

LMDC Summary of Metals in Air

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

| <u>Date Collected</u> | <u>Sample Location</u> | <u>Parameter</u> | <u>Results</u> | <u>Units</u> | <u>CC</u> | <u>Flag</u> |
|-----------------------|---------------------------------|------------------|----------------|-------------------|-----------|-------------|
| 7/1/05 | Washington Street/Albany Street | Barium, Total | <0.87 | µg/m ³ | 500 | |
| 7/1/05 | Washington Street/Albany Street | Beryllium, Total | <0.035 | µg/m ³ | 1 | |
| 7/1/05 | Washington Street/Albany Street | Cadmium, Total | <0.035 | µg/m ³ | 2.5 | |
| 7/1/05 | Washington Street/Albany Street | Chromium, Total | <0.087 | µg/m ³ | 500 | |
| 7/1/05 | Washington Street/Albany Street | Copper, Total | <0.17 | µg/m ³ | 500 | |
| 7/1/05 | Washington Street/Albany Street | Lead, Total | <0.087 | µg/m ³ | 30 | |
| 7/1/05 | Washington Street/Albany Street | Manganese, Total | <0.13 | µg/m ³ | 1000 | |
| 7/1/05 | Washington Street/Albany Street | Nickel, Total | <0.17 | µg/m ³ | 500 | |
| 7/1/05 | Washington Street/Albany Street | Zinc, Total | <0.17 | µg/m ³ | 2500 | |
| 7/1/05 | Albany Street/Greenwich Street | Barium, Total | <0.87 | µg/m ³ | 500 | |
| 7/1/05 | Albany Street/Greenwich Street | Beryllium, Total | <0.035 | µg/m ³ | 1 | |
| 7/1/05 | Albany Street/Greenwich Street | Cadmium, Total | <0.035 | µg/m ³ | 2.5 | |
| 7/1/05 | Albany Street/Greenwich Street | Chromium, Total | <0.087 | µg/m ³ | 500 | |
| 7/1/05 | Albany Street/Greenwich Street | Copper, Total | <0.17 | µg/m ³ | 500 | |
| 7/1/05 | Albany Street/Greenwich Street | Lead, Total | <0.087 | µg/m ³ | 30 | |
| 7/1/05 | Albany Street/Greenwich Street | Manganese, Total | <0.13 | µg/m ³ | 1000 | |
| 7/1/05 | Albany Street/Greenwich Street | Nickel, Total | <0.17 | µg/m ³ | 500 | |
| 7/1/05 | Albany Street/Greenwich Street | Zinc, Total | <0.17 | µg/m ³ | 2500 | |
| 7/1/05 | Greenwich Street | Barium, Total | <0.87 | µg/m ³ | 500 | |
| 7/1/05 | Greenwich Street | Beryllium, Total | <0.035 | µg/m ³ | 1 | |
| 7/1/05 | Greenwich Street | Cadmium, Total | <0.035 | µg/m ³ | 2.5 | |
| 7/1/05 | Greenwich Street | Chromium, Total | <0.087 | µg/m ³ | 500 | |
| 7/1/05 | Greenwich Street | Copper, Total | <0.17 | µg/m ³ | 500 | |
| 7/1/05 | Greenwich Street | Lead, Total | <0.087 | µg/m ³ | 30 | |
| 7/1/05 | Greenwich Street | Manganese, Total | <0.13 | µg/m ³ | 1000 | |
| 7/1/05 | Greenwich Street | Nickel, Total | <0.17 | µg/m ³ | 500 | |
| 7/1/05 | Greenwich Street | Zinc, Total | <0.17 | µg/m ³ | 2500 | |
| 7/1/05 | Greenwich Street/Liberty Street | Barium, Total | <0.87 | µg/m ³ | 500 | |
| 7/1/05 | Greenwich Street/Liberty Street | Beryllium, Total | <0.035 | µg/m ³ | 1 | |
| 7/1/05 | Greenwich Street/Liberty Street | Cadmium, Total | <0.035 | µg/m ³ | 2.5 | |
| 7/1/05 | Greenwich Street/Liberty Street | Chromium, Total | <0.087 | µg/m ³ | 500 | |
| 7/1/05 | Greenwich Street/Liberty Street | Copper, Total | <0.17 | µg/m ³ | 500 | |
| 7/1/05 | Greenwich Street/Liberty Street | Lead, Total | <0.087 | µg/m ³ | 30 | |
| 7/1/05 | Greenwich Street/Liberty Street | Manganese, Total | <0.13 | µg/m ³ | 1000 | |
| 7/1/05 | Greenwich Street/Liberty Street | Nickel, Total | <0.17 | µg/m ³ | 500 | |
| 7/1/05 | Greenwich Street/Liberty Street | Zinc, Total | <0.17 | µg/m ³ | 2500 | |
| 7/1/05 | Washington Street/Cedar Street | Barium, Total | <0.87 | µg/m ³ | 500 | |
| 7/1/05 | Washington Street/Cedar Street | Beryllium, Total | <0.035 | µg/m ³ | 1 | |
| 7/1/05 | Washington Street/Cedar Street | Cadmium, Total | <0.035 | µg/m ³ | 2.5 | |
| 7/1/05 | Washington Street/Cedar Street | Chromium, Total | <0.087 | µg/m ³ | 500 | |
| 7/1/05 | Washington Street/Cedar Street | Copper, Total | <0.17 | µg/m ³ | 500 | |
| 7/1/05 | Washington Street/Cedar Street | Lead, Total | <0.087 | µg/m ³ | 30 | |
| 7/1/05 | Washington Street/Cedar Street | Manganese, Total | <0.13 | µg/m ³ | 1000 | |
| 7/1/05 | Washington Street/Cedar Street | Nickel, Total | <0.17 | µg/m ³ | 500 | |
| 7/1/05 | Washington Street/Cedar Street | Zinc, Total | <0.17 | µg/m ³ | 2500 | |
| 7/2/05 | Washington Street/Albany Street | Barium, Total | <0.87 | µg/m ³ | 500 | |
| 7/2/05 | Washington Street/Albany Street | Beryllium, Total | <0.035 | µg/m ³ | 1 | |

CC = Comparison Criteria
 >CC = Exceeds Comparison Criteria

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|-----------------------|---------------------------------|------------------|----------------|-------------------|-----------|-------------|
| 7/2/05 | Washington Street/Albany Street | Cadmium, Total | <0.035 | µg/m ³ | 2.5 | |
| 7/2/05 | Washington Street/Albany Street | Chromium, Total | <0.087 | µg/m ³ | 500 | |
| 7/2/05 | Washington Street/Albany Street | Copper, Total | <0.17 | µg/m ³ | 500 | |
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| 7/2/05 | Washington Street/Albany Street | Nickel, Total | <0.17 | µg/m ³ | 500 | |
| 7/2/05 | Washington Street/Albany Street | Zinc, Total | <0.17 | µg/m ³ | 2500 | |
| 7/2/05 | Albany Street/Greenwich Street | Barium, Total | <0.87 | µg/m ³ | 500 | |
| 7/2/05 | Albany Street/Greenwich Street | Beryllium, Total | <0.035 | µg/m ³ | 1 | |
| 7/2/05 | Albany Street/Greenwich Street | Cadmium, Total | <0.035 | µg/m ³ | 2.5 | |
| 7/2/05 | Albany Street/Greenwich Street | Chromium, Total | <0.087 | µg/m ³ | 500 | |
| 7/2/05 | Albany Street/Greenwich Street | Copper, Total | <0.17 | µg/m ³ | 500 | |
| 7/2/05 | Albany Street/Greenwich Street | Lead, Total | <0.087 | µg/m ³ | 30 | |
| 7/2/05 | Albany Street/Greenwich Street | Manganese, Total | <0.13 | µg/m ³ | 1000 | |
| 7/2/05 | Albany Street/Greenwich Street | Nickel, Total | <0.17 | µg/m ³ | 500 | |
| 7/2/05 | Albany Street/Greenwich Street | Zinc, Total | <0.17 | µg/m ³ | 2500 | |
| 7/2/05 | Greenwich Street | Barium, Total | <0.87 | µg/m ³ | 500 | |
| 7/2/05 | Greenwich Street | Beryllium, Total | <0.035 | µg/m ³ | 1 | |
| 7/2/05 | Greenwich Street | Cadmium, Total | <0.035 | µg/m ³ | 2.5 | |
| 7/2/05 | Greenwich Street | Chromium, Total | <0.087 | µg/m ³ | 500 | |
| 7/2/05 | Greenwich Street | Copper, Total | <0.17 | µg/m ³ | 500 | |
| 7/2/05 | Greenwich Street | Lead, Total | <0.087 | µg/m ³ | 30 | |
| 7/2/05 | Greenwich Street | Manganese, Total | <0.13 | µg/m ³ | 1000 | |
| 7/2/05 | Greenwich Street | Nickel, Total | <0.17 | µg/m ³ | 500 | |
| 7/2/05 | Greenwich Street | Zinc, Total | <0.17 | µg/m ³ | 2500 | |
| 7/2/05 | Greenwich Street/Liberty Street | Barium, Total | <0.87 | µg/m ³ | 500 | |
| 7/2/05 | Greenwich Street/Liberty Street | Beryllium, Total | <0.035 | µg/m ³ | 1 | |
| 7/2/05 | Greenwich Street/Liberty Street | Cadmium, Total | <0.035 | µg/m ³ | 2.5 | |
| 7/2/05 | Greenwich Street/Liberty Street | Chromium, Total | <0.087 | µg/m ³ | 500 | |
| 7/2/05 | Greenwich Street/Liberty Street | Copper, Total | <0.17 | µg/m ³ | 500 | |
| 7/2/05 | Greenwich Street/Liberty Street | Lead, Total | <0.087 | µg/m ³ | 30 | |
| 7/2/05 | Greenwich Street/Liberty Street | Manganese, Total | <0.13 | µg/m ³ | 1000 | |
| 7/2/05 | Greenwich Street/Liberty Street | Nickel, Total | <0.17 | µg/m ³ | 500 | |
| 7/2/05 | Greenwich Street/Liberty Street | Zinc, Total | <0.17 | µg/m ³ | 2500 | |
| 7/2/05 | Washington Street/Cedar Street | Barium, Total | <0.87 | µg/m ³ | 500 | |
| 7/2/05 | Washington Street/Cedar Street | Beryllium, Total | <0.035 | µg/m ³ | 1 | |
| 7/2/05 | Washington Street/Cedar Street | Cadmium, Total | <0.035 | µg/m ³ | 2.5 | |
| 7/2/05 | Washington Street/Cedar Street | Chromium, Total | <0.087 | µg/m ³ | 500 | |
| 7/2/05 | Washington Street/Cedar Street | Copper, Total | <0.17 | µg/m ³ | 500 | |
| 7/2/05 | Washington Street/Cedar Street | Lead, Total | <0.087 | µg/m ³ | 30 | |
| 7/2/05 | Washington Street/Cedar Street | Manganese, Total | <0.13 | µg/m ³ | 1000 | |
| 7/2/05 | Washington Street/Cedar Street | Nickel, Total | <0.17 | µg/m ³ | 500 | |
| 7/2/05 | Washington Street/Cedar Street | Zinc, Total | <0.17 | µg/m ³ | 2500 | |
| 7/3/05 | Washington Street/Albany Street | Barium, Total | <0.87 | µg/m ³ | 500 | |
| 7/3/05 | Washington Street/Albany Street | Beryllium, Total | <0.035 | µg/m ³ | 1 | |
| 7/3/05 | Washington Street/Albany Street | Cadmium, Total | <0.035 | µg/m ³ | 2.5 | |
| 7/3/05 | Washington Street/Albany Street | Chromium, Total | <0.087 | µg/m ³ | 500 | |
| 7/3/05 | Washington Street/Albany Street | Copper, Total | <0.17 | µg/m ³ | 500 | |

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|-----------------------|---------------------------------|------------------|----------------|-------------------|-----------|-------------|
| 7/3/05 | Washington Street/Albany Street | Lead, Total | <0.087 | µg/m ³ | 30 | |
| 7/3/05 | Washington Street/Albany Street | Manganese, Total | <0.13 | µg/m ³ | 1000 | |
| 7/3/05 | Washington Street/Albany Street | Nickel, Total | <0.17 | µg/m ³ | 500 | |
| 7/3/05 | Washington Street/Albany Street | Zinc, Total | <0.17 | µg/m ³ | 2500 | |
| 7/3/05 | Albany Street/Greenwich Street | Barium, Total | <0.87 | µg/m ³ | 500 | |
| 7/3/05 | Albany Street/Greenwich Street | Beryllium, Total | <0.035 | µg/m ³ | 1 | |
| 7/3/05 | Albany Street/Greenwich Street | Cadmium, Total | <0.035 | µg/m ³ | 2.5 | |
| 7/3/05 | Albany Street/Greenwich Street | Chromium, Total | <0.087 | µg/m ³ | 500 | |
| 7/3/05 | Albany Street/Greenwich Street | Copper, Total | <0.17 | µg/m ³ | 500 | |
| 7/3/05 | Albany Street/Greenwich Street | Lead, Total | <0.087 | µg/m ³ | 30 | |
| 7/3/05 | Albany Street/Greenwich Street | Manganese, Total | <0.13 | µg/m ³ | 1000 | |
| 7/3/05 | Albany Street/Greenwich Street | Nickel, Total | <0.17 | µg/m ³ | 500 | |
| 7/3/05 | Albany Street/Greenwich Street | Zinc, Total | <0.17 | µg/m ³ | 2500 | |
| 7/3/05 | Greenwich Street | Barium, Total | <0.89 | µg/m ³ | 500 | |
| 7/3/05 | Greenwich Street | Beryllium, Total | <0.036 | µg/m ³ | 1 | |
| 7/3/05 | Greenwich Street | Cadmium, Total | <0.036 | µg/m ³ | 2.5 | |
| 7/3/05 | Greenwich Street | Chromium, Total | <0.089 | µg/m ³ | 500 | |
| 7/3/05 | Greenwich Street | Copper, Total | <0.18 | µg/m ³ | 500 | |
| 7/3/05 | Greenwich Street | Lead, Total | <0.089 | µg/m ³ | 30 | |
| 7/3/05 | Greenwich Street | Manganese, Total | <0.13 | µg/m ³ | 1000 | |
| 7/3/05 | Greenwich Street | Nickel, Total | <0.18 | µg/m ³ | 500 | |
| 7/3/05 | Greenwich Street | Zinc, Total | <0.18 | µg/m ³ | 2500 | |
| 7/3/05 | Greenwich Street/Liberty Street | Barium, Total | <0.87 | µg/m ³ | 500 | |
| 7/3/05 | Greenwich Street/Liberty Street | Beryllium, Total | <0.035 | µg/m ³ | 1 | |
| 7/3/05 | Greenwich Street/Liberty Street | Cadmium, Total | <0.035 | µg/m ³ | 2.5 | |
| 7/3/05 | Greenwich Street/Liberty Street | Chromium, Total | <0.087 | µg/m ³ | 500 | |
| 7/3/05 | Greenwich Street/Liberty Street | Copper, Total | <0.17 | µg/m ³ | 500 | |
| 7/3/05 | Greenwich Street/Liberty Street | Lead, Total | <0.087 | µg/m ³ | 30 | |
| 7/3/05 | Greenwich Street/Liberty Street | Manganese, Total | <0.13 | µg/m ³ | 1000 | |
| 7/3/05 | Greenwich Street/Liberty Street | Nickel, Total | <0.17 | µg/m ³ | 500 | |
| 7/3/05 | Greenwich Street/Liberty Street | Zinc, Total | <0.17 | µg/m ³ | 2500 | |
| 7/3/05 | Washington Street/Cedar Street | Barium, Total | <0.87 | µg/m ³ | 500 | |
| 7/3/05 | Washington Street/Cedar Street | Beryllium, Total | <0.035 | µg/m ³ | 1 | |
| 7/3/05 | Washington Street/Cedar Street | Cadmium, Total | <0.035 | µg/m ³ | 2.5 | |
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| 7/3/05 | Washington Street/Cedar Street | Manganese, Total | <0.13 | µg/m ³ | 1000 | |
| 7/3/05 | Washington Street/Cedar Street | Nickel, Total | <0.17 | µg/m ³ | 500 | |
| 7/3/05 | Washington Street/Cedar Street | Zinc, Total | <0.17 | µg/m ³ | 2500 | |
| 7/4/05 | Washington Street/Albany Street | Barium, Total | <0.87 | µg/m ³ | 500 | |
| 7/4/05 | Washington Street/Albany Street | Beryllium, Total | <0.035 | µg/m ³ | 1 | |
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| 7/4/05 | Greenwich Street/Liberty Street | Beryllium, Total | <0.035 | µg/m ³ | 1 | |
| 7/4/05 | Greenwich Street/Liberty Street | Cadmium, Total | <0.035 | µg/m ³ | 2.5 | |
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| 7/4/05 | Greenwich Street/Liberty Street | Lead, Total | <0.087 | µg/m ³ | 30 | |
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| 7/4/05 | Greenwich Street/Liberty Street | Nickel, Total | <0.17 | µg/m ³ | 500 | |
| 7/4/05 | Greenwich Street/Liberty Street | Zinc, Total | <0.17 | µg/m ³ | 2500 | |
| 7/4/05 | Washington Street/Cedar Street | Barium, Total | <0.87 | µg/m ³ | 500 | |
| 7/4/05 | Washington Street/Cedar Street | Beryllium, Total | <0.035 | µg/m ³ | 1 | |
| 7/4/05 | Washington Street/Cedar Street | Cadmium, Total | <0.035 | µg/m ³ | 2.5 | |
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