0.13       | 1000       |             |
| Nickel, Total    | 16:24        | 16:21      | 4           | 5748          | <0.17         | µg/m3        | 0.17       | 500        |             |
| Zinc, Total      | 16:24        | 16:21      | 4           | 5748          | <0.17         | µg/m3        | 0.17       | 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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