

## Daily Performance Report

**Sample ID: DPC**

Sample Date/Time: Thursday, May 30, 2002 12:30:49

Sample Description: DAILY PERFORMANCE CHECK

Method File: c:\winnt\profiles\lrd1\elandata\Method\DAIly PERF TO SAVE REPORT.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\daily\DPC.081

Tuning File: c:\winnt\profiles\lrd1\elandata\Tuning\default.tun

Optimization File: c:\winnt\profiles\lrd1\elandata\Optimize\default.dac

Dual Detector Mode: Pulse

Acq. Dead Time(ns): 55

Current Dead Time (ns): 55

### Summary

| Analyte | Mass  | Meas. Intens. | Mean     | Net Intens. | Mean | Net Intens. | SD | Net Intens. | RSD |
|---------|-------|---------------|----------|-------------|------|-------------|----|-------------|-----|
| Mg      | 24.0  |               | 46773.4  | 46773.418   | ✓    | 120.205     |    | 0.3         |     |
| Rh      | 102.9 |               | 256814.1 | 256814.138  | ✓    | 1424.050    |    | 0.6         |     |
| In      | 114.9 |               | 332972.4 | 332972.404  | ✓    | 1681.818    |    | 0.5         |     |
| Pb      | 208.0 |               | 214595.9 | 214595.914  | ✓    | 1524.717    |    | 0.7         |     |
| [> Ba   | 137.9 |               | 287025.7 | 287025.709  | ✓    | 1263.602    |    | 0.4         |     |
| [ Ba++  | 69.0  |               | 3257.3   | 0.011       | ✓    | 0.000       |    | 0.3         |     |
| [> Ce   | 139.9 |               | 359089.5 | 359089.492  | ✓    | 2484.441    |    | 0.7         |     |
| [ CeO   | 155.9 |               | 10199.5  | 0.028       | ✓    | 0.000       |    | 0.8         |     |
| Bkgd    | 220.0 |               | 6.6      | 6.633       |      | 0.447       |    | 6.7         |     |

**Current Optimization File Data**

| Current Value | Description             |
|---------------|-------------------------|
| 0.88          | Nebulizer Gas Flow      |
| 7.75          | Lens Voltage            |
| 1000.00       | ICP RF Power            |
| -2000.00      | Analog Stage Voltage    |
| 1700.00       | Pulse Stage Voltage     |
| 70.00         | Discriminator Threshold |
| -6.00         | AC Rod Offset           |
| 60.00         | Service DAC 1           |
| 0.00          | Quadrupole Rod Offset   |

**Current Autolens Data**

| Analyte | Mass | Num of Pts | DAC Value | Maximum Intensity |
|---------|------|------------|-----------|-------------------|
| Be      | 9    | 25         | 7.3       | 4316.7            |
| Co      | 59   | 25         | 7.8       | 146686.3          |
| In      | 115  | 25         | 8.0       | 475106.5          |

# WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH

## Method 200.8 - Summary Report

**Sample ID: Blank**

Sample Date/Time: Thursday, May 30, 2002 13:16:39

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\Blank.409

Aliquot Volume (mL):

Diluted To Volume (mL):

|                  |         |
|------------------|---------|
| DATE ANALYZED    | 5/30/02 |
| TIME ANALYZED    | 1:16 PM |
| ANALYST INITIALS | LD      |
| REVIEWED BY      | AB      |

### Concentration Results

|   | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|---|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [ | Be      | 9    | 6.000              | 28.868            |                  |            |           | ug/L        |
| > | Li      | 6    | 71636.194          | 0.693             |                  |            |           | ug/L        |
| > | Sc-1    | 45   | 490131.830         | 0.583             |                  |            |           | ug/L        |
|   | Cr      | 52   | 8041.638           | 3.378             |                  |            |           | ug/L        |
|   | Cr      | 53   | 478.684            | 8.620             |                  |            |           | ug/L        |
|   | Mn      | 55   | 1338.779           | 9.218             |                  |            |           | ug/L        |
|   | Co      | 59   | 144.669            | 13.230            |                  |            |           | ug/L        |
|   | Ni      | 60   | 64.668             | 14.368            |                  |            |           | ug/L        |
|   | Cu      | 63   | 395.013            | 3.781             |                  |            |           | ug/L        |
| [ | Cu      | 65   | 162.670            | 6.065             |                  |            |           | ug/L        |
| [ | Zn      | 66   | 874.384            | 1.578             |                  |            |           | ug/L        |
|   | Zn      | 67   | 161.003            | 12.092            |                  |            |           | ug/L        |
|   | Zn      | 68   | 641.029            | 4.699             |                  |            |           | ug/L        |
| > | Ge      | 72   | 96951.197          | 0.063             |                  |            |           | ug/L        |
|   | As      | 75   | 164.579            | 15.448            |                  |            |           | ug/L        |
|   | Se      | 77   | 131.541            | 13.533            |                  |            |           | ug/L        |
| [ | Se      | 82   | 8.676              | 151.320           |                  |            |           | ug/L        |
|   | As-1    | 75   | 96.668             | 12.935            |                  |            |           | ug/L        |
|   | Kr      | 83   | 152.336            | 1.003             |                  |            |           | ug/L        |
| [ | Ag      | 107  | 943.392            | 8.213             |                  |            |           | ug/L        |
|   | Cd      | 111  | 28.667             | 46.059            |                  |            |           | ug/L        |
|   | Cd      | 114  | 64.144             | 5.648             |                  |            |           | ug/L        |
| > | In      | 115  | 1243488.509        | 0.848             |                  |            |           | ug/L        |
|   | Sb      | 121  | 41.667             | 15.615            |                  |            |           | ug/L        |
| [ | Sb      | 123  | 34.152             | 11.744            |                  |            |           | ug/L        |
| [ | Ba      | 135  | 34.667             | 8.813             |                  |            |           | ug/L        |
|   | Ba      | 137  | 51.001             | 3.396             |                  |            |           | ug/L        |
|   | Ho      | 165  | 1779100.842        | 1.342             |                  |            |           | ug/L        |
| > | Tb      | 159  | 1778384.032        | 0.443             |                  |            |           | ug/L        |
|   | Hg      | 201  | 44.001             | 21.680            |                  |            |           | ug/L        |
|   | Hg      | 202  | 82.335             | 26.172            |                  |            |           | ug/L        |
|   | Tl      | 205  | 673.699            | 17.187            |                  |            |           | ug/L        |
| [ | Pb      | 208  | 3689.668           | 11.851            |                  |            |           | ug/L        |

Reviewed by,  
C/B 7/20/02

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### QC Calculated Values

|   | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|---|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ | Be      | 9    |                   |                    |                  |                 |                  |
| > | Li      | 6    |                   |                    |                  |                 |                  |
| > | Sc-1    | 45   |                   |                    |                  |                 |                  |
|   | Cr      | 52   |                   |                    |                  |                 |                  |
|   | Cr      | 53   |                   |                    |                  |                 |                  |
|   | Mn      | 55   |                   |                    |                  |                 |                  |
|   | Co      | 59   |                   |                    |                  |                 |                  |
|   | Ni      | 60   |                   |                    |                  |                 |                  |
|   | Cu      | 63   |                   |                    |                  |                 |                  |
|   | Cu      | 65   |                   |                    |                  |                 |                  |
|   | Zn      | 66   |                   |                    |                  |                 |                  |
|   | Zn      | 67   |                   |                    |                  |                 |                  |
|   | Zn      | 68   |                   |                    |                  |                 |                  |
| > | Ge      | 72   |                   |                    |                  |                 |                  |
|   | As      | 75   |                   |                    |                  |                 |                  |
|   | Se      | 77   |                   |                    |                  |                 |                  |
|   | Se      | 82   |                   |                    |                  |                 |                  |
|   | As-1    | 75   |                   |                    |                  |                 |                  |
|   | Kr      | 83   |                   |                    |                  |                 |                  |
|   | Ag      | 107  |                   |                    |                  |                 |                  |
|   | Cd      | 111  |                   |                    |                  |                 |                  |
|   | Cd      | 114  |                   |                    |                  |                 |                  |
| > | In      | 115  |                   |                    |                  |                 |                  |
|   | Sb      | 121  |                   |                    |                  |                 |                  |
|   | Sb      | 123  |                   |                    |                  |                 |                  |
|   | Ba      | 135  |                   |                    |                  |                 |                  |
|   | Ba      | 137  |                   |                    |                  |                 |                  |
|   | Ho      | 165  |                   |                    |                  |                 |                  |
| > | Tb      | 159  |                   |                    |                  |                 |                  |
|   | Hg      | 201  |                   |                    |                  |                 |                  |
|   | Hg      | 202  |                   |                    |                  |                 |                  |
|   | Tl      | 205  |                   |                    |                  |                 |                  |
|   | Pb      | 208  |                   |                    |                  |                 |                  |

### Calibration

|   | Analyte | MassCurve Type     | Correlation Coefficient |
|---|---------|--------------------|-------------------------|
|   | Be      | 9Linear Thru Zero  | 0.999993                |
| > | Li      | 6Linear Thru Zero  |                         |
| > | Sc-1    | 45Linear Thru Zero |                         |
|   | Cr      | 52Linear Thru Zero | 0.999996                |
|   | Cr      | 53Linear Thru Zero | 0.999995                |
|   | Mn      | 55Linear Thru Zero | 0.999997                |
|   | Co      | 59Linear Thru Zero | 0.999999                |
|   | Ni      | 60Linear Thru Zero | 0.999980                |
|   | Cu      | 63Linear Thru Zero | 0.999990                |
|   | Cu      | 65Linear Thru Zero | 0.999997                |
|   | Zn      | 66Linear Thru Zero | 0.999967                |
|   | Zn      | 67Linear Thru Zero | 0.999990                |
|   | Zn      | 68Linear Thru Zero | 0.999970                |
| > | Ge      | 72Linear Thru Zero |                         |
|   | As      | 75Linear Thru Zero | 1.000000                |

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|   |      |                     |          |
|---|------|---------------------|----------|
|   | Se   | 77Linear Thru Zero  | 0.999982 |
| - | Se   | 82Linear Thru Zero  | 0.999954 |
|   | As-1 | 75Linear Thru Zero  | 0.999996 |
|   | Kr   | 83Linear Thru Zero  |          |
| - | Ag   | 107Linear Thru Zero | 0.999929 |
|   | Cd   | 111Linear Thru Zero | 0.999996 |
|   | Cd   | 114Linear Thru Zero | 0.999995 |
| > | In   | 115Linear Thru Zero |          |
|   | Sb   | 121Linear Thru Zero | 0.999993 |
|   | Sb   | 123Linear Thru Zero | 0.999998 |
| : | Ba   | 135Linear Thru Zero | 0.999990 |
|   | Ba   | 137Linear Thru Zero | 0.999996 |
|   | Ho   | 165Linear Thru Zero |          |
| > | Tb   | 159Linear Thru Zero |          |
|   | Hg   | 201Linear Thru Zero | 0.999588 |
|   | Hg   | 202Linear Thru Zero | 0.999895 |
|   | Tl   | 205Linear Thru Zero | 0.999998 |
| . | Pb   | 208Linear Thru Zero | 0.999993 |

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## Method 200.8 - Summary Report

### Sample ID: Standard 1

Sample Date/Time: Thursday, May 30, 2002 13:20:20

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\Standard 1.410

Aliquot Volume (mL):

Diluted To Volume (mL):

### Concentration Results

|    | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|----|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [  | Be      | 9    | 14220.923          | 0.648             | 0.199            | 28.72475   | 0.96      | ug/L        |
| [> | Li      | 6    | 71405.728          | 0.865             | 71405.728        |            |           | ug/L        |
| [> | Sc-1    | 45   | 492358.140         | 0.606             | 492358.140       |            |           | ug/L        |
|    | Cr      | 52   | 305886.607         | 1.333             | 0.605            | 29.30012   | 0.96      | ug/L        |
|    | Cr      | 53   | 36111.302          | 2.487             | 0.072            | 29.56478   | 2.02      | ug/L        |
|    | Mn      | 55   | 511437.747         | 1.662             | 1.036            | 30.07959   | 1.13      | ug/L        |
|    | Co      | 59   | 356662.095         | 1.583             | 0.724            | 29.74540   | 1.01      | ug/L        |
|    | Ni      | 60   | 72842.764          | 1.364             | 0.148            | 29.64323   | 0.94      | ug/L        |
|    | Cu      | 63   | 153851.169         | 0.687             | 0.312            | 29.63677   | 0.31      | ug/L        |
| [  | Cu      | 65   | 73691.909          | 1.362             | 0.149            | 29.16216   | 0.77      | ug/L        |
| [  | Zn      | 66   | 51697.107          | 1.285             | 0.528            | 31.50517   | 1.35      | ug/L        |
|    | Zn      | 67   | 9003.213           | 0.681             | 0.092            | 31.09481   | 1.81      | ug/L        |
|    | Zn      | 68   | 38198.466          | 0.464             | 0.390            | 31.30712   | 0.98      | ug/L        |
| [> | Ge      | 72   | 96299.717          | 1.370             | 96299.717        |            |           | ug/L        |
|    | As      | 75   | 59005.084          | 1.604             | 0.611            | 29.99414   | 1.19      | ug/L        |
|    | Se      | 77   | 5568.644           | 1.842             | 0.056            | 29.85739   | 0.70      | ug/L        |
| [  | Se      | 82   | 6351.417           | 2.072             | 0.066            | 29.22004   | 1.17      | ug/L        |
|    | As-1    | 75   | 56905.459          | 0.985             | 56808.791        | 30.24159   | 0.99      | ug/L        |
|    | Kr      | 83   | 150.003            | 7.572             | -2.333           |            |           | ug/L        |
| [  | Ag      | 107  | 312502.215         | 1.465             | 0.246            | 31.15686   | 2.97      | ug/L        |
|    | Cd      | 111  | 80126.719          | 0.962             | 0.063            | 30.27566   | 1.26      | ug/L        |
|    | Cd      | 114  | 184955.957         | 1.785             | 0.146            | 29.99922   | 0.80      | ug/L        |
| [> | In      | 115  | 1266322.366        | 2.016             | 1266322.366      |            |           | ug/L        |
|    | Sb      | 121  | 242729.536         | 2.226             | 0.192            | 28.71848   | 0.34      | ug/L        |
| [  | Sb      | 123  | 183930.998         | 1.317             | 0.145            | 28.45859   | 1.24      | ug/L        |
| [  | Ba      | 135  | 72413.667          | 0.972             | 0.040            | 30.65859   | 0.57      | ug/L        |
|    | Ba      | 137  | 126622.500         | 1.761             | 0.070            | 30.58183   | 1.55      | ug/L        |
|    | Ho      | 165  | 1803281.585        | 1.704             | 0.001            |            |           | ug/L        |
| [> | Tb      | 159  | 1800771.420        | 0.533             | 1800771.420      |            |           | ug/L        |
|    | Hg      | 201  | 2559.053           | 2.444             | 0.001            | 1.97619    | 2.33      | ug/L        |
|    | Hg      | 202  | 5745.873           | 0.954             | 0.003            | 1.93186    | 0.44      | ug/L        |
|    | Tl      | 205  | 830323.594         | 0.544             | 0.461            | 29.77605   | 0.16      | ug/L        |
| [  | Pb      | 208  | 1135708.390        | 1.269             | 0.629            | 29.73391   | 1.03      | ug/L        |

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### QC Calculated Values

|   | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|---|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ | Be      | 9    |                   |                    |                  |                 |                  |
| > | Li      | 6    |                   |                    |                  |                 |                  |
| > | Sc-1    | 45   |                   |                    |                  |                 |                  |
|   | Cr      | 52   |                   |                    |                  |                 |                  |
|   | Cr      | 53   |                   |                    |                  |                 |                  |
|   | Mn      | 55   |                   |                    |                  |                 |                  |
|   | Co      | 59   |                   |                    |                  |                 |                  |
|   | Ni      | 60   |                   |                    |                  |                 |                  |
|   | Cu      | 63   |                   |                    |                  |                 |                  |
|   | Cu      | 65   |                   |                    |                  |                 |                  |
|   | Zn      | 66   |                   |                    |                  |                 |                  |
|   | Zn      | 67   |                   |                    |                  |                 |                  |
|   | Zn      | 68   |                   |                    |                  |                 |                  |
| > | Ge      | 72   |                   |                    |                  |                 |                  |
|   | As      | 75   |                   |                    |                  |                 |                  |
|   | Se      | 77   |                   |                    |                  |                 |                  |
|   | Se      | 82   |                   |                    |                  |                 |                  |
|   | As-1    | 75   |                   |                    |                  |                 |                  |
|   | Kr      | 83   |                   |                    |                  |                 |                  |
|   | Ag      | 107  |                   |                    |                  |                 |                  |
|   | Cd      | 111  |                   |                    |                  |                 |                  |
|   | Cd      | 114  |                   |                    |                  |                 |                  |
| > | In      | 115  |                   |                    |                  |                 |                  |
|   | Sb      | 121  |                   |                    |                  |                 |                  |
|   | Sb      | 123  |                   |                    |                  |                 |                  |
|   | Ba      | 135  |                   |                    |                  |                 |                  |
|   | Ba      | 137  |                   |                    |                  |                 |                  |
|   | Ho      | 165  |                   |                    |                  |                 |                  |
| > | Tb      | 159  |                   |                    |                  |                 |                  |
|   | Hg      | 201  |                   |                    |                  |                 |                  |
|   | Hg      | 202  |                   |                    |                  |                 |                  |
|   | Tl      | 205  |                   |                    |                  |                 |                  |
|   | Pb      | 208  |                   |                    |                  |                 |                  |

### Calibration

|   | Analyte | Mass | Curve Type       | Correlation Coefficient |
|---|---------|------|------------------|-------------------------|
|   | Be      | 9    | Linear Thru Zero | 0.999774                |
| > | Li      | 6    | Linear Thru Zero |                         |
| > | Sc-1    | 45   | Linear Thru Zero |                         |
|   | Cr      | 52   | Linear Thru Zero | 0.999932                |
|   | Cr      | 53   | Linear Thru Zero | 0.999974                |
|   | Mn      | 55   | Linear Thru Zero | 0.999999                |
|   | Co      | 59   | Linear Thru Zero | 0.999991                |
|   | Ni      | 60   | Linear Thru Zero | 0.999982                |
|   | Cu      | 63   | Linear Thru Zero | 0.999982                |
|   | Cu      | 65   | Linear Thru Zero | 0.999903                |
|   | Zn      | 66   | Linear Thru Zero | 0.999685                |
|   | Zn      | 67   | Linear Thru Zero | 0.999834                |
|   | Zn      | 68   | Linear Thru Zero | 0.999763                |
| > | Ge      | 72   | Linear Thru Zero |                         |
|   | As      | 75   | Linear Thru Zero | 1.000000                |

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|      |                     |          |
|------|---------------------|----------|
| Se   | 77Linear Thru Zero  | 0.999997 |
| Se   | 82Linear Thru Zero  | 0.999916 |
| As-1 | 75Linear Thru Zero  | 0.999992 |
| Kr   | 83Linear Thru Zero  |          |
| Ag   | 107Linear Thru Zero | 0.999814 |
| Cd   | 111Linear Thru Zero | 0.999989 |
| Cd   | 114Linear Thru Zero | 1.000000 |
| > In | 115Linear Thru Zero |          |
| Sb   | 121Linear Thru Zero | 0.999772 |
| Sb   | 123Linear Thru Zero | 0.999670 |
| Ba   | 135Linear Thru Zero | 0.999940 |
| Ba   | 137Linear Thru Zero | 0.999953 |
| Ho   | 165Linear Thru Zero |          |
| > Tb | 159Linear Thru Zero |          |
| Hg   | 201Linear Thru Zero | 0.999989 |
| Hg   | 202Linear Thru Zero | 0.999907 |
| Tl   | 205Linear Thru Zero | 0.999993 |
| Pb   | 208Linear Thru Zero | 0.999990 |

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Sample ID: Standard 1

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# WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH

## Method 200.8 - Summary Report

### Sample ID: Standard 2

Sample Date/Time: Thursday, May 30, 2002 13:23:27

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\Standard 2.411

Aliquot Volume (mL):

Diluted To Volume (mL):

### Concentration Results

|   | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|---|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [ | Be      | 9    | 27717.808          | 1.596             | 0.399            | 60.01074   | 1.29      | ug/L        |
| > | Li      | 6    | 69538.325          | 1.119             | 69538.325        |            |           | ug/L        |
| > | Sc-1    | 45   | 480190.632         | 1.242             | 480190.632       |            |           | ug/L        |
|   | Cr      | 52   | 595051.121         | 0.633             | 1.223            | 60.12936   | 0.65      | ug/L        |
|   | Cr      | 53   | 71275.389          | 1.202             | 0.147            | 60.22304   | 0.19      | ug/L        |
|   | Mn      | 55   | 992960.295         | 0.880             | 2.065            | 59.96067   | 0.56      | ug/L        |
|   | Co      | 59   | 702155.241         | 1.165             | 1.462            | 60.11359   | 0.17      | ug/L        |
|   | Ni      | 60   | 142876.732         | 2.064             | 0.297            | 60.07153   | 1.08      | ug/L        |
|   | Cu      | 63   | 299754.489         | 2.156             | 0.623            | 60.00085   | 0.95      | ug/L        |
|   | Cu      | 65   | 143410.164         | 1.190             | 0.298            | 59.98607   | 0.39      | ug/L        |
|   | Zn      | 66   | 98212.003          | 1.009             | 1.029            | 59.68976   | 1.37      | ug/L        |
|   | Zn      | 67   | 17119.944          | 0.916             | 0.179            | 59.70554   | 0.69      | ug/L        |
|   | Zn      | 68   | 72879.691          | 0.329             | 0.764            | 59.74202   | 1.59      | ug/L        |
| > | Ge      | 72   | 94627.282          | 1.465             | 94627.282        |            |           | ug/L        |
|   | As      | 75   | 116591.327         | 0.766             | 1.231            | 60.08272   | 1.35      | ug/L        |
|   | Se      | 77   | 10789.458          | 0.456             | 0.113            | 59.97320   | 1.78      | ug/L        |
|   | Se      | 82   | 12749.257          | 1.575             | 0.135            | 60.26091   | 0.22      | ug/L        |
|   | As-1    | 75   | 112039.316         | 0.768             | 111942.648       | 59.82099   | 0.77      | ug/L        |
|   | Kr      | 83   | 156.336            | 3.523             | 4.000            |            |           | ug/L        |
|   | Ag      | 107  | 615409.504         | 1.066             | 0.501            | 60.21109   | 1.32      | ug/L        |
|   | Cd      | 111  | 154709.905         | 0.718             | 0.126            | 59.96093   | 0.74      | ug/L        |
|   | Cd      | 114  | 360557.562         | 1.673             | 0.294            | 60.07617   | 0.58      | ug/L        |
| > | In      | 115  | 1226619.144        | 1.461             | 1226619.144      |            |           | ug/L        |
|   | Sb      | 121  | 486878.907         | 1.143             | 0.397            | 60.41559   | 1.55      | ug/L        |
|   | Sb      | 123  | 375043.751         | 1.026             | 0.306            | 60.60568   | 1.37      | ug/L        |
|   | Ba      | 135  | 142456.347         | 1.274             | 0.081            | 60.01935   | 0.58      | ug/L        |
|   | Ba      | 137  | 250250.299         | 0.971             | 0.141            | 60.07484   | 1.19      | ug/L        |
|   | Ho      | 165  | 1767350.308        | 0.994             | -0.001           |            |           | ug/L        |
| > | Tb      | 159  | 1768949.729        | 1.543             | 1768949.729      |            |           | ug/L        |
|   | Hg      | 201  | 5997.705           | 1.541             | 0.003            | 4.97452    | 0.45      | ug/L        |
|   | Hg      | 202  | 13616.327          | 1.484             | 0.008            | 4.98115    | 0.56      | ug/L        |
|   | Tl      | 205  | 1622547.579        | 1.636             | 0.917            | 59.94236   | 2.35      | ug/L        |
|   | Pb      | 208  | 2209292.629        | 0.924             | 1.247            | 59.90182   | 1.19      | ug/L        |

Sample ID: Standard 2

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# **QC Calculated Values**

|   | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rei. % Diff |
|---|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ | Be      | 9    |                   |                    |                  |                 |                  |
| > | Li      | 6    |                   |                    |                  |                 |                  |
| > | Sc-1    | 45   |                   |                    |                  |                 |                  |
|   | Cr      | 52   |                   |                    |                  |                 |                  |
|   | Cr      | 53   |                   |                    |                  |                 |                  |
|   | Mn      | 55   |                   |                    |                  |                 |                  |
|   | Co      | 59   |                   |                    |                  |                 |                  |
|   | Ni      | 60   |                   |                    |                  |                 |                  |
|   | Cu      | 63   |                   |                    |                  |                 |                  |
|   | Cu      | 65   |                   |                    |                  |                 |                  |
|   | Zn      | 66   |                   |                    |                  |                 |                  |
|   | Zn      | 67   |                   |                    |                  |                 |                  |
|   | Zn      | 68   |                   |                    |                  |                 |                  |
| > | Ge      | 72   |                   |                    |                  |                 |                  |
|   | As      | 75   |                   |                    |                  |                 |                  |
|   | Se      | 77   |                   |                    |                  |                 |                  |
|   | Se      | 82   |                   |                    |                  |                 |                  |
|   | As-1    | 75   |                   |                    |                  |                 |                  |
|   | Kr      | 83   |                   |                    |                  |                 |                  |
|   | Ag      | 107  |                   |                    |                  |                 |                  |
|   | Cd      | 111  |                   |                    |                  |                 |                  |
|   | Cd      | 114  |                   |                    |                  |                 |                  |
| > | In      | 115  |                   |                    |                  |                 |                  |
|   | Sb      | 121  |                   |                    |                  |                 |                  |
|   | Sb      | 123  |                   |                    |                  |                 |                  |
|   | Ba      | 135  |                   |                    |                  |                 |                  |
|   | Ba      | 137  |                   |                    |                  |                 |                  |
|   | Ho      | 165  |                   |                    |                  |                 |                  |
| > | Tb      | 159  |                   |                    |                  |                 |                  |
|   | Hg      | 201  |                   |                    |                  |                 |                  |
|   | Hg      | 202  |                   |                    |                  |                 |                  |
|   | Tl      | 205  |                   |                    |                  |                 |                  |
|   | Pb      | 208  |                   |                    |                  |                 |                  |

## **Calibration**

|   | Analyte | Mass | Curve Type       | Correlation Coefficient |
|---|---------|------|------------------|-------------------------|
|   | Be      | 9    | Linear Thru Zero | 1.000000                |
| > | Li      | 6    | Linear Thru Zero |                         |
| > | Sc-1    | 45   | Linear Thru Zero |                         |
|   | Cr      | 52   | Linear Thru Zero | 0.999991                |
|   | Cr      | 53   | Linear Thru Zero | 0.999972                |
|   | Mn      | 55   | Linear Thru Zero | 0.999999                |
|   | Co      | 59   | Linear Thru Zero | 0.999993                |
|   | Ni      | 60   | Linear Thru Zero | 0.999997                |
|   | Cu      | 63   | Linear Thru Zero | 1.000000                |
|   | Cu      | 65   | Linear Thru Zero | 1.000000                |
|   | Zn      | 66   | Linear Thru Zero | 0.999947                |
|   | Zn      | 67   | Linear Thru Zero | 0.999952                |
|   | Zn      | 68   | Linear Thru Zero | 0.999963                |
| > | Ge      | 72   | Linear Thru Zero |                         |
|   | As      | 75   | Linear Thru Zero | 0.999996                |

Sample ID: Standard 2

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|      |                     |          |
|------|---------------------|----------|
| Se   | 77Linear Thru Zero  | 1.000000 |
| Se   | 82Linear Thru Zero  | 0.999962 |
| As-1 | 75Linear Thru Zero  | 0.999982 |
| Kr   | 83Linear Thru Zero  |          |
| Ag   | 107Linear Thru Zero | 0.999975 |
| Cd   | 111Linear Thru Zero | 0.999999 |
| Cd   | 114Linear Thru Zero | 0.999997 |
| > In | 115Linear Thru Zero |          |
| Sb   | 121Linear Thru Zero | 0.999904 |
| Sb   | 123Linear Thru Zero | 0.999796 |
| Ba   | 135Linear Thru Zero | 1.000000 |
| Ba   | 137Linear Thru Zero | 0.999997 |
| Ho   | 165Linear Thru Zero |          |
| > Tb | 159Linear Thru Zero |          |
| Hg   | 201Linear Thru Zero | 0.999919 |
| Hg   | 202Linear Thru Zero | 0.999956 |
| Tl   | 205Linear Thru Zero | 0.999998 |
| Pb   | 208Linear Thru Zero | 0.999995 |

Sample ID: Standard 2

Report Date/Time: Thursday, May 30, 2002 13:25:23

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**WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH****Method 200.8 - Summary Report****Sample ID: ICV CAL BK**

Sample Date/Time: Thursday, May 30, 2002 13:28:18

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\ICV CAL BK.412

Aliquot Volume (mL):

Diluted To Volume (mL):

**Concentration Results**

|   | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|---|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [ | Be      | 9    | 5.667              | 10.189            | -0.000           | -0.00049   | 242.37    | ug/L        |
| > | Li      | 6    | 70378.750          | 0.688             | 70378.750        |            |           | ug/L        |
| > | Sc-1    | 45   | 489777.914         | 0.667             | 489777.914       |            |           | ug/L        |
|   | Cr      | 52   | 7369.393           | 0.891             | -0.001           | -0.06686   | 16.37     | ug/L        |
|   | Cr      | 53   | 535.688            | 4.559             | 0.000            | 0.04787    | 44.90     | ug/L        |
|   | Mn      | 55   | 2000.240           | 3.173             | 0.001            | 0.03928    | 10.12     | ug/L        |
|   | Co      | 59   | 85.335             | 9.967             | -0.000           | -0.00497   | 14.33     | ug/L        |
|   | Ni      | 60   | 76.334             | 13.885            | 0.000            | 0.00485    | 94.31     | ug/L        |
|   | Cu      | 63   | 435.015            | 4.947             | 0.000            | 0.00791    | 51.28     | ug/L        |
|   | Cu      | 65   | 169.003            | 5.645             | 0.000            | 0.00264    | 140.83    | ug/L        |
|   | Zn      | 66   | 921.389            | 2.133             | 0.001            | 0.03882    | 19.52     | ug/L        |
|   | Zn      | 67   | 208.005            | 35.431            | 0.001            | 0.17696    | 150.40    | ug/L        |
|   | Zn      | 68   | 682.032            | 2.053             | 0.001            | 0.04376    | 14.31     | ug/L        |
| > | Ge      | 72   | 95101.498          | 1.072             | 95101.498        |            |           | ug/L        |
|   | As      | 75   | 153.896            | 29.149            | -0.000           | -0.00391   | 584.63    | ug/L        |
|   | Se      | 77   | 124.435            | 7.734             | -0.000           | -0.02552   | 222.91    | ug/L        |
|   | Se      | 82   | -10.679            | 171.438           | -0.000           | -0.08992   | 94.87     | ug/L        |
|   | As-1    | 75   | 106.335            | 18.000            | 9.667            | 0.00517    | 198.00    | ug/L        |
|   | Kr      | 83   | 154.670            | 6.379             | 2.333            |            |           | ug/L        |
|   | Ag      | 107  | 2073.258           | 8.876             | 0.001            | 0.10981    | 16.04     | ug/L        |
|   | Cd      | 111  | 39.667             | 18.922            | 0.000            | 0.00425    | 66.70     | ug/L        |
|   | Cd      | 114  | 79.982             | 10.134            | 0.000            | 0.00265    | 51.66     | ug/L        |
| > | In      | 115  | 1239628.683        | 0.303             | 1239628.683      |            |           | ug/L        |
|   | Sb      | 121  | 59.001             | 35.024            | 0.000            | 0.00215    | 119.03    | ug/L        |
|   | Sb      | 123  | 43.819             | 27.771            | 0.000            | 0.00156    | 125.09    | ug/L        |
|   | Ba      | 135  | 36.000             | 28.191            | 0.000            | 0.00048    | 918.17    | ug/L        |
|   | Ba      | 137  | 60.334             | 19.635            | 0.000            | 0.00210    | 125.38    | ug/L        |
|   | Ho      | 165  | 1797645.798        | 0.917             | 0.003            |            |           | ug/L        |
| > | Tb      | 159  | 1791862.808        | 1.722             | 1791862.808      |            |           | ug/L        |
|   | Hg      | 201  | 90.335             | 15.111            | 0.000            | 0.00784    | 26.86     | ug/L        |
|   | Hg      | 202  | 169.337            | 24.136            | 0.000            | 0.00125    | 44.62     | ug/L        |
|   | Tl      | 205  | 1109.746           | 4.858             | 0.000            | 0.001575   | 16.47     | ug/L        |
|   | Pb      | 208  | 2496.494           | 1.885             | -0.001           | -0.03273   | 2.95      | ug/L        |

Sample ID: ICV CAL BK

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**QC Calculated Values**

|   | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rei. % Diff |
|---|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ | Be      | 9    |                   |                    |                  |                 |                  |
| > | Li      | 6    |                   | 98.245             |                  |                 |                  |
| > | Sc-1    | 45   |                   | 99.928             |                  |                 |                  |
|   | Cr      | 52   |                   |                    |                  |                 |                  |
|   | Cr      | 53   |                   |                    |                  |                 |                  |
|   | Mn      | 55   |                   |                    |                  |                 |                  |
|   | Co      | 59   |                   |                    |                  |                 |                  |
|   | Ni      | 60   |                   |                    |                  |                 |                  |
|   | Cu      | 63   |                   |                    |                  |                 |                  |
|   | Cu      | 65   |                   |                    |                  |                 |                  |
|   | Zn      | 66   |                   |                    |                  |                 |                  |
|   | Zn      | 67   |                   |                    |                  |                 |                  |
|   | Zn      | 68   |                   |                    |                  |                 |                  |
| > | Ge      | 72   |                   | 98.092             |                  |                 |                  |
|   | As      | 75   |                   |                    |                  |                 |                  |
|   | Se      | 77   |                   |                    |                  |                 |                  |
|   | Se      | 82   |                   |                    |                  |                 |                  |
|   | As-1    | 75   |                   |                    |                  |                 |                  |
|   | Kr      | 83   |                   |                    |                  |                 |                  |
|   | Ag      | 107  |                   |                    |                  |                 |                  |
|   | Cd      | 111  |                   |                    |                  |                 |                  |
|   | Cd      | 114  |                   |                    |                  |                 |                  |
| > | In      | 115  |                   | 99.690             |                  |                 |                  |
|   | Sb      | 121  |                   |                    |                  |                 |                  |
|   | Sb      | 123  |                   |                    |                  |                 |                  |
|   | Ba      | 135  |                   |                    |                  |                 |                  |
|   | Ba      | 137  |                   |                    |                  |                 |                  |
|   | Ho      | 165  |                   |                    |                  |                 |                  |
| > | Tb      | 159  |                   | 100.758            |                  |                 |                  |
|   | Hg      | 201  |                   |                    |                  |                 |                  |
|   | Hg      | 202  |                   |                    |                  |                 |                  |
|   | Tl      | 205  |                   |                    |                  |                 |                  |
|   | Pb      | 208  |                   |                    |                  |                 |                  |

**Calibration**

|   | Analyte | MassCurve Type     | Correlation Coefficient |
|---|---------|--------------------|-------------------------|
|   | Be      | 9Linear Thru Zero  | 1.000000                |
| > | Li      | 6Linear Thru Zero  |                         |
| > | Sc-1    | 45Linear Thru Zero |                         |
|   | Cr      | 52Linear Thru Zero | 0.999991                |
|   | Cr      | 53Linear Thru Zero | 0.999972                |
|   | Mn      | 55Linear Thru Zero | 0.999999                |
|   | Co      | 59Linear Thru Zero | 0.999993                |
|   | Ni      | 60Linear Thru Zero | 0.999997                |
|   | Cu      | 63Linear Thru Zero | 1.000000                |
|   | Cu      | 65Linear Thru Zero | 1.000000                |
|   | Zn      | 66Linear Thru Zero | 0.999947                |
|   | Zn      | 67Linear Thru Zero | 0.999952                |
|   | Zn      | 68Linear Thru Zero | 0.999963                |
| > | Ge      | 72Linear Thru Zero |                         |
|   | As      | 75Linear Thru Zero | 0.999996                |

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|      |                     |          |
|------|---------------------|----------|
| Se   | 77Linear Thru Zero  | 1.000000 |
| Se   | 82Linear Thru Zero  | 0.999962 |
| As-1 | 75Linear Thru Zero  | 0.999982 |
| Kr   | 83Linear Thru Zero  |          |
| Ag   | 107Linear Thru Zero | 0.999975 |
| Cd   | 111Linear Thru Zero | 0.999999 |
| Cd   | 114Linear Thru Zero | 0.999997 |
| > In | 115Linear Thru Zero |          |
| Sb   | 121Linear Thru Zero | 0.999904 |
| Sb   | 123Linear Thru Zero | 0.999796 |
| Ba   | 135Linear Thru Zero | 1.000000 |
| Ba   | 137Linear Thru Zero | 0.999997 |
| Ho   | 165Linear Thru Zero |          |
| > Tb | 159Linear Thru Zero |          |
| Hg   | 201Linear Thru Zero | 0.999919 |
| Hg   | 202Linear Thru Zero | 0.999956 |
| Tl   | 205Linear Thru Zero | 0.999998 |
| Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: ICV CAL BK

Report Date/Time: Thursday, May 30, 2002 13:30:43

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**WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH****Method 200.8 - Summary Report****Sample ID: ICV STD1 30+2 PPB**

Sample Date/Time: Thursday, May 30, 2002 13:31:53

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\ICV STD1 30+2 PPB.413

Aliquot Volume (mL):

Diluted To Volume (mL):

**Concentration Results**

|   | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|---|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [ | Be      | 9    | 13858.364          | 2.249             | 0.198            | 29.88511   | 2.25      | ug/L        |
| > | Li      | 6    | 69816.553          | 2.680             | 69816.553        |            |           | ug/L        |
| > | Sc-1    | 45   | 483831.260         | 0.808             | 483831.260       |            |           | ug/L        |
|   | Cr      | 52   | 302244.646         | 1.226             | 0.608            | 29.90979   | 0.78      | ug/L        |
|   | Cr      | 53   | 35509.576          | 1.089             | 0.072            | 29.57536   | 0.43      | ug/L        |
|   | Mn      | 55   | 496352.100         | 0.837             | 1.023            | 29.70598   | 0.07      | ug/L        |
|   | Co      | 59   | 346532.136         | 1.214             | 0.716            | 29.43776   | 0.75      | ug/L        |
|   | Ni      | 60   | 71510.908          | 1.440             | 0.148            | 29.82716   | 0.64      | ug/L        |
|   | Cu      | 63   | 151427.284         | 0.672             | 0.312            | 30.04651   | 0.37      | ug/L        |
|   | Cu      | 65   | 71895.308          | 2.156             | 0.148            | 29.81036   | 1.37      | ug/L        |
|   | Zn      | 66   | 50422.284          | 0.448             | 0.519            | 30.10045   | 1.85      | ug/L        |
|   | Zn      | 67   | 8777.992           | 2.658             | 0.090            | 30.04851   | 1.98      | ug/L        |
|   | Zn      | 68   | 37278.988          | 0.966             | 0.384            | 30.01453   | 1.77      | ug/L        |
| > | Ge      | 72   | 95533.054          | 1.742             | 95533.054        |            |           | ug/L        |
|   | As      | 75   | 57378.506          | 1.287             | 0.599            | 29.24430   | 0.61      | ug/L        |
|   | Se      | 77   | 5368.405           | 0.612             | 0.055            | 29.19068   | 1.42      | ug/L        |
|   | Se      | 82   | 6219.973           | 1.003             | 0.065            | 29.10354   | 1.16      | ug/L        |
|   | As-1    | 75   | 55225.465          | 1.107             | 55128.797        | 29.46026   | 1.11      | ug/L        |
|   | Kr      | 83   | 152.003            | 8.084             | -0.333           |            |           | ug/L        |
|   | Ag      | 107  | 305113.638         | 1.991             | 0.245            | 29.44503   | 1.61      | ug/L        |
|   | Cd      | 111  | 77806.326          | 0.654             | 0.063            | 29.78745   | 0.44      | ug/L        |
|   | Cd      | 114  | 179900.448         | 0.567             | 0.145            | 29.61216   | 0.62      | ug/L        |
| > | In      | 115  | 1241487.857        | 1.047             | 1241487.857      |            |           | ug/L        |
|   | Sb      | 121  | 238106.758         | 0.914             | 0.192            | 29.18702   | 0.59      | ug/L        |
|   | Sb      | 123  | 180925.159         | 0.989             | 0.146            | 28.88228   | 1.11      | ug/L        |
|   | Ba      | 135  | 70489.957          | 1.171             | 0.040            | 29.55343   | 0.95      | ug/L        |
|   | Ba      | 137  | 123956.711         | 1.426             | 0.070            | 29.61139   | 1.44      | ug/L        |
|   | Ho      | 165  | 1760871.848        | 0.771             | -0.010           |            |           | ug/L        |
| > | Tb      | 159  | 1777120.475        | 0.505             | 1777120.475      |            |           | ug/L        |
|   | Hg      | 201  | 2470.360           | 1.859             | 0.001            | 2.01783    | 1.40      | ug/L        |
|   | Hg      | 202  | 5606.452           | 2.933             | 0.003            | 2.02355    | 2.49      | ug/L        |
|   | Tl      | 205  | 805669.801         | 1.174             | 0.453            | 29.60903   | 0.76      | ug/L        |
|   | Pb      | 208  | 1105976.644        | 1.664             | 0.620            | 29.79636   | 1.65      | ug/L        |

✓

Sample ID: ICV STD1 30+2 PPB

Report Date/Time: Thursday, May 30, 2002 13:34:14

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### QC Calculated Values

|   | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|---|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ | Be      | 9    |                   |                    |                  |                 |                  |
| > | Li      | 6    |                   | 97.460             |                  |                 |                  |
| > | Sc-1    | 45   |                   | 98.715             |                  |                 |                  |
|   | Cr      | 52   |                   |                    |                  |                 |                  |
|   | Cr      | 53   |                   |                    |                  |                 |                  |
|   | Mn      | 55   |                   |                    |                  |                 |                  |
|   | Co      | 59   |                   |                    |                  |                 |                  |
|   | Ni      | 60   |                   |                    |                  |                 |                  |
|   | Cu      | 63   |                   |                    |                  |                 |                  |
|   | Cu      | 65   |                   |                    |                  |                 |                  |
|   | Zn      | 66   |                   |                    |                  |                 |                  |
|   | Zn      | 67   |                   |                    |                  |                 |                  |
|   | Zn      | 68   |                   |                    |                  |                 |                  |
| > | Ge      | 72   |                   | 98.537             |                  |                 |                  |
|   | As      | 75   |                   |                    |                  |                 |                  |
|   | Se      | 77   |                   |                    |                  |                 |                  |
|   | Se      | 82   |                   |                    |                  |                 |                  |
|   | As-1    | 75   |                   |                    |                  |                 |                  |
|   | Kr      | 83   |                   |                    |                  |                 |                  |
|   | Ag      | 107  |                   |                    |                  |                 |                  |
|   | Cd      | 111  |                   |                    |                  |                 |                  |
|   | Cd      | 114  |                   |                    |                  |                 |                  |
| > | In      | 115  |                   | 99.839             |                  |                 |                  |
|   | Sb      | 121  |                   |                    |                  |                 |                  |
|   | Sb      | 123  |                   |                    |                  |                 |                  |
|   | Ba      | 135  |                   |                    |                  |                 |                  |
|   | Ba      | 137  |                   |                    |                  |                 |                  |
|   | Ho      | 165  |                   |                    |                  |                 |                  |
| > | Tb      | 159  |                   | 99.929             |                  |                 |                  |
|   | Hg      | 201  |                   |                    |                  |                 |                  |
|   | Hg      | 202  |                   |                    |                  |                 |                  |
|   | Tl      | 205  |                   |                    |                  |                 |                  |
|   | Pb      | 208  |                   |                    |                  |                 |                  |

### Calibration

|   | Analyte | MassCurve Type     | Correlation Coefficient |
|---|---------|--------------------|-------------------------|
|   | Be      | 9Linear Thru Zero  | 1.000000                |
| > | Li      | 6Linear Thru Zero  |                         |
| > | Sc-1    | 45Linear Thru Zero |                         |
|   | Cr      | 52Linear Thru Zero | 0.999991                |
|   | Cr      | 53Linear Thru Zero | 0.999972                |
|   | Mn      | 55Linear Thru Zero | 0.999999                |
|   | Co      | 59Linear Thru Zero | 0.999993                |
|   | Ni      | 60Linear Thru Zero | 0.999997                |
|   | Cu      | 63Linear Thru Zero | 1.000000                |
|   | Cu      | 65Linear Thru Zero | 1.000000                |
|   | Zn      | 66Linear Thru Zero | 0.999947                |
|   | Zn      | 67Linear Thru Zero | 0.999952                |
|   | Zn      | 68Linear Thru Zero | 0.999963                |
| > | Ge      | 72Linear Thru Zero |                         |
|   | As      | 75Linear Thru Zero | 0.999996                |

Sample ID: ICV STD1 30+2 PPB

Report Date/Time: Thursday, May 30, 2002 13:34:14

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|      |                     |          |
|------|---------------------|----------|
| Se   | 77Linear Thru Zero  | 1.000000 |
| Se   | 82Linear Thru Zero  | 0.999962 |
| As-1 | 75Linear Thru Zero  | 0.999982 |
| Kr   | 83Linear Thru Zero  |          |
| Ag   | 107Linear Thru Zero | 0.999975 |
| Cd   | 111Linear Thru Zero | 0.999999 |
| Cd   | 114Linear Thru Zero | 0.999997 |
| > In | 115Linear Thru Zero |          |
| Sb   | 121Linear Thru Zero | 0.999904 |
| Sb   | 123Linear Thru Zero | 0.999796 |
| Ba   | 135Linear Thru Zero | 1.000000 |
| Ba   | 137Linear Thru Zero | 0.999997 |
| Ho   | 165Linear Thru Zero |          |
| > Tb | 159Linear Thru Zero |          |
| Hg   | 201Linear Thru Zero | 0.999919 |
| Hg   | 202Linear Thru Zero | 0.999956 |
| Tl   | 205Linear Thru Zero | 0.999998 |
| Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: ICV STD1 30+2 PPB

Report Date/Time: Thursday, May 30, 2002 13:34:14

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**WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH****Method 200.8 - Summary Report****Sample ID: ICV STD2 60+5 PPB**

Sample Date/Time: Thursday, May 30, 2002 13:35:13

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\ICV STD2 60+5 PPB.414

Aliquot Volume (mL):

Diluted To Volume (mL):

**Concentration Results**

|    | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|----|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [  | Be      | 9    | 27376.777          | 1.961             | 0.397            | 59.76439   | 1.80      | ug/L        |
| [> | Li      | 6    | 68963.612          | 0.223             | 68963.612        |            |           | ug/L        |
| [> | Sc-1    | 45   | 480950.681         | 1.704             | 480950.681       |            |           | ug/L        |
|    | Cr      | 52   | 589437.919         | 0.689             | 1.209            | 59.46297   | 1.04      | ug/L        |
|    | Cr      | 53   | 70111.720          | 1.358             | 0.145            | 59.14227   | 0.85      | ug/L        |
|    | Mn      | 55   | 982840.093         | 1.463             | 2.041            | 59.25767   | 1.34      | ug/L        |
|    | Co      | 59   | 687826.084         | 0.581             | 1.430            | 58.80232   | 1.47      | ug/L        |
|    | Ni      | 60   | 139662.101         | 1.134             | 0.290            | 58.63788   | 1.63      | ug/L        |
|    | Cu      | 63   | 296339.948         | 1.323             | 0.615            | 59.23503   | 1.72      | ug/L        |
|    | Cu      | 65   | 142322.549         | 0.903             | 0.296            | 59.44128   | 0.80      | ug/L        |
|    | Zn      | 66   | 96086.417          | 0.379             | 1.014            | 58.79583   | 0.29      | ug/L        |
|    | Zn      | 67   | 16681.462          | 2.090             | 0.176            | 58.57188   | 2.03      | ug/L        |
|    | Zn      | 68   | 72260.113          | 0.812             | 0.762            | 59.64165   | 0.79      | ug/L        |
| [> | Ge      | 72   | 93965.057          | 0.136             | 93965.057        |            |           | ug/L        |
|    | As      | 75   | 114251.424         | 1.518             | 1.214            | 59.28463   | 1.60      | ug/L        |
|    | Se      | 77   | 10834.783          | 0.843             | 0.114            | 60.64769   | 0.92      | ug/L        |
|    | Se      | 82   | 12471.916          | 0.927             | 0.133            | 59.36587   | 1.03      | ug/L        |
|    | As-1    | 75   | 109786.069         | 0.991             | 109689.401       | 58.61687   | 0.99      | ug/L        |
|    | Kr      | 83   | 149.336            | 6.076             | -3.000           |            |           | ug/L        |
| [  | Ag      | 107  | 607754.566         | 1.168             | 0.502            | 60.27730   | 1.43      | ug/L        |
|    | Cd      | 111  | 154021.417         | 1.121             | 0.127            | 60.51079   | 0.72      | ug/L        |
|    | Cd      | 114  | 354374.096         | 1.379             | 0.293            | 59.85719   | 0.71      | ug/L        |
| [> | In      | 115  | 1210045.695        | 1.555             | 1210045.695      |            |           | ug/L        |
|    | Sb      | 121  | 483721.714         | 1.072             | 0.400            | 60.84412   | 1.03      | ug/L        |
|    | Sb      | 123  | 369890.591         | 1.436             | 0.306            | 60.58670   | 0.41      | ug/L        |
| [  | Ba      | 135  | 139840.470         | 1.070             | 0.080            | 59.49364   | 0.52      | ug/L        |
|    | Ba      | 137  | 244481.752         | 2.030             | 0.140            | 59.25506   | 0.62      | ug/L        |
|    | Ho      | 165  | 1743248.572        | 2.335             | -0.005           |            |           | ug/L        |
| [> | Tb      | 159  | 1751808.095        | 1.409             | 1751808.095      |            |           | ug/L        |
|    | Hg      | 201  | 5874.623           | 1.203             | 0.003            | 4.91998    | 1.14      | ug/L        |
|    | Hg      | 202  | 13552.898          | 0.879             | 0.008            | 5.00681    | 0.65      | ug/L        |
|    | Tl      | 205  | 1585098.114        | 1.315             | 0.904            | 59.12172   | 0.20      | ug/L        |
|    | Pb      | 208  | 2175041.155        | 0.974             | 1.240            | 59.54642   | 0.57      | ug/L        |

Sample ID: ICV STD2 60+5 PPB

Report Date/Time: Thursday, May 30, 2002 13:37:39

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### QC Calculated Values

|    | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|----|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [  | Be      | 9    |                   |                    |                  |                 |                  |
| [> | Li      | 6    |                   | 96.269             |                  |                 |                  |
| [> | Sc-1    | 45   |                   | 98.127             |                  |                 |                  |
|    | Cr      | 52   |                   |                    |                  |                 |                  |
|    | Cr      | 53   |                   |                    |                  |                 |                  |
|    | Mn      | 55   |                   |                    |                  |                 |                  |
|    | Co      | 59   |                   |                    |                  |                 |                  |
|    | Ni      | 60   |                   |                    |                  |                 |                  |
|    | Cu      | 63   |                   |                    |                  |                 |                  |
|    | Cu      | 65   |                   |                    |                  |                 |                  |
|    | Zn      | 66   |                   |                    |                  |                 |                  |
|    | Zn      | 67   |                   |                    |                  |                 |                  |
|    | Zn      | 68   |                   |                    |                  |                 |                  |
| [> | Ge      | 72   |                   | 96.920             |                  |                 |                  |
|    | As      | 75   |                   |                    |                  |                 |                  |
|    | Se      | 77   |                   |                    |                  |                 |                  |
|    | Se      | 82   |                   |                    |                  |                 |                  |
|    | As-1    | 75   |                   |                    |                  |                 |                  |
|    | Kr      | 83   |                   |                    |                  |                 |                  |
| [  | Ag      | 107  |                   |                    |                  |                 |                  |
|    | Cd      | 111  |                   |                    |                  |                 |                  |
|    | Cd      | 114  |                   |                    |                  |                 |                  |
| [> | In      | 115  |                   | 97.311             |                  |                 |                  |
|    | Sb      | 121  |                   |                    |                  |                 |                  |
|    | Sb      | 123  |                   |                    |                  |                 |                  |
|    | Ba      | 135  |                   |                    |                  |                 |                  |
|    | Ba      | 137  |                   |                    |                  |                 |                  |
|    | Ho      | 165  |                   |                    |                  |                 |                  |
| [> | Tb      | 159  |                   | 98.506             |                  |                 |                  |
|    | Hg      | 201  |                   |                    |                  |                 |                  |
|    | Hg      | 202  |                   |                    |                  |                 |                  |
|    | Tl      | 205  |                   |                    |                  |                 |                  |
|    | Pb      | 208  |                   |                    |                  |                 |                  |

### Calibration

|   | Analyte | Mass | Curve Type       | Correlation Coefficient |
|---|---------|------|------------------|-------------------------|
|   | Be      | 9    | Linear Thru Zero | 1.000000                |
| > | Li      | 6    | Linear Thru Zero |                         |
| > | Sc-1    | 45   | Linear Thru Zero |                         |
|   | Cr      | 52   | Linear Thru Zero | 0.999991                |
|   | Cr      | 53   | Linear Thru Zero | 0.999972                |
|   | Mn      | 55   | Linear Thru Zero | 0.999999                |
|   | Co      | 59   | Linear Thru Zero | 0.999993                |
|   | Ni      | 60   | Linear Thru Zero | 0.999997                |
|   | Cu      | 63   | Linear Thru Zero | 1.000000                |
|   | Cu      | 65   | Linear Thru Zero | 1.000000                |
|   | Zn      | 66   | Linear Thru Zero | 0.999947                |
|   | Zn      | 67   | Linear Thru Zero | 0.999952                |
|   | Zn      | 68   | Linear Thru Zero | 0.999963                |
| > | Ge      | 72   | Linear Thru Zero |                         |
|   | As      | 75   | Linear Thru Zero | 0.999996                |

Sample ID: ICV STD2 60+5 PPB

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|   |      |                     |          |
|---|------|---------------------|----------|
|   | Se   | 77Linear Thru Zero  | 1.000000 |
|   | Se   | 82Linear Thru Zero  | 0.999962 |
| - | As-1 | 75Linear Thru Zero  | 0.999982 |
| - | Kr   | 83Linear Thru Zero  |          |
| - | Ag   | 107Linear Thru Zero | 0.999975 |
|   | Cd   | 111Linear Thru Zero | 0.999999 |
|   | Cd   | 114Linear Thru Zero | 0.999997 |
| > | In   | 115Linear Thru Zero |          |
|   | Sb   | 121Linear Thru Zero | 0.999904 |
| " | Sb   | 123Linear Thru Zero | 0.999796 |
| " | Ba   | 135Linear Thru Zero | 1.000000 |
|   | Ba   | 137Linear Thru Zero | 0.999997 |
|   | Ho   | 165Linear Thru Zero |          |
| > | Tb   | 159Linear Thru Zero |          |
|   | Hg   | 201Linear Thru Zero | 0.999919 |
|   | Hg   | 202Linear Thru Zero | 0.999956 |
|   | Tl   | 205Linear Thru Zero | 0.999998 |
| . | Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: ICV STD2 60+5 PPB

Report Date/Time: Thursday, May 30, 2002 13:37:39

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# WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH

## Method 200.8 - Summary Report

**Sample ID: QCS 50+4 PPB**

Sample Date/Time: Thursday, May 30, 2002 13:38:36

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\QCS 50+4 PPB.415

Aliquot Volume (mL):

Diluted To Volume (mL):

### Concentration Results

|   | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|---|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [ | Be      | 9    | 22648.419          | 2.851             | 0.334            | 50.23204   | 1.48      | ug/L        |
| > | Li      | 6    | 67868.772          | 1.385             | 67868.772        |            |           | ug/L        |
| > | Sc-1    | 45   | 475091.584         | 0.872             | 475091.584       |            |           | ug/L        |
|   | Cr      | 52   | 502555.914         | 2.087             | 1.041            | 51.20422   | 1.41      | ug/L        |
|   | Cr      | 53   | 59521.201          | 2.111             | 0.124            | 50.76520   | 1.25      | ug/L        |
|   | Mn      | 55   | 833417.368         | 1.011             | 1.751            | 50.85269   | 0.45      | ug/L        |
|   | Co      | 59   | 585030.683         | 1.749             | 1.231            | 50.61901   | 0.90      | ug/L        |
|   | Ni      | 60   | 117621.386         | 1.978             | 0.247            | 49.98537   | 2.28      | ug/L        |
|   | Cu      | 63   | 249213.573         | 0.531             | 0.524            | 50.41235   | 0.58      | ug/L        |
|   | Cu      | 65   | 118359.090         | 1.227             | 0.249            | 50.02641   | 0.36      | ug/L        |
|   | Zn      | 66   | 85429.394          | 0.899             | 0.906            | 52.53698   | 0.34      | ug/L        |
|   | Zn      | 67   | 14987.495          | 0.921             | 0.159            | 52.89171   | 0.77      | ug/L        |
|   | Zn      | 68   | 63883.316          | 0.636             | 0.677            | 52.99136   | 0.35      | ug/L        |
| > | Ge      | 72   | 93396.919          | 0.582             | 93396.919        |            |           | ug/L        |
|   | As      | 75   | 97671.394          | 0.363             | 1.044            | 50.97807   | 0.33      | ug/L        |
|   | Se      | 77   | 9134.479           | 0.647             | 0.096            | 51.33344   | 1.13      | ug/L        |
|   | Se      | 82   | 10730.694          | 2.512             | 0.115            | 51.38273   | 2.45      | ug/L        |
|   | As-1    | 75   | 94087.347          | 1.037             | 93990.679        | 50.22764   | 1.04      | ug/L        |
|   | Kr      | 83   | 143.669            | 8.304             | -8.667           |            |           | ug/L        |
|   | Ag      | 107  | 521767.726         | 0.281             | 0.434            | 52.10129   | 0.91      | ug/L        |
|   | Cd      | 111  | 128088.354         | 0.713             | 0.107            | 50.67685   | 0.95      | ug/L        |
|   | Cd      | 114  | 297218.653         | 0.162             | 0.247            | 50.55768   | 0.51      | ug/L        |
| > | In      | 115  | 1201506.636        | 0.666             | 1201506.636      |            |           | ug/L        |
|   | Sb      | 121  | 414455.960         | 0.643             | 0.345            | 52.49856   | 0.80      | ug/L        |
|   | Sb      | 123  | 317815.525         | 0.572             | 0.264            | 52.42555   | 0.11      | ug/L        |
|   | Ba      | 135  | 117464.518         | 0.286             | 0.067            | 50.23845   | 1.12      | ug/L        |
|   | Ba      | 137  | 206385.525         | 0.598             | 0.118            | 50.28919   | 0.37      | ug/L        |
|   | Ho      | 165  | 1745978.873        | 0.834             | 0.002            |            |           | ug/L        |
| > | Tb      | 159  | 1742555.683        | 0.853             | 1742555.683      |            |           | ug/L        |
|   | Hg      | 201  | 5145.841           | 1.330             | 0.003            | 4.32787    | 0.99      | ug/L        |
|   | Hg      | 202  | 11666.934          | 2.341             | 0.007            | 4.32888    | 2.51      | ug/L        |
|   | Tl      | 205  | 1358716.646        | 0.895             | 0.779            | 50.94326   | 0.34      | ug/L        |
|   | Pb      | 208  | 1813318.775        | 1.259             | 1.039            | 49.88851   | 0.87      | ug/L        |

Sample ID: QCS 50+4 PPB

Report Date/Time: Thursday, May 30, 2002 13:41:04

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### QC Calculated Values

|   | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|---|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ | Be      | 9    |                   |                    |                  |                 |                  |
| > | Li      | 6    |                   | 94.741             |                  |                 |                  |
| > | Sc-1    | 45   |                   | 96.931             |                  |                 |                  |
|   | Cr      | 52   |                   |                    |                  |                 |                  |
|   | Cr      | 53   |                   |                    |                  |                 |                  |
|   | Mn      | 55   |                   |                    |                  |                 |                  |
|   | Co      | 59   |                   |                    |                  |                 |                  |
|   | Ni      | 60   |                   |                    |                  |                 |                  |
|   | Cu      | 63   |                   |                    |                  |                 |                  |
|   | Cu      | 65   |                   |                    |                  |                 |                  |
|   | Zn      | 66   |                   |                    |                  |                 |                  |
|   | Zn      | 67   |                   |                    |                  |                 |                  |
|   | Zn      | 68   |                   |                    |                  |                 |                  |
| > | Ge      | 72   |                   | 96.334             |                  |                 |                  |
|   | As      | 75   |                   |                    |                  |                 |                  |
|   | Se      | 77   |                   |                    |                  |                 |                  |
|   | Se      | 82   |                   |                    |                  |                 |                  |
|   | As-1    | 75   |                   |                    |                  |                 |                  |
|   | Kr      | 83   |                   |                    |                  |                 |                  |
|   | Ag      | 107  |                   |                    |                  |                 |                  |
|   | Cd      | 111  |                   |                    |                  |                 |                  |
|   | Cd      | 114  |                   |                    |                  |                 |                  |
| > | In      | 115  |                   | 96.624             |                  |                 |                  |
|   | Sb      | 121  |                   |                    |                  |                 |                  |
|   | Sb      | 123  |                   |                    |                  |                 |                  |
|   | Ba      | 135  |                   |                    |                  |                 |                  |
|   | Ba      | 137  |                   |                    |                  |                 |                  |
|   | Ho      | 165  |                   |                    |                  |                 |                  |
| > | Tb      | 159  |                   | 97.985             |                  |                 |                  |
|   | Hg      | 201  |                   |                    |                  |                 |                  |
|   | Hg      | 202  |                   |                    |                  |                 |                  |
|   | Tl      | 205  |                   |                    |                  |                 |                  |
|   | Pb      | 208  |                   |                    |                  |                 |                  |

### Calibration

|   | Analyte | Mass | Curve Type       | Correlation Coefficient |
|---|---------|------|------------------|-------------------------|
|   | Be      | 9    | Linear Thru Zero | 1.000000                |
| > | Li      | 6    | Linear Thru Zero |                         |
| > | Sc-1    | 45   | Linear Thru Zero |                         |
|   | Cr      | 52   | Linear Thru Zero | 0.999991                |
|   | Cr      | 53   | Linear Thru Zero | 0.999972                |
|   | Mn      | 55   | Linear Thru Zero | 0.999999                |
|   | Co      | 59   | Linear Thru Zero | 0.999993                |
|   | Ni      | 60   | Linear Thru Zero | 0.999997                |
|   | Cu      | 63   | Linear Thru Zero | 1.000000                |
|   | Cu      | 65   | Linear Thru Zero | 1.000000                |
|   | Zn      | 66   | Linear Thru Zero | 0.999947                |
|   | Zn      | 67   | Linear Thru Zero | 0.999952                |
|   | Zn      | 68   | Linear Thru Zero | 0.999963                |
| > | Ge      | 72   | Linear Thru Zero |                         |
|   | As      | 75   | Linear Thru Zero | 0.999996                |

Sample ID: QCS 50+4 PPB

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|      |                     |          |
|------|---------------------|----------|
| Se   | 77Linear Thru Zero  | 1.000000 |
| Se   | 82Linear Thru Zero  | 0.999962 |
| As-1 | 75Linear Thru Zero  | 0.999982 |
| Kr   | 83Linear Thru Zero  |          |
| Ag   | 107Linear Thru Zero | 0.999975 |
| Cd   | 111Linear Thru Zero | 0.999999 |
| Cd   | 114Linear Thru Zero | 0.999997 |
| > In | 115Linear Thru Zero |          |
| Sb   | 121Linear Thru Zero | 0.999904 |
| Sb   | 123Linear Thru Zero | 0.999796 |
| Ba   | 135Linear Thru Zero | 1.000000 |
| Ba   | 137Linear Thru Zero | 0.999997 |
| Ho   | 165Linear Thru Zero |          |
| > Tb | 159Linear Thru Zero |          |
| Hg   | 201Linear Thru Zero | 0.999919 |
| Hg   | 202Linear Thru Zero | 0.999956 |
| Tl   | 205Linear Thru Zero | 0.999998 |
| Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: QCS 50+4 PPB

Report Date/Time: Thursday, May 30, 2002 13:41:04

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**WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH****Method 200.8 - Summary Report****Sample ID: LFB 50+4 PPB**

Sample Date/Time: Thursday, May 30, 2002 13:42:00

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\LFB 50+4 PPB.416

Aliquot Volume (mL):

Diluted To Volume (mL):

**Concentration Results**

|   | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|---|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [ | Be      | 9    | 22183.924          | 0.912             | 0.330            | 49.74141   | 0.66      | ug/L        |
| > | Li      | 6    | 67140.691          | 0.303             | 67140.691        |            |           | ug/L        |
| > | Sc-1    | 45   | 473264.623         | 0.659             | 473264.623       |            |           | ug/L        |
| [ | Cr      | 52   | 487623.882         | 0.889             | 1.014            | 49.85971   | 1.54      | ug/L        |
|   | Cr      | 53   | 58471.356          | 0.489             | 0.123            | 50.06206   | 0.90      | ug/L        |
|   | Mn      | 55   | 817939.840         | 0.887             | 1.726            | 50.10109   | 1.03      | ug/L        |
|   | Co      | 59   | 570720.544         | 0.420             | 1.206            | 49.57426   | 0.34      | ug/L        |
|   | Ni      | 60   | 115594.496         | 1.256             | 0.244            | 49.31002   | 1.08      | ug/L        |
|   | Cu      | 63   | 245185.520         | 0.494             | 0.517            | 49.78770   | 0.64      | ug/L        |
|   | Cu      | 65   | 117128.271         | 1.075             | 0.247            | 49.69717   | 0.54      | ug/L        |
| [ | Zn      | 66   | 80048.021          | 0.751             | 0.856            | 49.64135   | 1.05      | ug/L        |
|   | Zn      | 67   | 13995.905          | 0.358             | 0.150            | 49.80410   | 1.03      | ug/L        |
|   | Zn      | 68   | 60396.564          | 0.089             | 0.646            | 50.52531   | 0.95      | ug/L        |
| > | Ge      | 72   | 92570.198          | 0.863             | 92570.198        |            |           | ug/L        |
|   | As      | 75   | 94860.026          | 0.842             | 1.023            | 49.95135   | 0.60      | ug/L        |
|   | Se      | 77   | 8895.715           | 0.898             | 0.095            | 50.42612   | 1.28      | ug/L        |
|   | Se      | 82   | 10375.768          | 1.920             | 0.112            | 50.12833   | 2.11      | ug/L        |
| [ | As-1    | 75   | 90588.345          | 0.395             | 90491.677        | 48.35781   | 0.40      | ug/L        |
|   | Kr      | 83   | 166.337            | 6.837             | 14.000           |            |           | ug/L        |
| [ | Ag      | 107  | 509148.635         | 1.046             | 0.421            | 50.63645   | 1.79      | ug/L        |
|   | Cd      | 111  | 125924.781         | 1.010             | 0.104            | 49.62242   | 1.65      | ug/L        |
|   | Cd      | 114  | 294103.122         | 0.586             | 0.244            | 49.82814   | 1.28      | ug/L        |
| > | In      | 115  | 1206367.889        | 0.819             | 1206367.889      |            |           | ug/L        |
|   | Sb      | 121  | 391666.290         | 0.670             | 0.325            | 49.41225   | 0.92      | ug/L        |
|   | Sb      | 123  | 299010.805         | 0.887             | 0.248            | 49.12425   | 0.30      | ug/L        |
| [ | Ba      | 135  | 115548.234         | 1.146             | 0.067            | 49.92001   | 1.99      | ug/L        |
|   | Ba      | 137  | 203338.756         | 1.056             | 0.118            | 50.04598   | 0.63      | ug/L        |
|   | Ho      | 165  | 1717262.312        | 1.025             | -0.005           |            |           | ug/L        |
| > | Tb      | 159  | 1725144.081        | 0.856             | 1725144.081      |            |           | ug/L        |
|   | Hg      | 201  | 4715.270           | 0.377             | 0.003            | 4.00317    | 0.50      | ug/L        |
|   | Hg      | 202  | 10777.494          | 1.676             | 0.006            | 4.03683    | 0.83      | ug/L        |
|   | Tl      | 205  | 1300460.844        | 1.363             | 0.753            | 49.24887   | 0.52      | ug/L        |
| [ | Pb      | 208  | 1779696.273        | 0.882             | 1.030            | 49.46092   | 1.56      | ug/L        |

Sample ID: LFB 50+4 PPB

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### QC Calculated Values

|   | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|---|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ | Be      | 9    |                   |                    |                  |                 |                  |
| > | Li      | 6    |                   | 93.725             |                  |                 |                  |
| > | Sc-1    | 45   |                   | 96.559             |                  |                 |                  |
|   | Cr      | 52   |                   |                    |                  |                 |                  |
|   | Cr      | 53   |                   |                    |                  |                 |                  |
|   | Mn      | 55   |                   |                    |                  |                 |                  |
|   | Co      | 59   |                   |                    |                  |                 |                  |
|   | Ni      | 60   |                   |                    |                  |                 |                  |
|   | Cu      | 63   |                   |                    |                  |                 |                  |
|   | Cu      | 65   |                   |                    |                  |                 |                  |
|   | Zn      | 66   |                   |                    |                  |                 |                  |
|   | Zn      | 67   |                   |                    |                  |                 |                  |
|   | Zn      | 68   |                   |                    |                  |                 |                  |
| > | Ge      | 72   |                   | 95.481             |                  |                 |                  |
|   | As      | 75   |                   |                    |                  |                 |                  |
|   | Se      | 77   |                   |                    |                  |                 |                  |
|   | Se      | 82   |                   |                    |                  |                 |                  |
|   | As-1    | 75   |                   |                    |                  |                 |                  |
|   | Kr      | 83   |                   |                    |                  |                 |                  |
| [ | Ag      | 107  |                   |                    |                  |                 |                  |
|   | Cd      | 111  |                   |                    |                  |                 |                  |
|   | Cd      | 114  |                   |                    |                  |                 |                  |
| > | In      | 115  |                   | 97.015             |                  |                 |                  |
|   | Sb      | 121  |                   |                    |                  |                 |                  |
|   | Sb      | 123  |                   |                    |                  |                 |                  |
|   | Ba      | 135  |                   |                    |                  |                 |                  |
|   | Ba      | 137  |                   |                    |                  |                 |                  |
|   | Ho      | 165  |                   |                    |                  |                 |                  |
| > | Tb      | 159  |                   | 97.006             |                  |                 |                  |
|   | Hg      | 201  |                   |                    |                  |                 |                  |
|   | Hg      | 202  |                   |                    |                  |                 |                  |
|   | Tl      | 205  |                   |                    |                  |                 |                  |
|   | Pb      | 208  |                   |                    |                  |                 |                  |

### Calibration

|   | Analyte | Mass | Curve Type       | Correlation Coefficient |
|---|---------|------|------------------|-------------------------|
|   | Be      | 9    | Linear Thru Zero | 1.000000                |
| > | Li      | 6    | Linear Thru Zero |                         |
| > | Sc-1    | 45   | Linear Thru Zero |                         |
|   | Cr      | 52   | Linear Thru Zero | 0.999991                |
|   | Cr      | 53   | Linear Thru Zero | 0.999972                |
|   | Mn      | 55   | Linear Thru Zero | 0.999999                |
|   | Co      | 59   | Linear Thru Zero | 0.999993                |
|   | Ni      | 60   | Linear Thru Zero | 0.999997                |
|   | Cu      | 63   | Linear Thru Zero | 1.000000                |
|   | Cu      | 65   | Linear Thru Zero | 1.000000                |
|   | Zn      | 66   | Linear Thru Zero | 0.999947                |
|   | Zn      | 67   | Linear Thru Zero | 0.999952                |
|   | Zn      | 68   | Linear Thru Zero | 0.999963                |
| > | Ge      | 72   | Linear Thru Zero |                         |
|   | As      | 75   | Linear Thru Zero | 0.999996                |

Sample ID: LFB 50+4 PPB

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|      |                     |          |
|------|---------------------|----------|
| Se   | 77Linear Thru Zero  | 1.000000 |
| Se   | 82Linear Thru Zero  | 0.999962 |
| As-1 | 75Linear Thru Zero  | 0.999982 |
| Kr   | 83Linear Thru Zero  |          |
| Ag   | 107Linear Thru Zero | 0.999975 |
| Cd   | 111Linear Thru Zero | 0.999999 |
| Cd   | 114Linear Thru Zero | 0.999997 |
| > In | 115Linear Thru Zero |          |
| Sb   | 121Linear Thru Zero | 0.999904 |
| Sb   | 123Linear Thru Zero | 0.999796 |
| Ba   | 135Linear Thru Zero | 1.000000 |
| Ba   | 137Linear Thru Zero | 0.999997 |
| Ho   | 165Linear Thru Zero |          |
| > Tb | 159Linear Thru Zero |          |
| Hg   | 201Linear Thru Zero | 0.999919 |
| Hg   | 202Linear Thru Zero | 0.999956 |
| Tl   | 205Linear Thru Zero | 0.999998 |
| Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: LFB 50+4 PPB

Report Date/Time: Thursday, May 30, 2002 13:43:56

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**WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH****Method 200.8 - Summary Report****Sample ID: STD CHECK 0.4 PPB Hg**

Sample Date/Time: Thursday, May 30, 2002 13:47:07

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\STD CHECK 0.4 PPB Hg.417

Aliquot Volume (mL):

Diluted To Volume (mL):

**Concentration Results**

|   | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|---|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [ | Be      | 9    | 7.667              | 19.924            | 0.000            | 0.00448    | 71.66     | ug/L        |
| > | Li      | 6    | 67429.850          | 1.335             | 67429.850        |            |           | ug/L        |
| > | Sc-1    | 45   | 479621.885         | 0.930             | 479621.885       |            |           | ug/L        |
|   | Cr      | 52   | 7695.333           | 1.744             | -0.000           | -0.01771   | 112.47    | ug/L        |
|   | Cr      | 53   | 527.021            | 4.636             | 0.000            | 0.04999    | 46.38     | ug/L        |
|   | Mn      | 55   | 2318.653           | 4.127             | 0.002            | 0.06105    | 8.79      | ug/L        |
|   | Co      | 59   | 111.335            | 16.300            | -0.000           | -0.00259   | 62.04     | ug/L        |
|   | Ni      | 60   | 422.014            | 3.081             | 0.001            | 0.15106    | 2.65      | ug/L        |
|   | Cu      | 63   | 1345.446           | 2.125             | 0.002            | 0.19242    | 2.06      | ug/L        |
|   | Cu      | 65   | 633.695            | 4.049             | 0.001            | 0.19889    | 4.28      | ug/L        |
| [ | Zn      | 66   | 3643.104           | 9.838             | 0.030            | 1.71820    | 10.34     | ug/L        |
|   | Zn      | 67   | 586.692            | 11.782            | 0.005            | 1.51909    | 13.83     | ug/L        |
|   | Zn      | 68   | 2717.437           | 11.167            | 0.022            | 1.73704    | 12.04     | ug/L        |
| > | Ge      | 72   | 94196.546          | 1.847             | 94196.546        |            |           | ug/L        |
|   | As      | 75   | 195.959            | 33.727            | 0.000            | 0.01837    | 177.70    | ug/L        |
|   | Se      | 77   | 123.554            | 11.781            | -0.000           | -0.02439   | 314.03    | ug/L        |
|   | Se      | 82   | 12.122             | 83.279            | 0.000            | 0.01762    | 275.71    | ug/L        |
|   | As-1    | 75   | 127.335            | 2.758             | 30.667           | 0.01639    | 11.45     | ug/L        |
|   | Kr      | 83   | 139.336            | 5.092             | -13.000          |            |           | ug/L        |
| [ | Ag      | 107  | 2388.671           | 3.936             | 0.001            | 0.14607    | 5.67      | ug/L        |
|   | Cd      | 111  | 52.667             | 11.445            | 0.000            | 0.00973    | 23.02     | ug/L        |
|   | Cd      | 114  | 125.976            | 12.758            | 0.000            | 0.01074    | 24.74     | ug/L        |
| > | In      | 115  | 1209933.593        | 0.929             | 1209933.593      |            |           | ug/L        |
|   | Sb      | 121  | 221.005            | 5.099             | 0.000            | 0.02270    | 5.54      | ug/L        |
|   | Sb      | 123  | 174.616            | 17.575            | 0.000            | 0.02315    | 21.24     | ug/L        |
| [ | Ba      | 135  | 146.336            | 12.681            | 0.000            | 0.04850    | 16.87     | ug/L        |
|   | Ba      | 137  | 258.673            | 6.043             | 0.000            | 0.05125    | 6.10      | ug/L        |
|   | Ho      | 165  | 1728375.824        | 0.247             | -0.002           |            |           | ug/L        |
| > | Tb      | 159  | 1731468.283        | 1.408             | 1731468.283      |            |           | ug/L        |
|   | Hg      | 201  | 540.688            | 3.738             | 0.000            | 0.42506    | 4.72      | ug/L        |
|   | Hg      | 202  | 1209.760           | 8.769             | 0.001            | 0.42446    | 8.19      | ug/L        |
|   | Tl      | 205  | 1175.421           | 6.597             | 0.000            | 0.01963    | 16.12     | ug/L        |
|   | Pb      | 208  | 4279.105           | 2.609             | 0.000            | 0.01905    | 10.60     | ug/L        |

Sample ID: STD CHECK 0.4 PPB Hg

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### QC Calculated Values

|   | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|---|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ | Be      | 9    |                   |                    |                  |                 |                  |
| > | Li      | 6    |                   | 94.128             |                  |                 |                  |
| > | Sc-1    | 45   |                   | 97.856             |                  |                 |                  |
|   | Cr      | 52   |                   |                    |                  |                 |                  |
|   | Cr      | 53   |                   |                    |                  |                 |                  |
|   | Mn      | 55   |                   |                    |                  |                 |                  |
|   | Co      | 59   |                   |                    |                  |                 |                  |
|   | Ni      | 60   |                   |                    |                  |                 |                  |
|   | Cu      | 63   |                   |                    |                  |                 |                  |
|   | Cu      | 65   |                   |                    |                  |                 |                  |
|   | Zn      | 66   |                   |                    |                  |                 |                  |
|   | Zn      | 67   |                   |                    |                  |                 |                  |
|   | Zn      | 68   |                   |                    |                  |                 |                  |
| > | Ge      | 72   |                   | 97.159             |                  |                 |                  |
|   | As      | 75   |                   |                    |                  |                 |                  |
|   | Se      | 77   |                   |                    |                  |                 |                  |
|   | Se      | 82   |                   |                    |                  |                 |                  |
|   | As-1    | 75   |                   |                    |                  |                 |                  |
|   | Kr      | 83   |                   |                    |                  |                 |                  |
|   | Ag      | 107  |                   |                    |                  |                 |                  |
|   | Cd      | 111  |                   |                    |                  |                 |                  |
|   | Cd      | 114  |                   |                    |                  |                 |                  |
| > | In      | 115  |                   | 97.302             |                  |                 |                  |
|   | Sb      | 121  |                   |                    |                  |                 |                  |
|   | Sb      | 123  |                   |                    |                  |                 |                  |
|   | Ba      | 135  |                   |                    |                  |                 |                  |
|   | Ba      | 137  |                   |                    |                  |                 |                  |
|   | Ho      | 165  |                   |                    |                  |                 |                  |
| > | Tb      | 159  |                   | 97.362             |                  |                 |                  |
|   | Hg      | 201  |                   |                    |                  |                 |                  |
|   | Hg      | 202  |                   |                    |                  |                 |                  |
|   | Tl      | 205  |                   |                    |                  |                 |                  |
|   | Pb      | 208  |                   |                    |                  |                 |                  |

### Calibration

|   | Analyte | Mass | Curve Type       | Correlation Coefficient |
|---|---------|------|------------------|-------------------------|
| - | Be      | 9    | Linear Thru Zero | 1.000000                |
| > | Li      | 6    | Linear Thru Zero |                         |
| > | Sc-1    | 45   | Linear Thru Zero |                         |
|   | Cr      | 52   | Linear Thru Zero | 0.999991                |
|   | Cr      | 53   | Linear Thru Zero | 0.999972                |
|   | Mn      | 55   | Linear Thru Zero | 0.999999                |
|   | Co      | 59   | Linear Thru Zero | 0.999993                |
|   | Ni      | 60   | Linear Thru Zero | 0.999997                |
|   | Cu      | 63   | Linear Thru Zero | 1.000000                |
|   | Cu      | 65   | Linear Thru Zero | 1.000000                |
| : | Zn      | 66   | Linear Thru Zero | 0.999947                |
|   | Zn      | 67   | Linear Thru Zero | 0.999952                |
|   | Zn      | 68   | Linear Thru Zero | 0.999963                |
| > | Ge      | 72   | Linear Thru Zero |                         |
|   | As      | 75   | Linear Thru Zero | 0.999996                |

Sample ID: STD CHECK 0.4 PPB Hg

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|   |      |                     |          |
|---|------|---------------------|----------|
|   | Se   | 77Linear Thru Zero  | 1.000000 |
| - | Se   | 82Linear Thru Zero  | 0.999962 |
|   | As-1 | 75Linear Thru Zero  | 0.999982 |
|   | Kr   | 83Linear Thru Zero  |          |
| - | Ag   | 107Linear Thru Zero | 0.999975 |
|   | Cd   | 111Linear Thru Zero | 0.999999 |
|   | Cd   | 114Linear Thru Zero | 0.999997 |
| > | In   | 115Linear Thru Zero |          |
|   | Sb   | 121Linear Thru Zero | 0.999904 |
|   | Sb   | 123Linear Thru Zero | 0.999796 |
| - | Ba   | 135Linear Thru Zero | 1.000000 |
|   | Ba   | 137Linear Thru Zero | 0.999997 |
|   | Ho   | 165Linear Thru Zero |          |
| > | Tb   | 159Linear Thru Zero |          |
|   | Hg   | 201Linear Thru Zero | 0.999919 |
|   | Hg   | 202Linear Thru Zero | 0.999956 |
|   | Tl   | 205Linear Thru Zero | 0.999998 |
| . | Pb   | 208Linear Thru Zero | 0.999995 |

**WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH****Method 200.8 - Summary Report****Sample ID: LRB**

Sample Date/Time: Thursday, May 30, 2002 13:50:43

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\LRB.418

Aliquot Volume (mL):

Diluted To Volume (mL):

**Concentration Results**

|    | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|----|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [  | Be      | 9    | 10.000             | 43.589            | 0.000            | 0.01006    | 98.90     | ug/L        |
| [> | Li      | 6    | 66494.632          | 0.542             | 66494.632        |            |           | ug/L        |
| [> | Sc-1    | 45   | 476269.902         | 1.943             | 476269.902       |            |           | ug/L        |
|    | Cr      | 52   | 7150.883           | 1.601             | -0.001           | -0.06836   | 21.58     | ug/L        |
|    | Cr      | 53   | 458.683            | 6.403             | -0.000           | -0.00566   | 366.93    | ug/L        |
|    | Mn      | 55   | 1856.875           | 3.034             | 0.001            | 0.03396    | 16.29     | ug/L        |
|    | Co      | 59   | 121.002            | 68.056            | -0.000           | -0.00163   | 445.68    | ug/L        |
|    | Ni      | 60   | 67.334             | 10.431            | 0.000            | 0.00188    | 132.83    | ug/L        |
|    | Cu      | 63   | 394.346            | 7.286             | 0.000            | 0.00216    | 293.49    | ug/L        |
|    | Cu      | 65   | 149.003            | 8.054             | -0.000           | -0.00380   | 142.80    | ug/L        |
|    | Zn      | 66   | 776.041            | 3.873             | -0.001           | -0.03784   | 33.96     | ug/L        |
|    | Zn      | 67   | 159.003            | 2.741             | 0.000            | 0.01791    | 58.94     | ug/L        |
|    | Zn      | 68   | 619.694            | 4.985             | 0.000            | 0.00574    | 543.76    | ug/L        |
| [> | Ge      | 72   | 92735.569          | 1.301             | 92735.569        |            |           | ug/L        |
|    | As      | 75   | 170.731            | 30.222            | 0.000            | 0.00722    | 393.14    | ug/L        |
|    | Se      | 77   | 116.660            | 2.797             | -0.000           | -0.05234   | 52.66     | ug/L        |
|    | Se      | 82   | 2.043              | 869.289           | -0.000           | -0.03090   | 279.15    | ug/L        |
|    | As-1    | 75   | 100.668            | 8.272             | 4.000            | 0.00214    | 208.17    | ug/L        |
|    | Kr      | 83   | 148.336            | 11.876            | -4.000           |            |           | ug/L        |
| [  | Ag      | 107  | 728.370            | 8.030             | -0.000           | -0.01792   | 33.06     | ug/L        |
|    | Cd      | 111  | 47.334             | 2.440             | 0.000            | 0.00787    | 4.92      | ug/L        |
|    | Cd      | 114  | 84.230             | 8.317             | 0.000            | 0.00387    | 32.18     | ug/L        |
| [> | In      | 115  | 1195036.621        | 0.389             | 1195036.621      |            |           | ug/L        |
|    | Sb      | 121  | 37.334             | 18.233            | -0.000           | -0.00035   | 246.20    | ug/L        |
|    | Sb      | 123  | 26.316             | 22.797            | -0.000           | -0.00108   | 91.10     | ug/L        |
|    | Ba      | 135  | 33.334             | 7.550             | 0.000            | 0.00003    | 3376.52   | ug/L        |
|    | Ba      | 137  | 49.667             | 19.555            | 0.000            | 0.00017    | 1369.52   | ug/L        |
|    | Ho      | 165  | 1718933.350        | 0.746             | 0.007            |            |           | ug/L        |
| [> | Tb      | 159  | 1706050.292        | 1.269             | 1706050.292      |            |           | ug/L        |
|    | Hg      | 201  | 70.668             | 8.170             | 0.000            | 0.02470    | 22.96     | ug/L        |
|    | Hg      | 202  | 136.336            | 4.040             | 0.000            | 0.02187    | 7.12      | ug/L        |
|    | Tl      | 205  | 1034.069           | 3.418             | 0.000            | 0.01486    | 10.25     | ug/L        |
|    | Pb      | 208  | 2296.803           | 1.611             | -0.001           | -0.03499   | 2.85      | ug/L        |

Sample ID: LRB

Report Date/Time: Thursday, May 30, 2002 13:53:04

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### QC Calculated Values

|   | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|---|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ | Be      | 9    |                   |                    |                  |                 |                  |
| > | Li      | 6    |                   | 92.823             |                  |                 |                  |
| > | Sc-1    | 45   |                   | 97.172             |                  |                 |                  |
|   | Cr      | 52   |                   |                    |                  |                 |                  |
|   | Cr      | 53   |                   |                    |                  |                 |                  |
|   | Mn      | 55   |                   |                    |                  |                 |                  |
|   | Co      | 59   |                   |                    |                  |                 |                  |
|   | Ni      | 60   |                   |                    |                  |                 |                  |
|   | Cu      | 63   |                   |                    |                  |                 |                  |
|   | Cu      | 65   |                   |                    |                  |                 |                  |
|   | Zn      | 66   |                   |                    |                  |                 |                  |
|   | Zn      | 67   |                   |                    |                  |                 |                  |
|   | Zn      | 68   |                   |                    |                  |                 |                  |
| > | Ge      | 72   |                   | 95.652             |                  |                 |                  |
|   | As      | 75   |                   |                    |                  |                 |                  |
|   | Se      | 77   |                   |                    |                  |                 |                  |
|   | Se      | 82   |                   |                    |                  |                 |                  |
|   | As-1    | 75   |                   |                    |                  |                 |                  |
|   | Kr      | 83   |                   |                    |                  |                 |                  |
|   | Ag      | 107  |                   |                    |                  |                 |                  |
|   | Cd      | 111  |                   |                    |                  |                 |                  |
|   | Cd      | 114  |                   |                    |                  |                 |                  |
| > | In      | 115  |                   | 96.104             |                  |                 |                  |
|   | Sb      | 121  |                   |                    |                  |                 |                  |
|   | Sb      | 123  |                   |                    |                  |                 |                  |
|   | Ba      | 135  |                   |                    |                  |                 |                  |
|   | Ba      | 137  |                   |                    |                  |                 |                  |
|   | Ho      | 165  |                   |                    |                  |                 |                  |
| > | Tb      | 159  |                   | 95.933             |                  |                 |                  |
|   | Hg      | 201  |                   |                    |                  |                 |                  |
|   | Hg      | 202  |                   |                    |                  |                 |                  |
|   | Tl      | 205  |                   |                    |                  |                 |                  |
|   | Pb      | 208  |                   |                    |                  |                 |                  |

### Calibration

|   | Analyte | Mass | Curve Type       | Correlation Coefficient |
|---|---------|------|------------------|-------------------------|
|   | Be      | 9    | Linear Thru Zero | 1.000000                |
| > | Li      | 6    | Linear Thru Zero |                         |
| > | Sc-1    | 45   | Linear Thru Zero |                         |
|   | Cr      | 52   | Linear Thru Zero | 0.999991                |
|   | Cr      | 53   | Linear Thru Zero | 0.999972                |
|   | Mn      | 55   | Linear Thru Zero | 0.999999                |
|   | Co      | 59   | Linear Thru Zero | 0.999993                |
|   | Ni      | 60   | Linear Thru Zero | 0.999997                |
|   | Cu      | 63   | Linear Thru Zero | 1.000000                |
|   | Cu      | 65   | Linear Thru Zero | 1.000000                |
|   | Zn      | 66   | Linear Thru Zero | 0.999947                |
|   | Zn      | 67   | Linear Thru Zero | 0.999952                |
|   | Zn      | 68   | Linear Thru Zero | 0.999963                |
| > | Ge      | 72   | Linear Thru Zero |                         |
|   | As      | 75   | Linear Thru Zero | 0.999996                |

Sample ID: LRB

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|      |                     |          |
|------|---------------------|----------|
| Se   | 77Linear Thru Zero  | 1.000000 |
| Se   | 82Linear Thru Zero  | 0.999962 |
| As-1 | 75Linear Thru Zero  | 0.999982 |
| Kr   | 83Linear Thru Zero  |          |
| Ag   | 107Linear Thru Zero | 0.999975 |
| Cd   | 111Linear Thru Zero | 0.999999 |
| Cd   | 114Linear Thru Zero | 0.999997 |
| > In | 115Linear Thru Zero |          |
| Sb   | 121Linear Thru Zero | 0.999904 |
| Sb   | 123Linear Thru Zero | 0.999796 |
| Ba   | 135Linear Thru Zero | 1.000000 |
| Ba   | 137Linear Thru Zero | 0.999997 |
| Ho   | 165Linear Thru Zero |          |
| > Tb | 159Linear Thru Zero |          |
| Hg   | 201Linear Thru Zero | 0.999919 |
| Hg   | 202Linear Thru Zero | 0.999956 |
| Tl   | 205Linear Thru Zero | 0.999998 |
| Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: LRB

Report Date/Time: Thursday, May 30, 2002 13:53:04

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# WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH

## Method 200.8 - Summary Report

**Sample ID: AE11928**

Sample Date/Time: Thursday, May 30, 2002 13:54:24

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\AE11928.419

Aliquot Volume (mL):

Diluted To Volume (mL):

### Concentration Results

|    | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|----|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [  | Be      | 9    | 8.000              | 33.072            | 0.000            | 0.00570    | 104.41    | ug/L        |
| [> | Li      | 6    | 65676.720          | 0.948             | 65676.720        |            |           | ug/L        |
| [> | Sc-1    | 45   | 461882.207         | 1.332             | 461882.207       |            |           | ug/L        |
|    | Cr      | 52   | 8331.233           | 1.152             | 0.002            | 0.08022    | 11.01     | ug/L        |
|    | Cr      | 53   | 935.724            | 3.098             | 0.001            | 0.42886    | 8.59      | ug/L        |
|    | Mn      | 55   | 400999.464         | 0.802             | 0.866            | 25.12931   | 0.97      | ug/L        |
|    | Co      | 59   | 377.345            | 1.460             | 0.001            | 0.02146    | 0.57      | ug/L        |
|    | Ni      | 60   | 808.377            | 5.568             | 0.002            | 0.32689    | 5.95      | ug/L        |
|    | Cu      | 63   | 49559.549          | 0.240             | 0.107            | 10.25119   | 1.42      | ug/L        |
| [  | Cu      | 65   | 23430.390          | 0.717             | 0.050            | 10.13409   | 0.63      | ug/L        |
| [  | Zn      | 66   | 7897.842           | 1.173             | 0.075            | 4.35172    | 1.07      | ug/L        |
|    | Zn      | 67   | 1358.115           | 1.157             | 0.013            | 4.25990    | 1.49      | ug/L        |
|    | Zn      | 68   | 6247.543           | 2.359             | 0.060            | 4.68314    | 2.51      | ug/L        |
| >  | Ge      | 72   | 93980.214          | 0.241             | 93980.214        |            |           | ug/L        |
|    | As      | 75   | 959.724            | 9.830             | 0.009            | 0.41566    | 11.55     | ug/L        |
|    | Se      | 77   | 151.597            | 11.437            | 0.000            | 0.13632    | 71.15     | ug/L        |
| [  | Se      | 82   | 41.459             | 32.669            | 0.000            | 0.15729    | 40.74     | ug/L        |
|    | As-1    | 75   | 938.058            | 0.746             | 841.390          | 0.44963    | 0.83      | ug/L        |
|    | Kr      | 83   | 139.002            | 6.475             | -13.334          |            |           | ug/L        |
| [  | Ag      | 107  | 426.014            | 14.507            | -0.000           | -0.04828   | 12.99     | ug/L        |
|    | Cd      | 111  | 63.668             | 12.200            | 0.000            | 0.01439    | 20.94     | ug/L        |
|    | Cd      | 114  | 131.867            | 14.502            | 0.000            | 0.01204    | 27.19     | ug/L        |
| >  | In      | 115  | 1193807.856        | 0.405             | 1193807.856      |            |           | ug/L        |
|    | Sb      | 121  | 385.012            | 4.595             | 0.000            | 0.04399    | 5.50      | ug/L        |
| [  | Sb      | 123  | 287.160            | 3.677             | 0.000            | 0.04224    | 4.57      | ug/L        |
| [  | Ba      | 135  | 42277.836          | 0.472             | 0.025            | 18.32615   | 1.06      | ug/L        |
|    | Ba      | 137  | 74069.297          | 1.409             | 0.043            | 18.29273   | 0.43      | ug/L        |
|    | Ho      | 165  | 1736513.176        | 1.473             | 0.010            |            |           | ug/L        |
| >  | Tb      | 159  | 1718532.491        | 1.517             | 1718532.491      |            |           | ug/L        |
|    | Hg      | 201  | 82.335             | 13.379            | 0.000            | 0.03417    | 24.97     | ug/L        |
|    | Hg      | 202  | 178.337            | 2.766             | 0.000            | 0.03744    | 7.41      | ug/L        |
|    | Tl      | 205  | 950.393            | 3.234             | 0.000            | 0.01139    | 8.20      | ug/L        |
| [  | Pb      | 208  | 9951.231           | 0.323             | 0.004            | 0.17853    | 1.88      | ug/L        |

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Report Date/Time: Thursday, May 30, 2002 13:56:21

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### QC Calculated Values

|   | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|---|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ | Be      | 9    |                   |                    |                  |                 |                  |
| > | Li      | 6    |                   | 91.681             |                  |                 |                  |
| > | Sc-1    | 45   |                   | 94.236             |                  |                 |                  |
|   | Cr      | 52   |                   |                    |                  |                 |                  |
|   | Cr      | 53   |                   |                    |                  |                 |                  |
|   | Mn      | 55   |                   |                    |                  |                 |                  |
|   | Co      | 59   |                   |                    |                  |                 |                  |
|   | Ni      | 60   |                   |                    |                  |                 |                  |
|   | Cu      | 63   |                   |                    |                  |                 |                  |
|   | Cu      | 65   |                   |                    |                  |                 |                  |
|   | Zn      | 66   |                   |                    |                  |                 |                  |
|   | Zn      | 67   |                   |                    |                  |                 |                  |
|   | Zn      | 68   |                   |                    |                  |                 |                  |
| > | Ge      | 72   |                   | 96.936             |                  |                 |                  |
|   | As      | 75   |                   |                    |                  |                 |                  |
|   | Se      | 77   |                   |                    |                  |                 |                  |
|   | Se      | 82   |                   |                    |                  |                 |                  |
|   | As-1    | 75   |                   |                    |                  |                 |                  |
|   | Kr      | 83   |                   |                    |                  |                 |                  |
| [ | Ag      | 107  |                   |                    |                  |                 |                  |
|   | Cd      | 111  |                   |                    |                  |                 |                  |
|   | Cd      | 114  |                   |                    |                  |                 |                  |
| > | In      | 115  |                   | 96.005             |                  |                 |                  |
|   | Sb      | 121  |                   |                    |                  |                 |                  |
|   | Sb      | 123  |                   |                    |                  |                 |                  |
|   | Ba      | 135  |                   |                    |                  |                 |                  |
|   | Ba      | 137  |                   |                    |                  |                 |                  |
|   | Ho      | 165  |                   |                    |                  |                 |                  |
| > | Tb      | 159  |                   | 96.634             |                  |                 |                  |
|   | Hg      | 201  |                   |                    |                  |                 |                  |
|   | Hg      | 202  |                   |                    |                  |                 |                  |
|   | Tl      | 205  |                   |                    |                  |                 |                  |
|   | Pb      | 208  |                   |                    |                  |                 |                  |

### Calibration

|   | Analyte | Mass | Curve Type       | Correlation Coefficient |
|---|---------|------|------------------|-------------------------|
|   | Be      | 9    | Linear Thru Zero | 1.000000                |
| > | Li      | 6    | Linear Thru Zero |                         |
| > | Sc-1    | 45   | Linear Thru Zero |                         |
|   | Cr      | 52   | Linear Thru Zero | 0.999991                |
|   | Cr      | 53   | Linear Thru Zero | 0.999972                |
|   | Mn      | 55   | Linear Thru Zero | 0.999999                |
|   | Co      | 59   | Linear Thru Zero | 0.999993                |
|   | Ni      | 60   | Linear Thru Zero | 0.999997                |
|   | Cu      | 63   | Linear Thru Zero | 1.000000                |
|   | Cu      | 65   | Linear Thru Zero | 1.000000                |
|   | Zn      | 66   | Linear Thru Zero | 0.999947                |
|   | Zn      | 67   | Linear Thru Zero | 0.999952                |
|   | Zn      | 68   | Linear Thru Zero | 0.999963                |
| > | Ge      | 72   | Linear Thru Zero |                         |
|   | As      | 75   | Linear Thru Zero | 0.999996                |

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|      |                     |          |
|------|---------------------|----------|
| Se   | 77Linear Thru Zero  | 1.000000 |
| Se   | 82Linear Thru Zero  | 0.999962 |
| As-1 | 75Linear Thru Zero  | 0.999982 |
| Kr   | 83Linear Thru Zero  |          |
| Ag   | 107Linear Thru Zero | 0.999975 |
| Cd   | 111Linear Thru Zero | 0.999999 |
| Cd   | 114Linear Thru Zero | 0.999997 |
| > In | 115Linear Thru Zero |          |
| Sb   | 121Linear Thru Zero | 0.999904 |
| Sb   | 123Linear Thru Zero | 0.999796 |
| Ba   | 135Linear Thru Zero | 1.000000 |
| Ba   | 137Linear Thru Zero | 0.999997 |
| Ho   | 165Linear Thru Zero |          |
| > Tb | 159Linear Thru Zero |          |
| Hg   | 201Linear Thru Zero | 0.999919 |
| Hg   | 202Linear Thru Zero | 0.999956 |
| Tl   | 205Linear Thru Zero | 0.999998 |
| Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: AE11928

Report Date/Time: Thursday, May 30, 2002 13:56:21

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**WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH****Method 200.8 - Summary Report****Sample ID: AE11928**

Sample Date/Time: Thursday, May 30, 2002 13:58:04

Sample Type: Spike - 1

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\AE11928.420

Aliquot Volume (mL):

Diluted To Volume (mL):

**Concentration Results**

|    | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|----|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [  | Be      | 9    | 22410.147          | 1.130             | 0.346            | 52.15469   | 1.35      | ug/L        |
| [> | Li      | 6    | 64690.333          | 0.588             | 64690.333        |            |           | ug/L        |
| [> | Sc-1    | 45   | 454308.162         | 1.205             | 454308.162       |            |           | ug/L        |
|    | Cr      | 52   | 474086.449         | 1.294             | 1.027            | 50.50745   | 1.27      | ug/L        |
|    | Cr      | 53   | 56523.408          | 0.498             | 0.123            | 50.41778   | 0.80      | ug/L        |
|    | Mn      | 55   | 1174434.058        | 1.848             | 2.582            | 74.97272   | 0.64      | ug/L        |
|    | Co      | 59   | 547865.344         | 1.623             | 1.206            | 49.57245   | 0.43      | ug/L        |
|    | Ni      | 60   | 111993.537         | 1.764             | 0.246            | 49.76533   | 0.57      | ug/L        |
|    | Cu      | 63   | 285161.420         | 0.914             | 0.627            | 60.33805   | 0.32      | ug/L        |
| [  | Cu      | 65   | 135817.418         | 0.794             | 0.299            | 60.05442   | 1.81      | ug/L        |
| [  | Zn      | 66   | 88564.544          | 0.808             | 0.955            | 55.38118   | 1.12      | ug/L        |
|    | Zn      | 67   | 15321.053          | 0.925             | 0.165            | 54.96936   | 0.65      | ug/L        |
|    | Zn      | 68   | 65625.026          | 1.282             | 0.707            | 55.34358   | 1.03      | ug/L        |
| [> | Ge      | 72   | 91906.539          | 1.314             | 91906.539        |            |           | ug/L        |
|    | As      | 75   | 99519.368          | 1.033             | 1.081            | 52.79101   | 1.21      | ug/L        |
|    | Se      | 77   | 9893.368           | 1.759             | 0.106            | 56.58483   | 3.05      | ug/L        |
| [  | Se      | 82   | 11676.196          | 0.569             | 0.127            | 56.82929   | 1.72      | ug/L        |
|    | As-1    | 75   | 95119.378          | 1.415             | 95022.710        | 50.77915   | 1.42      | ug/L        |
|    | Kr      | 83   | 146.003            | 5.437             | -6.333           |            |           | ug/L        |
| [  | Ag      | 107  | 493142.236         | 5.254             | 0.414            | 49.79668   | 6.01      | ug/L        |
|    | Cd      | 111  | 126597.751         | 1.345             | 0.107            | 50.63881   | 0.51      | ug/L        |
|    | Cd      | 114  | 293901.066         | 0.893             | 0.247            | 50.54606   | 0.54      | ug/L        |
| [> | In      | 115  | 1188355.504        | 0.926             | 1188355.504      |            |           | ug/L        |
|    | Sb      | 121  | 413391.691         | 0.538             | 0.348            | 52.94459   | 0.92      | ug/L        |
| [  | Sb      | 123  | 314028.445         | 0.863             | 0.264            | 52.37469   | 0.59      | ug/L        |
| [  | Ba      | 135  | 154260.038         | 0.867             | 0.090            | 67.35599   | 1.26      | ug/L        |
|    | Ba      | 137  | 269536.223         | 0.883             | 0.158            | 67.05296   | 1.19      | ug/L        |
|    | Ho      | 165  | 1721641.539        | 2.060             | 0.008            |            |           | ug/L        |
| [> | Tb      | 159  | 1707110.779        | 1.899             | 1707110.779      |            |           | ug/L        |
|    | Hg      | 201  | 5047.785           | 1.143             | 0.003            | 4.33411    | 1.08      | ug/L        |
|    | Hg      | 202  | 11520.078          | 1.631             | 0.007            | 4.36337    | 0.67      | ug/L        |
|    | Tl      | 205  | 1279393.246        | 0.988             | 0.749            | 48.97132   | 1.34      | ug/L        |
| [  | Pb      | 208  | 1754679.082        | 0.308             | 1.026            | 49.28671   | 1.64      | ug/L        |

Sample ID: AE11928

Report Date/Time: Thursday, May 30, 2002 14:00:36

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### QC Calculated Values

|   | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rei. % Diff |
|---|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ | Be      | 9    |                   |                    | 104.298          |                 |                  |
| > | Li      | 6    |                   | 90.304             |                  |                 |                  |
| > | Sc-1    | 45   |                   | 92.691             |                  |                 |                  |
|   | Cr      | 52   |                   |                    | 100.854          |                 |                  |
|   | Cr      | 53   |                   |                    | 99.978           |                 |                  |
|   | Mn      | 55   |                   |                    | 99.687           |                 |                  |
|   | Co      | 59   |                   |                    | 99.102           |                 |                  |
|   | Ni      | 60   |                   |                    | 98.877           |                 |                  |
|   | Cu      | 63   |                   |                    | 100.174          |                 |                  |
|   | Cu      | 65   |                   |                    | 99.841           |                 |                  |
|   | Zn      | 66   |                   |                    | 102.059          |                 |                  |
|   | Zn      | 67   |                   |                    | 101.419          |                 |                  |
|   | Zn      | 68   |                   |                    | 101.321          |                 |                  |
| > | Ge      | 72   |                   | 94.797             |                  |                 |                  |
|   | As      | 75   |                   |                    | 104.751          |                 |                  |
|   | Se      | 77   |                   |                    | 112.897          |                 |                  |
|   | Se      | 82   |                   |                    | 113.344          |                 |                  |
|   | As-1    | 75   |                   |                    | 100.659          |                 |                  |
|   | Kr      | 83   |                   |                    |                  |                 |                  |
|   | Ag      | 107  |                   |                    | 99.690           |                 |                  |
|   | Cd      | 111  |                   |                    | 101.249          |                 |                  |
|   | Cd      | 114  |                   |                    | 101.068          |                 |                  |
| > | In      | 115  |                   | 95.566             |                  |                 |                  |
|   | Sb      | 121  |                   |                    | 105.801          |                 |                  |
|   | Sb      | 123  |                   |                    | 104.665          |                 |                  |
|   | Ba      | 135  |                   |                    | 98.060           |                 |                  |
|   | Ba      | 137  |                   |                    | 97.520           |                 |                  |
|   | Ho      | 165  |                   |                    |                  |                 |                  |
| > | Tb      | 159  |                   | 95.992             |                  |                 |                  |
|   | Hg      | 201  |                   |                    | 107.498          |                 |                  |
|   | Hg      | 202  |                   |                    | 108.148          |                 |                  |
|   | Tl      | 205  |                   |                    | 97.920           |                 |                  |
|   | Pb      | 208  |                   |                    | 98.216           |                 |                  |

### Calibration

|   | Analyte | Mass | Curve Type       | Correlation Coefficient |
|---|---------|------|------------------|-------------------------|
|   | Be      | 9    | Linear Thru Zero | 1.000000                |
| > | Li      | 6    | Linear Thru Zero |                         |
| > | Sc-1    | 45   | Linear Thru Zero |                         |
|   | Cr      | 52   | Linear Thru Zero | 0.999991                |
|   | Cr      | 53   | Linear Thru Zero | 0.999972                |
|   | Mn      | 55   | Linear Thru Zero | 0.999999                |
|   | Co      | 59   | Linear Thru Zero | 0.999993                |
|   | Ni      | 60   | Linear Thru Zero | 0.999997                |
|   | Cu      | 63   | Linear Thru Zero | 1.000000                |
|   | Cu      | 65   | Linear Thru Zero | 1.000000                |
|   | Zn      | 66   | Linear Thru Zero | 0.999947                |
|   | Zn      | 67   | Linear Thru Zero | 0.999952                |
|   | Zn      | 68   | Linear Thru Zero | 0.999963                |
| > | Ge      | 72   | Linear Thru Zero |                         |
|   | As      | 75   | Linear Thru Zero | 0.999996                |

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|   |      |                     |          |
|---|------|---------------------|----------|
|   | Se   | 77Linear Thru Zero  | 1.000000 |
| - | Se   | 82Linear Thru Zero  | 0.999962 |
|   | As-1 | 75Linear Thru Zero  | 0.999982 |
|   | Kr   | 83Linear Thru Zero  |          |
| - | Ag   | 107Linear Thru Zero | 0.999975 |
|   | Cd   | 111Linear Thru Zero | 0.999999 |
|   | Cd   | 114Linear Thru Zero | 0.999997 |
| > | In   | 115Linear Thru Zero |          |
|   | Sb   | 121Linear Thru Zero | 0.999904 |
|   | Sb   | 123Linear Thru Zero | 0.999796 |
| : | Ba   | 135Linear Thru Zero | 1.000000 |
|   | Ba   | 137Linear Thru Zero | 0.999997 |
|   | Ho   | 165Linear Thru Zero |          |
| > | Tb   | 159Linear Thru Zero |          |
|   | Hg   | 201Linear Thru Zero | 0.999919 |
|   | Hg   | 202Linear Thru Zero | 0.999956 |
|   | Tl   | 205Linear Thru Zero | 0.999998 |
| . | Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: AE11928

Report Date/Time: Thursday, May 30, 2002 14:00:36

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**WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH****Method 200.8 - Summary Report****Sample ID: AE11928**

Sample Date/Time: Thursday, May 30, 2002 14:01:28

Sample Type: Spike - 1

Sample Description: MSD

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\AE11928.421

Aliquot Volume (mL):

Diluted To Volume (mL):

**Concentration Results**

|    | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|----|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [  | Be      | 9    | 21869.494          | 1.099             | 0.346            | 52.03895   | 0.17      | ug/L        |
| [> | Li      | 6    | 63268.716          | 1.203             | 63268.716        |            |           | ug/L        |
| [> | Sc-1    | 45   | 447841.987         | 1.319             | 447841.987       |            |           | ug/L        |
| [  | Cr      | 52   | 462829.819         | 1.714             | 1.017            | 50.01385   | 1.87      | ug/L        |
| [  | Cr      | 53   | 55939.825          | 1.307             | 0.124            | 50.61653   | 0.44      | ug/L        |
| [  | Mn      | 55   | 1158897.948        | 1.186             | 2.585            | 75.05693   | 1.11      | ug/L        |
| [  | Co      | 59   | 543682.968         | 1.372             | 1.214            | 49.90611   | 0.43      | ug/L        |
| [  | Ni      | 60   | 110269.855         | 0.690             | 0.246            | 49.71308   | 1.08      | ug/L        |
| [  | Cu      | 63   | 279509.175         | 0.955             | 0.623            | 60.00096   | 1.62      | ug/L        |
| [  | Cu      | 65   | 134405.314         | 0.794             | 0.300            | 60.28289   | 0.53      | ug/L        |
| [  | Zn      | 66   | 87417.829          | 0.095             | 0.946            | 54.89344   | 1.43      | ug/L        |
| [  | Zn      | 67   | 14978.813          | 0.615             | 0.162            | 53.96487   | 1.83      | ug/L        |
| [  | Zn      | 68   | 65604.883          | 1.307             | 0.710            | 55.56065   | 0.06      | ug/L        |
| [> | Ge      | 72   | 91519.664          | 1.358             | 91519.664        |            |           | ug/L        |
| [  | As      | 75   | 98743.427          | 1.551             | 1.077            | 52.59652   | 0.62      | ug/L        |
| [  | Se      | 77   | 9841.596           | 2.131             | 0.106            | 56.50769   | 0.90      | ug/L        |
| [  | Se      | 82   | 11500.960          | 1.581             | 0.126            | 56.20333   | 0.32      | ug/L        |
| [  | As-1    | 75   | 94522.866          | 1.425             | 94426.198        | 50.46038   | 1.43      | ug/L        |
| [  | Kr      | 83   | 147.336            | 3.738             | -5.000           |            |           | ug/L        |
| [  | Ag      | 107  | 475041.361         | 0.534             | 0.401            | 48.25135   | 0.76      | ug/L        |
| [  | Cd      | 111  | 125645.258         | 0.750             | 0.106            | 50.57250   | 0.76      | ug/L        |
| [  | Cd      | 114  | 291483.605         | 1.085             | 0.247            | 50.44099   | 0.59      | ug/L        |
| [> | In      | 115  | 1181013.718        | 0.794             | 1181013.718      |            |           | ug/L        |
| [  | Sb      | 121  | 409918.631         | 0.627             | 0.347            | 52.82447   | 0.48      | ug/L        |
| [  | Sb      | 123  | 311457.805         | 0.097             | 0.264            | 52.27007   | 0.73      | ug/L        |
| [  | Ba      | 135  | 152405.119         | 0.835             | 0.090            | 66.76682   | 1.19      | ug/L        |
| [  | Ba      | 137  | 266999.780         | 0.142             | 0.157            | 66.64259   | 0.82      | ug/L        |
| [  | Ho      | 165  | 1708651.437        | 1.347             | 0.004            |            |           | ug/L        |
| [> | Tb      | 159  | 1701289.882        | 0.797             | 1701289.882      |            |           | ug/L        |
| [  | Hg      | 201  | 5059.458           | 0.266             | 0.003            | 4.35891    | 0.93      | ug/L        |
| [  | Hg      | 202  | 11591.836          | 1.305             | 0.007            | 4.40609    | 2.01      | ug/L        |
| [  | Tl      | 205  | 1272964.312        | 1.712             | 0.748            | 48.88730   | 1.97      | ug/L        |
| [  | Pb      | 208  | 1737232.520        | 0.863             | 1.019            | 48.95708   | 1.66      | ug/L        |

Sample ID: AE11928

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# **QC Calculated Values**

|   | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|---|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ | Be      | 9    |                   |                    | 104.067          |                 |                  |
| > | Li      | 6    |                   | 88.319             |                  |                 |                  |
| > | Sc-1    | 45   |                   | 91.372             |                  |                 |                  |
|   | Cr      | 52   |                   |                    | 99.867           |                 |                  |
|   | Cr      | 53   |                   |                    | 100.375          |                 |                  |
|   | Mn      | 55   |                   |                    | 99.855           |                 |                  |
|   | Co      | 59   |                   |                    | 99.769           |                 |                  |
|   | Ni      | 60   |                   |                    | 98.772           |                 |                  |
|   | Cu      | 63   |                   |                    | 99.500           |                 |                  |
|   | Cu      | 65   |                   |                    | 100.298          |                 |                  |
|   | Zn      | 66   |                   |                    | 101.083          |                 |                  |
|   | Zn      | 67   |                   |                    | 99.410           |                 |                  |
|   | Zn      | 68   |                   |                    | 101.755          |                 |                  |
| > | Ge      | 72   |                   | 94.398             |                  |                 |                  |
|   | As      | 75   |                   |                    | 104.362          |                 |                  |
|   | Se      | 77   |                   |                    | 112.743          |                 |                  |
|   | Se      | 82   |                   |                    | 112.092          |                 |                  |
|   | As-1    | 75   |                   |                    | 100.021          |                 |                  |
|   | Kr      | 83   |                   |                    |                  |                 |                  |
| [ | Ag      | 107  |                   |                    | 96.599           |                 |                  |
|   | Cd      | 111  |                   |                    | 101.116          |                 |                  |
|   | Cd      | 114  |                   |                    | 100.858          |                 |                  |
| > | In      | 115  |                   | 94.976             |                  |                 |                  |
|   | Sb      | 121  |                   |                    | 105.561          |                 |                  |
|   | Sb      | 123  |                   |                    | 104.456          |                 |                  |
|   | Ba      | 135  |                   |                    | 96.881           |                 |                  |
|   | Ba      | 137  |                   |                    | 96.700           |                 |                  |
|   | Ho      | 165  |                   |                    |                  |                 |                  |
| > | Tb      | 159  |                   | 95.665             |                  |                 |                  |
|   | Hg      | 201  |                   |                    | 108.118          |                 |                  |
|   | Hg      | 202  |                   |                    | 109.216          |                 |                  |
|   | Tl      | 205  |                   |                    | 97.752           |                 |                  |
|   | Pb      | 208  |                   |                    | 97.557           |                 |                  |

## **Calibration**

|   | Analyte | Mass | Curve Type       | Correlation Coefficient |
|---|---------|------|------------------|-------------------------|
|   | Be      | 9    | Linear Thru Zero | 1.000000                |
| > | Li      | 6    | Linear Thru Zero |                         |
| > | Sc-1    | 45   | Linear Thru Zero |                         |
|   | Cr      | 52   | Linear Thru Zero | 0.999991                |
|   | Cr      | 53   | Linear Thru Zero | 0.999972                |
|   | Mn      | 55   | Linear Thru Zero | 0.999999                |
|   | Co      | 59   | Linear Thru Zero | 0.999993                |
|   | Ni      | 60   | Linear Thru Zero | 0.999997                |
|   | Cu      | 63   | Linear Thru Zero | 1.000000                |
|   | Cu      | 65   | Linear Thru Zero | 1.000000                |
|   | Zn      | 66   | Linear Thru Zero | 0.999947                |
|   | Zn      | 67   | Linear Thru Zero | 0.999952                |
|   | Zn      | 68   | Linear Thru Zero | 0.999963                |
| > | Ge      | 72   | Linear Thru Zero |                         |
|   | As      | 75   | Linear Thru Zero | 0.999996                |

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|      |                     |          |
|------|---------------------|----------|
| Se   | 77Linear Thru Zero  | 1.000000 |
| Se   | 82Linear Thru Zero  | 0.999962 |
| As-1 | 75Linear Thru Zero  | 0.999982 |
| Kr   | 83Linear Thru Zero  |          |
| Ag   | 107Linear Thru Zero | 0.999975 |
| Cd   | 111Linear Thru Zero | 0.999999 |
| Cd   | 114Linear Thru Zero | 0.999997 |
| > In | 115Linear Thru Zero |          |
| Sb   | 121Linear Thru Zero | 0.999904 |
| Sb   | 123Linear Thru Zero | 0.999796 |
| Ba   | 135Linear Thru Zero | 1.000000 |
| Ba   | 137Linear Thru Zero | 0.999997 |
| Ho   | 165Linear Thru Zero |          |
| > Tb | 159Linear Thru Zero |          |
| Hg   | 201Linear Thru Zero | 0.999919 |
| Hg   | 202Linear Thru Zero | 0.999956 |
| Tl   | 205Linear Thru Zero | 0.999998 |
| Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: AE11928

Report Date/Time: Thursday, May 30, 2002 14:03:56

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**WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH****Method 200.8 - Summary Report****Sample ID: AE11929**

Sample Date/Time: Thursday, May 30, 2002 14:15:28

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\AE11929.422

Aliquot Volume (mL):

Diluted To Volume (mL):

**Concentration Results**

|   | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|---|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [ | Be      | 9    | 7.667              | 19.924            | 0.000            | 0.00432    | 72.39     | ug/L        |
| > | Li      | 6    | 68060.242          | 2.131             | 68060.242        |            |           | ug/L        |
| > | Sc-1    | 45   | 474233.929         | 1.989             | 474233.929       |            |           | ug/L        |
|   | Cr      | 52   | 8814.359           | 0.946             | 0.002            | 0.10729    | 8.92      | ug/L        |
|   | Cr      | 53   | 1600.490           | 2.457             | 0.002            | 0.97998    | 5.10      | ug/L        |
|   | Mn      | 55   | 504290.674         | 1.202             | 1.061            | 30.80010   | 1.61      | ug/L        |
|   | Co      | 59   | 404.680            | 4.505             | 0.001            | 0.02295    | 5.29      | ug/L        |
|   | Ni      | 60   | 1020.734           | 7.180             | 0.002            | 0.40794    | 6.45      | ug/L        |
|   | Cu      | 63   | 47514.361          | 2.254             | 0.099            | 9.56551    | 0.27      | ug/L        |
|   | Cu      | 65   | 22378.405          | 1.586             | 0.047            | 9.42325    | 1.77      | ug/L        |
|   | Zn      | 66   | 4566.192           | 1.980             | 0.039            | 2.24646    | 1.75      | ug/L        |
|   | Zn      | 67   | 927.057            | 4.207             | 0.008            | 2.67507    | 4.49      | ug/L        |
|   | Zn      | 68   | 3922.219           | 2.138             | 0.034            | 2.69114    | 2.32      | ug/L        |
| > | Ge      | 72   | 95633.010          | 0.598             | 95633.010        |            |           | ug/L        |
|   | As      | 75   | 1067.277           | 3.267             | 0.009            | 0.46200    | 3.62      | ug/L        |
|   | Se      | 77   | 211.111            | 10.836            | 0.001            | 0.45255    | 27.24     | ug/L        |
|   | Se      | 82   | 59.520             | 35.456            | 0.001            | 0.23812    | 40.80     | ug/L        |
|   | As-1    | 75   | 1142.750           | 5.823             | 1046.082         | 0.55902    | 6.36      | ug/L        |
|   | Kr      | 83   | 132.002            | 6.604             | -20.334          |            |           | ug/L        |
|   | Ag      | 107  | 245.006            | 1.870             | -0.001           | -0.06731   | 1.24      | ug/L        |
|   | Cd      | 111  | 87.668             | 7.595             | 0.000            | 0.02280    | 9.92      | ug/L        |
|   | Cd      | 114  | 189.517            | 2.448             | 0.000            | 0.02086    | 5.88      | ug/L        |
| > | In      | 115  | 1234075.303        | 1.648             | 1234075.303      |            |           | ug/L        |
|   | Sb      | 121  | 463.683            | 4.128             | 0.000            | 0.05212    | 6.23      | ug/L        |
|   | Sb      | 123  | 383.043            | 5.875             | 0.000            | 0.05607    | 5.62      | ug/L        |
|   | Ba      | 135  | 45945.632          | 1.914             | 0.026            | 19.19974   | 1.21      | ug/L        |
|   | Ba      | 137  | 80864.970          | 2.098             | 0.045            | 19.25466   | 1.60      | ug/L        |
|   | Ho      | 165  | 1785888.355        | 0.700             | 0.002            |            |           | ug/L        |
| > | Tb      | 159  | 1782500.229        | 1.365             | 1782500.229      |            |           | ug/L        |
|   | Hg      | 201  | 78.001             | 10.176            | 0.000            | 0.02814    | 25.00     | ug/L        |
|   | Hg      | 202  | 156.670            | 4.958             | 0.000            | 0.02707    | 8.49      | ug/L        |
|   | Tl      | 205  | 945.059            | 4.506             | 0.000            | 0.00988    | 11.04     | ug/L        |
|   | Pb      | 208  | 12867.345          | 1.981             | 0.005            | 0.24709    | 0.88      | ug/L        |

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### QC Calculated Values

|    | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|----|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [  | Be      | 9    |                   |                    |                  |                 |                  |
| [> | Li      | 6    |                   | 95.008             |                  |                 |                  |
| [> | Sc-1    | 45   |                   | 96.756             |                  |                 |                  |
|    | Cr      | 52   |                   |                    |                  |                 |                  |
|    | Cr      | 53   |                   |                    |                  |                 |                  |
|    | Mn      | 55   |                   |                    |                  |                 |                  |
|    | Co      | 59   |                   |                    |                  |                 |                  |
|    | Ni      | 60   |                   |                    |                  |                 |                  |
|    | Cu      | 63   |                   |                    |                  |                 |                  |
|    | Cu      | 65   |                   |                    |                  |                 |                  |
|    | Zn      | 66   |                   |                    |                  |                 |                  |
|    | Zn      | 67   |                   |                    |                  |                 |                  |
|    | Zn      | 68   |                   |                    |                  |                 |                  |
| [> | Ge      | 72   |                   | 98.640             |                  |                 |                  |
|    | As      | 75   |                   |                    |                  |                 |                  |
|    | Se      | 77   |                   |                    |                  |                 |                  |
|    | Se      | 82   |                   |                    |                  |                 |                  |
|    | As-1    | 75   |                   |                    |                  |                 |                  |
|    | Kr      | 83   |                   |                    |                  |                 |                  |
| [  | Ag      | 107  |                   |                    |                  |                 |                  |
|    | Cd      | 111  |                   |                    |                  |                 |                  |
|    | Cd      | 114  |                   |                    |                  |                 |                  |
| [> | in      | 115  |                   | 99.243             |                  |                 |                  |
|    | Sb      | 121  |                   |                    |                  |                 |                  |
|    | Sb      | 123  |                   |                    |                  |                 |                  |
|    | Ba      | 135  |                   |                    |                  |                 |                  |
|    | Ba      | 137  |                   |                    |                  |                 |                  |
|    | Ho      | 165  |                   |                    |                  |                 |                  |
| [> | Tb      | 159  |                   | 100.231            |                  |                 |                  |
|    | Hg      | 201  |                   |                    |                  |                 |                  |
|    | Hg      | 202  |                   |                    |                  |                 |                  |
|    | Tl      | 205  |                   |                    |                  |                 |                  |
|    | Pb      | 208  |                   |                    |                  |                 |                  |

### Calibration

|    | Analyte | MassCurve Type     | Correlation Coefficient |
|----|---------|--------------------|-------------------------|
| -  | Be      | 9Linear Thru Zero  | 1.000000                |
| [> | Li      | 6Linear Thru Zero  |                         |
| [> | Sc-1    | 45Linear Thru Zero |                         |
|    | Cr      | 52Linear Thru Zero | 0.999991                |
|    | Cr      | 53Linear Thru Zero | 0.999972                |
|    | Mn      | 55Linear Thru Zero | 0.999999                |
|    | Co      | 59Linear Thru Zero | 0.999993                |
|    | Ni      | 60Linear Thru Zero | 0.999997                |
|    | Cu      | 63Linear Thru Zero | 1.000000                |
| :  | Cu      | 65Linear Thru Zero | 1.000000                |
|    | Zn      | 66Linear Thru Zero | 0.999947                |
|    | Zn      | 67Linear Thru Zero | 0.999952                |
|    | Zn      | 68Linear Thru Zero | 0.999963                |
| [> | Ge      | 72Linear Thru Zero |                         |
|    | As      | 75Linear Thru Zero | 0.999996                |

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|        |                     |          |
|--------|---------------------|----------|
| Se     | 77Linear Thru Zero  | 1.000000 |
| - Se   | 82Linear Thru Zero  | 0.999962 |
| - As-1 | 75Linear Thru Zero  | 0.999982 |
| Kr     | 83Linear Thru Zero  |          |
| - Ag   | 107Linear Thru Zero | 0.999975 |
| Cd     | 111Linear Thru Zero | 0.999999 |
| Cd     | 114Linear Thru Zero | 0.999997 |
| > In   | 115Linear Thru Zero |          |
| Sb     | 121Linear Thru Zero | 0.999904 |
| Sb     | 123Linear Thru Zero | 0.999796 |
| - Ba   | 135Linear Thru Zero | 1.000000 |
| Ba     | 137Linear Thru Zero | 0.999997 |
| Ho     | 165Linear Thru Zero |          |
| > Tb   | 159Linear Thru Zero |          |
| Hg     | 201Linear Thru Zero | 0.999919 |
| Hg     | 202Linear Thru Zero | 0.999956 |
| Tl     | 205Linear Thru Zero | 0.999998 |
| - Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: AE11929

Report Date/Time: Thursday, May 30, 2002 14:17:25

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# WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH

## Method 200.8 - Summary Report

**Sample ID: AE11930**

Sample Date/Time: Thursday, May 30, 2002 14:18:41

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\AE11930.423

Aliquot Volume (mL):

Diluted To Volume (mL):

### Concentration Results

|    | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|----|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [  | Be      | 9    | 6.000              | 33.333            | 0.000            | 0.00101    | 467.45    | ug/L        |
| [> | Li      | 6    | 66546.701          | 1.309             | 66546.701        |            |           | ug/L        |
| [> | Sc-1    | 45   | 463318.496         | 0.488             | 463318.496       |            |           | ug/L        |
|    | Cr      | 52   | 8189.770           | 2.264             | 0.001            | 0.06240    | 29.98     | ug/L        |
|    | Cr      | 53   | 1770.857           | 0.534             | 0.003            | 1.16215    | 0.81      | ug/L        |
|    | Mn      | 55   | 638584.564         | 1.199             | 1.376            | 39.93686   | 0.72      | ug/L        |
|    | Co      | 59   | 464.350            | 5.107             | 0.001            | 0.02907    | 6.70      | ug/L        |
|    | Ni      | 60   | 1220.094           | 2.488             | 0.003            | 0.50524    | 2.10      | ug/L        |
|    | Cu      | 63   | 63483.188          | 0.485             | 0.136            | 13.11058   | 0.65      | ug/L        |
|    | Cu      | 65   | 29980.991          | 0.794             | 0.064            | 12.94477   | 0.53      | ug/L        |
| [  | Zn      | 66   | 4283.719           | 1.005             | 0.037            | 2.14995    | 2.33      | ug/L        |
|    | Zn      | 67   | 822.379            | 2.881             | 0.007            | 2.39290    | 3.36      | ug/L        |
|    | Zn      | 68   | 3788.827           | 1.969             | 0.034            | 2.67134    | 3.39      | ug/L        |
| [> | Ge      | 72   | 92971.266          | 0.894             | 92971.266        |            |           | ug/L        |
|    | As      | 75   | 1065.736           | 12.546            | 0.010            | 0.47716    | 15.47     | ug/L        |
|    | Se      | 77   | 235.570            | 9.574             | 0.001            | 0.62713    | 22.05     | ug/L        |
|    | Se      | 82   | 62.753             | 60.269            | 0.001            | 0.26293    | 69.78     | ug/L        |
| [  | As-1    | 75   | 1227.428           | 2.072             | 1130.760         | 0.60427    | 2.25      | ug/L        |
|    | Kr      | 83   | 143.669            | 6.239             | -8.667           |            |           | ug/L        |
| [  | Ag      | 107  | 267.673            | 3.111             | -0.001           | -0.06424   | 1.70      | ug/L        |
|    | Cd      | 111  | 73.668             | 20.557            | 0.000            | 0.01840    | 34.28     | ug/L        |
|    | Cd      | 114  | 144.482            | 11.840            | 0.000            | 0.01420    | 22.30     | ug/L        |
| [> | In      | 115  | 1194374.789        | 0.979             | 1194374.789      |            |           | ug/L        |
|    | Sb      | 121  | 496.352            | 5.259             | 0.000            | 0.05815    | 5.26      | ug/L        |
|    | Sb      | 123  | 366.866            | 6.191             | 0.000            | 0.05547    | 7.86      | ug/L        |
| [  | Ba      | 135  | 50792.012          | 1.046             | 0.029            | 21.72847   | 0.93      | ug/L        |
|    | Ba      | 137  | 88908.201          | 0.534             | 0.051            | 21.67199   | 0.91      | ug/L        |
|    | Ho      | 165  | 1741291.868        | 1.662             | -0.000           |            |           | ug/L        |
| [> | Tb      | 159  | 1741424.466        | 1.112             | 1741424.466      |            |           | ug/L        |
|    | Hg      | 201  | 58.667             | 5.986             | 0.000            | 0.01324    | 25.29     | ug/L        |
|    | Hg      | 202  | 128.336            | 1.622             | 0.000            | 0.01785    | 6.93      | ug/L        |
|    | Tl      | 205  | 907.721            | 7.799             | 0.000            | 0.00930    | 24.96     | ug/L        |
|    | Pb      | 208  | 14675.792          | 1.088             | 0.006            | 0.30521    | 2.22      | ug/L        |

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### QC Calculated Values

|   | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|---|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ | Be      | 9    |                   |                    |                  |                 |                  |
| > | Li      | 6    |                   | 92.895             |                  |                 |                  |
| > | Sc-1    | 45   |                   | 94.529             |                  |                 |                  |
|   | Cr      | 52   |                   |                    |                  |                 |                  |
|   | Cr      | 53   |                   |                    |                  |                 |                  |
|   | Mn      | 55   |                   |                    |                  |                 |                  |
|   | Co      | 59   |                   |                    |                  |                 |                  |
|   | Ni      | 60   |                   |                    |                  |                 |                  |
|   | Cu      | 63   |                   |                    |                  |                 |                  |
|   | Cu      | 65   |                   |                    |                  |                 |                  |
|   | Zn      | 66   |                   |                    |                  |                 |                  |
|   | Zn      | 67   |                   |                    |                  |                 |                  |
|   | Zn      | 68   |                   |                    |                  |                 |                  |
| > | Ge      | 72   |                   | 95.895             |                  |                 |                  |
|   | As      | 75   |                   |                    |                  |                 |                  |
|   | Se      | 77   |                   |                    |                  |                 |                  |
|   | Se      | 82   |                   |                    |                  |                 |                  |
|   | As-1    | 75   |                   |                    |                  |                 |                  |
|   | Kr      | 83   |                   |                    |                  |                 |                  |
|   | Ag      | 107  |                   |                    |                  |                 |                  |
|   | Cd      | 111  |                   |                    |                  |                 |                  |
|   | Cd      | 114  |                   |                    |                  |                 |                  |
| > | In      | 115  |                   | 96.050             |                  |                 |                  |
|   | Sb      | 121  |                   |                    |                  |                 |                  |
|   | Sb      | 123  |                   |                    |                  |                 |                  |
|   | Ba      | 135  |                   |                    |                  |                 |                  |
|   | Ba      | 137  |                   |                    |                  |                 |                  |
|   | Ho      | 165  |                   |                    |                  |                 |                  |
| > | Tb      | 159  |                   | 97.922             |                  |                 |                  |
|   | Hg      | 201  |                   |                    |                  |                 |                  |
|   | Hg      | 202  |                   |                    |                  |                 |                  |
|   | Tl      | 205  |                   |                    |                  |                 |                  |
|   | Pb      | 208  |                   |                    |                  |                 |                  |

### Calibration

|   | Analyte | Mass | Curve Type       | Correlation Coefficient |
|---|---------|------|------------------|-------------------------|
| - | Be      | 9    | Linear Thru Zero | 1.000000                |
| > | Li      | 6    | Linear Thru Zero |                         |
| > | Sc-1    | 45   | Linear Thru Zero |                         |
|   | Cr      | 52   | Linear Thru Zero | 0.999991                |
|   | Cr      | 53   | Linear Thru Zero | 0.999972                |
|   | Mn      | 55   | Linear Thru Zero | 0.999999                |
|   | Co      | 59   | Linear Thru Zero | 0.999993                |
|   | Ni      | 60   | Linear Thru Zero | 0.999997                |
|   | Cu      | 63   | Linear Thru Zero | 1.000000                |
|   | Cu      | 65   | Linear Thru Zero | 1.000000                |
|   | Zn      | 66   | Linear Thru Zero | 0.999947                |
|   | Zn      | 67   | Linear Thru Zero | 0.999952                |
|   | Zn      | 68   | Linear Thru Zero | 0.999963                |
| > | Ge      | 72   | Linear Thru Zero |                         |
|   | As      | 75   | Linear Thru Zero | 0.999996                |

Sample ID: AE11930

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|   |      |                     |          |
|---|------|---------------------|----------|
|   | Se   | 77Linear Thru Zero  | 1.000000 |
| - | Se   | 82Linear Thru Zero  | 0.999962 |
|   | As-1 | 75Linear Thru Zero  | 0.999982 |
|   | Kr   | 83Linear Thru Zero  |          |
| - | Ag   | 107Linear Thru Zero | 0.999975 |
|   | Cd   | 111Linear Thru Zero | 0.999999 |
|   | Cd   | 114Linear Thru Zero | 0.999997 |
| > | In   | 115Linear Thru Zero |          |
|   | Sb   | 121Linear Thru Zero | 0.999904 |
|   | Sb   | 123Linear Thru Zero | 0.999796 |
| : | Ba   | 135Linear Thru Zero | 1.000000 |
|   | Ba   | 137Linear Thru Zero | 0.999997 |
|   | Ho   | 165Linear Thru Zero |          |
| > | Tb   | 159Linear Thru Zero |          |
|   | Hg   | 201Linear Thru Zero | 0.999919 |
|   | Hg   | 202Linear Thru Zero | 0.999956 |
|   | Tl   | 205Linear Thru Zero | 0.999998 |
| - | Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: AE11930

Report Date/Time: Thursday, May 30, 2002 14:20:37

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**WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH****Method 200.8 - Summary Report****Sample ID: AE11931**

Sample Date/Time: Thursday, May 30, 2002 14:21:58

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\AE11931.424

Aliquot Volume (mL):

Diluted To Volume (mL):

**Concentration Results**

|    | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|----|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [  | Be      | 9    | 7.667              | 49.382            | 0.000            | 0.00517    | 174.30    | ug/L        |
| [> | Li      | 6    | 65206.705          | 1.511             | 65206.705        |            |           | ug/L        |
| [> | Sc-1    | 45   | 448175.817         | 1.095             | 448175.817       |            |           | ug/L        |
|    | Cr      | 52   | 8685.901           | 0.377             | 0.003            | 0.14629    | 7.74      | ug/L        |
|    | Cr      | 53   | 1478.802           | 1.738             | 0.002            | 0.94899    | 3.92      | ug/L        |
|    | Mn      | 55   | 299623.483         | 0.070             | 0.666            | 19.33257   | 1.06      | ug/L        |
|    | Co      | 59   | 302.341            | 5.254             | 0.000            | 0.01560    | 9.04      | ug/L        |
|    | Ni      | 60   | 733.370            | 1.160             | 0.002            | 0.30388    | 0.48      | ug/L        |
|    | Cu      | 63   | 30721.801          | 1.164             | 0.068            | 6.52017    | 0.20      | ug/L        |
|    | Cu      | 65   | 14503.706          | 1.168             | 0.032            | 6.44062    | 0.97      | ug/L        |
| [  | Zn      | 66   | 3490.372           | 1.451             | 0.030            | 1.71390    | 0.58      | ug/L        |
|    | Zn      | 67   | 722.703            | 1.752             | 0.006            | 2.10654    | 2.56      | ug/L        |
|    | Zn      | 68   | 3046.541           | 1.333             | 0.027            | 2.11632    | 2.45      | ug/L        |
| [> | Ge      | 72   | 90506.226          | 1.034             | 90506.226        |            |           | ug/L        |
|    | As      | 75   | 1031.479           | 2.452             | 0.010            | 0.47354    | 2.07      | ug/L        |
|    | Se      | 77   | 196.896            | 6.290             | 0.001            | 0.43551    | 15.00     | ug/L        |
|    | Se      | 82   | 66.141             | 1.905             | 0.001            | 0.28706    | 2.73      | ug/L        |
|    | As-1    | 75   | 1087.743           | 1.395             | 991.074          | 0.52962    | 1.53      | ug/L        |
|    | Kr      | 83   | 137.336            | 10.611            | -15.000          |            |           | ug/L        |
| [  | Ag      | 107  | 216.338            | 10.942            | -0.001           | -0.06894   | 3.97      | ug/L        |
|    | Cd      | 111  | 52.667             | 15.229            | 0.000            | 0.01041    | 29.79     | ug/L        |
|    | Cd      | 114  | 133.317            | 7.437             | 0.000            | 0.01272    | 10.78     | ug/L        |
| [> | In      | 115  | 1170817.748        | 1.751             | 1170817.748      |            |           | ug/L        |
|    | Sb      | 121  | 423.347            | 6.565             | 0.000            | 0.04991    | 5.51      | ug/L        |
|    | Sb      | 123  | 329.125            | 6.179             | 0.000            | 0.05027    | 6.34      | ug/L        |
| [  | Ba      | 135  | 39502.370          | 0.909             | 0.023            | 17.41034   | 0.35      | ug/L        |
|    | Ba      | 137  | 68082.673          | 0.625             | 0.040            | 17.09796   | 0.07      | ug/L        |
|    | Ho      | 165  | 1697788.580        | 0.175             | 0.004            |            |           | ug/L        |
| [> | Tb      | 159  | 1689904.197        | 0.560             | 1689904.197      |            |           | ug/L        |
|    | Hg      | 201  | 56.667             | 17.764            | 0.000            | 0.01298    | 66.89     | ug/L        |
|    | Hg      | 202  | 133.669            | 3.374             | 0.000            | 0.02136    | 8.90      | ug/L        |
|    | Tl      | 205  | 857.716            | 4.939             | 0.000            | 0.00841    | 17.79     | ug/L        |
|    | Pb      | 208  | 5235.980           | 0.820             | 0.001            | 0.04917    | 1.15      | ug/L        |

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Report Date/Time: Thursday, May 30, 2002 14:23:54

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### QC Calculated Values

|    | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Splke % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|----|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [  | Be      | 9    |                   |                    |                  |                 |                  |
| [> | Li      | 6    |                   | 91.025             |                  |                 |                  |
| [> | Sc-1    | 45   |                   | 91.440             |                  |                 |                  |
|    | Cr      | 52   |                   |                    |                  |                 |                  |
|    | Cr      | 53   |                   |                    |                  |                 |                  |
|    | Mn      | 55   |                   |                    |                  |                 |                  |
|    | Co      | 59   |                   |                    |                  |                 |                  |
|    | Ni      | 60   |                   |                    |                  |                 |                  |
|    | Cu      | 63   |                   |                    |                  |                 |                  |
|    | Cu      | 65   |                   |                    |                  |                 |                  |
| [  | Zn      | 66   |                   |                    |                  |                 |                  |
|    | Zn      | 67   |                   |                    |                  |                 |                  |
|    | Zn      | 68   |                   |                    |                  |                 |                  |
| >  | Ge      | 72   |                   | 93.352             |                  |                 |                  |
|    | As      | 75   |                   |                    |                  |                 |                  |
|    | Se      | 77   |                   |                    |                  |                 |                  |
| [  | Se      | 82   |                   |                    |                  |                 |                  |
|    | As-1    | 75   |                   |                    |                  |                 |                  |
|    | Kr      | 83   |                   |                    |                  |                 |                  |
| [  | Ag      | 107  |                   |                    |                  |                 |                  |
|    | Cd      | 111  |                   |                    |                  |                 |                  |
|    | Cd      | 114  |                   |                    |                  |                 |                  |
| >  | In      | 115  |                   | 94.156             |                  |                 |                  |
|    | Sb      | 121  |                   |                    |                  |                 |                  |
| [  | Sb      | 123  |                   |                    |                  |                 |                  |
|    | Ba      | 135  |                   |                    |                  |                 |                  |
|    | Ba      | 137  |                   |                    |                  |                 |                  |
|    | Ho      | 165  |                   |                    |                  |                 |                  |
| >  | Tb      | 159  |                   | 95.025             |                  |                 |                  |
|    | Hg      | 201  |                   |                    |                  |                 |                  |
|    | Hg      | 202  |                   |                    |                  |                 |                  |
|    | Tl      | 205  |                   |                    |                  |                 |                  |
| [  | Pb      | 208  |                   |                    |                  |                 |                  |

### Calibration

|   | Analyte | Mass | Curve Type       | Correlation Coefficient |
|---|---------|------|------------------|-------------------------|
| - | Be      | 9    | Linear Thru Zero | 1.000000                |
| > | Li      | 6    | Linear Thru Zero |                         |
| > | Sc-1    | 45   | Linear Thru Zero |                         |
|   | Cr      | 52   | Linear Thru Zero | 0.999991                |
|   | Cr      | 53   | Linear Thru Zero | 0.999972                |
|   | Mn      | 55   | Linear Thru Zero | 0.999999                |
|   | Co      | 59   | Linear Thru Zero | 0.999993                |
|   | Ni      | 60   | Linear Thru Zero | 0.999997                |
|   | Cu      | 63   | Linear Thru Zero | 1.000000                |
|   | Cu      | 65   | Linear Thru Zero | 1.000000                |
|   | Zn      | 66   | Linear Thru Zero | 0.999947                |
|   | Zn      | 67   | Linear Thru Zero | 0.999952                |
|   | Zn      | 68   | Linear Thru Zero | 0.999963                |
| > | Ge      | 72   | Linear Thru Zero |                         |
|   | As      | 75   | Linear Thru Zero | 0.999996                |

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|   |      |                     |          |
|---|------|---------------------|----------|
|   | Se   | 77Linear Thru Zero  | 1.000000 |
| - | Se   | 82Linear Thru Zero  | 0.999962 |
|   | As-1 | 75Linear Thru Zero  | 0.999982 |
|   | Kr   | 83Linear Thru Zero  |          |
| - | Ag   | 107Linear Thru Zero | 0.999975 |
|   | Cd   | 111Linear Thru Zero | 0.999999 |
|   | Cd   | 114Linear Thru Zero | 0.999997 |
| > | In   | 115Linear Thru Zero |          |
|   | Sb   | 121Linear Thru Zero | 0.999904 |
|   | Sb   | 123Linear Thru Zero | 0.999796 |
| - | Ba   | 135Linear Thru Zero | 1.000000 |
|   | Ba   | 137Linear Thru Zero | 0.999997 |
|   | Ho   | 165Linear Thru Zero |          |
| > | Tb   | 159Linear Thru Zero |          |
|   | Hg   | 201Linear Thru Zero | 0.999919 |
|   | Hg   | 202Linear Thru Zero | 0.999956 |
|   | Tl   | 205Linear Thru Zero | 0.999998 |
| - | Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: AE11931

Report Date/Time: Thursday, May 30, 2002 14:23:54

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**WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH****Method 200.8 - Summary Report****Sample ID: AE11932**

Sample Date/Time: Thursday, May 30, 2002 14:25:15

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\AE11932.425

Aliquot Volume (mL):

Diluted To Volume (mL):

**Concentration Results**

|    | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|----|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [  | Be      | 9    | 7.667              | 45.807            | 0.000            | 0.00564    | 145.99    | ug/L        |
| [> | Li      | 6    | 63083.086          | 0.831             | 63083.086        |            |           | ug/L        |
| [> | Sc-1    | 45   | 446024.786         | 0.478             | 446024.786       |            |           | ug/L        |
|    | Cr      | 52   | 10170.790          | 2.423             | 0.006            | 0.31445    | 7.37      | ug/L        |
|    | Cr      | 53   | 1797.862           | 2.303             | 0.003            | 1.24731    | 2.53      | ug/L        |
|    | Mn      | 55   | 556392.480         | 1.834             | 1.245            | 36.13766   | 1.42      | ug/L        |
|    | Co      | 59   | 638.695            | 1.521             | 0.001            | 0.04674    | 1.94      | ug/L        |
|    | Ni      | 60   | 1320.109           | 1.370             | 0.003            | 0.57121    | 1.70      | ug/L        |
|    | Cu      | 63   | 64874.641          | 0.570             | 0.145            | 13.92213   | 0.61      | ug/L        |
| [  | Cu      | 65   | 30950.913          | 1.301             | 0.069            | 13.88708   | 1.60      | ug/L        |
| [  | Zn      | 66   | 6830.635           | 2.666             | 0.066            | 3.85486    | 1.76      | ug/L        |
|    | Zn      | 67   | 1299.439           | 3.292             | 0.013            | 4.22826    | 2.21      | ug/L        |
|    | Zn      | 68   | 5768.554           | 0.933             | 0.057            | 4.46963    | 1.27      | ug/L        |
| [> | Ge      | 72   | 90498.169          | 1.353             | 90498.169        |            |           | ug/L        |
|    | As      | 75   | 901.108            | 11.726            | 0.008            | 0.40331    | 14.13     | ug/L        |
|    | Se      | 77   | 245.530            | 5.295             | 0.001            | 0.72140    | 8.15      | ug/L        |
| [  | Se      | 82   | 92.438             | 10.575            | 0.001            | 0.41718    | 11.73     | ug/L        |
|    | As-1    | 75   | 1064.406           | 4.031             | 967.738          | 0.51715    | 4.43      | ug/L        |
|    | Kr      | 83   | 141.669            | 3.553             | -10.667          |            |           | ug/L        |
| [  | Ag      | 107  | 199.004            | 5.925             | -0.001           | -0.07056   | 1.88      | ug/L        |
|    | Cd      | 111  | 58.334             | 12.041            | 0.000            | 0.01295    | 23.39     | ug/L        |
|    | Cd      | 114  | 113.827            | 14.422            | 0.000            | 0.00951    | 30.91     | ug/L        |
| [> | In      | 115  | 1160368.495        | 0.645             | 1160368.495      |            |           | ug/L        |
|    | Sb      | 121  | 373.011            | 6.934             | 0.000            | 0.04382    | 7.49      | ug/L        |
| [  | Sb      | 123  | 280.608            | 2.783             | 0.000            | 0.04249    | 3.62      | ug/L        |
| [  | Ba      | 135  | 58754.513          | 0.755             | 0.035            | 25.85889   | 0.95      | ug/L        |
|    | Ba      | 137  | 101171.880         | 0.796             | 0.060            | 25.37198   | 1.63      | ug/L        |
|    | Ho      | 165  | 1708132.234        | 0.570             | 0.009            |            |           | ug/L        |
| [> | Tb      | 159  | 1692844.086        | 0.858             | 1692844.086      |            |           | ug/L        |
|    | Hg      | 201  | 47.667             | 6.744             | 0.000            | 0.00507    | 62.17     | ug/L        |
|    | Hg      | 202  | 93.335             | 4.330             | 0.000            | 0.00576    | 27.94     | ug/L        |
|    | Tl      | 205  | 841.047            | 6.311             | 0.000            | 0.00772    | 29.50     | ug/L        |
| [  | Pb      | 208  | 18994.634          | 0.688             | 0.009            | 0.43936    | 1.03      | ug/L        |

Sample ID: AE11932

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### QC Calculated Values

|   | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|---|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ | Be      | 9    |                   |                    |                  |                 |                  |
| > | Li      | 6    |                   | 88.060             |                  |                 |                  |
| > | Sc-1    | 45   |                   | 91.001             |                  |                 |                  |
|   | Cr      | 52   |                   |                    |                  |                 |                  |
|   | Cr      | 53   |                   |                    |                  |                 |                  |
|   | Mn      | 55   |                   |                    |                  |                 |                  |
|   | Co      | 59   |                   |                    |                  |                 |                  |
|   | Ni      | 60   |                   |                    |                  |                 |                  |
|   | Cu      | 63   |                   |                    |                  |                 |                  |
|   | Cu      | 65   |                   |                    |                  |                 |                  |
|   | Zn      | 66   |                   |                    |                  |                 |                  |
|   | Zn      | 67   |                   |                    |                  |                 |                  |
|   | Zn      | 68   |                   |                    |                  |                 |                  |
| > | Ge      | 72   |                   | 93.344             |                  |                 |                  |
|   | As      | 75   |                   |                    |                  |                 |                  |
|   | Se      | 77   |                   |                    |                  |                 |                  |
|   | Se      | 82   |                   |                    |                  |                 |                  |
|   | As-1    | 75   |                   |                    |                  |                 |                  |
|   | Kr      | 83   |                   |                    |                  |                 |                  |
|   | Ag      | 107  |                   |                    |                  |                 |                  |
|   | Cd      | 111  |                   |                    |                  |                 |                  |
|   | Cd      | 114  |                   |                    |                  |                 |                  |
| > | In      | 115  |                   | 93.316             |                  |                 |                  |
|   | Sb      | 121  |                   |                    |                  |                 |                  |
|   | Sb      | 123  |                   |                    |                  |                 |                  |
|   | Ba      | 135  |                   |                    |                  |                 |                  |
|   | Ba      | 137  |                   |                    |                  |                 |                  |
|   | Ho      | 165  |                   |                    |                  |                 |                  |
| > | Tb      | 159  |                   | 95.190             |                  |                 |                  |
|   | Hg      | 201  |                   |                    |                  |                 |                  |
|   | Hg      | 202  |                   |                    |                  |                 |                  |
|   | Tl      | 205  |                   |                    |                  |                 |                  |
|   | Pb      | 208  |                   |                    |                  |                 |                  |

### Calibration

|   | Analyte | MassCurve Type     | Correlation Coefficient |
|---|---------|--------------------|-------------------------|
| - | Be      | 9Linear Thru Zero  | 1.000000                |
| > | Li      | 6Linear Thru Zero  |                         |
| > | Sc-1    | 45Linear Thru Zero |                         |
|   | Cr      | 52Linear Thru Zero | 0.999991                |
|   | Cr      | 53Linear Thru Zero | 0.999972                |
|   | Mn      | 55Linear Thru Zero | 0.999999                |
|   | Co      | 59Linear Thru Zero | 0.999993                |
|   | Ni      | 60Linear Thru Zero | 0.999997                |
|   | Cu      | 63Linear Thru Zero | 1.000000                |
|   | Cu      | 65Linear Thru Zero | 1.000000                |
|   | Zn      | 66Linear Thru Zero | 0.999947                |
|   | Zn      | 67Linear Thru Zero | 0.999952                |
|   | Zn      | 68Linear Thru Zero | 0.999963                |
| > | Ge      | 72Linear Thru Zero |                         |
|   | As      | 75Linear Thru Zero | 0.999996                |

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|   |      |                     |          |
|---|------|---------------------|----------|
|   | Se   | 77Linear Thru Zero  | 1.000000 |
| - | Se   | 82Linear Thru Zero  | 0.999962 |
|   | As-1 | 75Linear Thru Zero  | 0.999982 |
|   | Kr   | 83Linear Thru Zero  |          |
| - | Ag   | 107Linear Thru Zero | 0.999975 |
|   | Cd   | 111Linear Thru Zero | 0.999999 |
|   | Cd   | 114Linear Thru Zero | 0.999997 |
| > | In   | 115Linear Thru Zero |          |
|   | Sb   | 121Linear Thru Zero | 0.999904 |
|   | Sb   | 123Linear Thru Zero | 0.999796 |
| - | Ba   | 135Linear Thru Zero | 1.000000 |
|   | Ba   | 137Linear Thru Zero | 0.999997 |
|   | Ho   | 165Linear Thru Zero |          |
| > | Tb   | 159Linear Thru Zero |          |
|   | Hg   | 201Linear Thru Zero | 0.999919 |
|   | Hg   | 202Linear Thru Zero | 0.999956 |
|   | Tl   | 205Linear Thru Zero | 0.999998 |
| - | Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: AE11932

Report Date/Time: Thursday, May 30, 2002 14:27:11

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**WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH****Method 200.8 - Summary Report****Sample ID: AE12092**

Sample Date/Time: Thursday, May 30, 2002 14:28:32

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\AE12092.426

Aliquot Volume (mL):

Diluted To Volume (mL):

**Concentration Results**

|    | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|----|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [  | Be      | 9    | 6.667              | 31.225            | 0.000            | 0.00258    | 187.84    | ug/L        |
| [> | Li      | 6    | 66167.257          | 0.714             | 66167.257        |            |           | ug/L        |
| [> | Sc-1    | 45   | 454426.598         | 0.770             | 454426.598       |            |           | ug/L        |
|    | Cr      | 52   | 8394.292           | 1.944             | 0.002            | 0.10160    | 20.17     | ug/L        |
|    | Cr      | 53   | 1392.454           | 2.491             | 0.002            | 0.85250    | 2.76      | ug/L        |
|    | Mn      | 55   | 438451.363         | 1.530             | 0.962            | 27.93714   | 2.26      | ug/L        |
|    | Co      | 59   | 333.676            | 6.444             | 0.000            | 0.01805    | 10.24     | ug/L        |
|    | Ni      | 60   | 780.041            | 0.968             | 0.002            | 0.32008    | 0.38      | ug/L        |
|    | Cu      | 63   | 5623.796           | 2.838             | 0.012            | 1.11365    | 3.28      | ug/L        |
| [  | Cu      | 65   | 2613.068           | 2.644             | 0.005            | 1.08950    | 2.65      | ug/L        |
| [  | Zn      | 66   | 2037.582           | 4.733             | 0.013            | 0.76354    | 6.12      | ug/L        |
|    | Zn      | 67   | 519.687            | 2.764             | 0.004            | 1.33138    | 2.38      | ug/L        |
|    | Zn      | 68   | 1962.565           | 2.280             | 0.015            | 1.15452    | 2.70      | ug/L        |
| [> | Ge      | 72   | 91837.174          | 1.293             | 91837.174        |            |           | ug/L        |
|    | As      | 75   | 1020.822           | 5.419             | 0.009            | 0.45984    | 6.17      | ug/L        |
|    | Se      | 77   | 192.243            | 17.690            | 0.001            | 0.39289    | 51.55     | ug/L        |
| [  | Se      | 82   | 38.418             | 28.543            | 0.000            | 0.14758    | 37.36     | ug/L        |
|    | As-1    | 75   | 1071.741           | 4.133             | 975.072          | 0.52107    | 4.54      | ug/L        |
|    | Kr      | 83   | 143.669            | 11.144            | -8.667           |            |           | ug/L        |
| [  | Ag      | 107  | 72.334             | 4.224             | -0.001           | -0.08387   | 0.30      | ug/L        |
|    | Cd      | 111  | 49.334             | 9.579             | 0.000            | 0.00876    | 22.35     | ug/L        |
|    | Cd      | 114  | 135.635            | 12.907            | 0.000            | 0.01277    | 24.51     | ug/L        |
| [> | In      | 115  | 1189684.576        | 0.764             | 1189684.576      |            |           | ug/L        |
|    | Sb      | 121  | 403.680            | 4.265             | 0.000            | 0.04655    | 4.96      | ug/L        |
| [  | Sb      | 123  | 296.954            | 5.775             | 0.000            | 0.04402    | 5.94      | ug/L        |
| [  | Ba      | 135  | 41305.723          | 1.685             | 0.024            | 17.72594   | 0.75      | ug/L        |
|    | Ba      | 137  | 73482.190          | 0.582             | 0.042            | 17.97046   | 1.24      | ug/L        |
|    | Ho      | 165  | 1739863.109        | 0.400             | 0.002            |            |           | ug/L        |
| [> | Tb      | 159  | 1735558.457        | 0.956             | 1735558.457      |            |           | ug/L        |
|    | Hg      | 201  | 33.000             | 6.061             | -0.000           | -0.00847   | 18.48     | ug/L        |
|    | Hg      | 202  | 64.668             | 15.178            | -0.000           | -0.00586   | 66.80     | ug/L        |
|    | Tl      | 205  | 815.045            | 8.194             | 0.000            | 0.00593    | 40.05     | ug/L        |
| [  | Pb      | 208  | 4746.863           | 1.899             | 0.001            | 0.03172    | 7.02      | ug/L        |

Sample ID: AE12092

Report Date/Time: Thursday, May 30, 2002 14:30:29

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### QC Calculated Values

|   | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rei. % Diff |
|---|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ | Be      | 9    |                   |                    |                  |                 |                  |
| > | Li      | 6    |                   | 92.366             |                  |                 |                  |
| > | Sc-1    | 45   |                   | 92.715             |                  |                 |                  |
|   | Cr      | 52   |                   |                    |                  |                 |                  |
|   | Cr      | 53   |                   |                    |                  |                 |                  |
|   | Mn      | 55   |                   |                    |                  |                 |                  |
|   | Co      | 59   |                   |                    |                  |                 |                  |
|   | Ni      | 60   |                   |                    |                  |                 |                  |
|   | Cu      | 63   |                   |                    |                  |                 |                  |
|   | Cu      | 65   |                   |                    |                  |                 |                  |
| [ | Zn      | 66   |                   |                    |                  |                 |                  |
|   | Zn      | 67   |                   |                    |                  |                 |                  |
|   | Zn      | 68   |                   |                    |                  |                 |                  |
| > | Ge      | 72   |                   | 94.725             |                  |                 |                  |
|   | As      | 75   |                   |                    |                  |                 |                  |
|   | Se      | 77   |                   |                    |                  |                 |                  |
|   | Se      | 82   |                   |                    |                  |                 |                  |
|   | As-1    | 75   |                   |                    |                  |                 |                  |
|   | Kr      | 83   |                   |                    |                  |                 |                  |
| [ | Ag      | 107  |                   |                    |                  |                 |                  |
|   | Cd      | 111  |                   |                    |                  |                 |                  |
|   | Cd      | 114  |                   |                    |                  |                 |                  |
| > | In      | 115  |                   | 95.673             |                  |                 |                  |
|   | Sb      | 121  |                   |                    |                  |                 |                  |
|   | Sb      | 123  |                   |                    |                  |                 |                  |
| [ | Ba      | 135  |                   |                    |                  |                 |                  |
|   | Ba      | 137  |                   |                    |                  |                 |                  |
|   | Ho      | 165  |                   |                    |                  |                 |                  |
| > | Tb      | 159  |                   | 97.592             |                  |                 |                  |
|   | Hg      | 201  |                   |                    |                  |                 |                  |
|   | Hg      | 202  |                   |                    |                  |                 |                  |
|   | Tl      | 205  |                   |                    |                  |                 |                  |
|   | Pb      | 208  |                   |                    |                  |                 |                  |

### Calibration

|   | Analyte | Mass | Curve Type       | Correlation Coefficient |
|---|---------|------|------------------|-------------------------|
|   | Be      | 9    | Linear Thru Zero | 1.000000                |
| > | Li      | 6    | Linear Thru Zero |                         |
| > | Sc-1    | 45   | Linear Thru Zero |                         |
|   | Cr      | 52   | Linear Thru Zero | 0.999991                |
|   | Cr      | 53   | Linear Thru Zero | 0.999972                |
|   | Mn      | 55   | Linear Thru Zero | 0.999999                |
|   | Co      | 59   | Linear Thru Zero | 0.999993                |
|   | Ni      | 60   | Linear Thru Zero | 0.999997                |
|   | Cu      | 63   | Linear Thru Zero | 1.000000                |
|   | Cu      | 65   | Linear Thru Zero | 1.000000                |
|   | Zn      | 66   | Linear Thru Zero | 0.999947                |
|   | Zn      | 67   | Linear Thru Zero | 0.999952                |
|   | Zn      | 68   | Linear Thru Zero | 0.999963                |
| > | Ge      | 72   | Linear Thru Zero |                         |
|   | As      | 75   | Linear Thru Zero | 0.999996                |

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|   |      |                     |          |
|---|------|---------------------|----------|
|   | Se   | 77Linear Thru Zero  | 1.000000 |
| - | Se   | 82Linear Thru Zero  | 0.999962 |
|   | As-1 | 75Linear Thru Zero  | 0.999982 |
|   | Kr   | 83Linear Thru Zero  |          |
| - | Ag   | 107Linear Thru Zero | 0.999975 |
|   | Cd   | 111Linear Thru Zero | 0.999999 |
|   | Cd   | 114Linear Thru Zero | 0.999997 |
| > | In   | 115Linear Thru Zero |          |
|   | Sb   | 121Linear Thru Zero | 0.999904 |
|   | Sb   | 123Linear Thru Zero | 0.999796 |
| - | Ba   | 135Linear Thru Zero | 1.000000 |
|   | Ba   | 137Linear Thru Zero | 0.999997 |
|   | Ho   | 165Linear Thru Zero |          |
| > | Tb   | 159Linear Thru Zero |          |
|   | Hg   | 201Linear Thru Zero | 0.999919 |
|   | Hg   | 202Linear Thru Zero | 0.999956 |
|   | Tl   | 205Linear Thru Zero | 0.999998 |
| - | Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: AE12092

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# WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH

## Method 200.8 - Summary Report

**Sample ID: AE12093**

Sample Date/Time: Thursday, May 30, 2002 14:31:49

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\AE12093.427

Aliquot Volume (mL):

Diluted To Volume (mL):

### Concentration Results

|    | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|----|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [  | Be      | 9    | 9.333              | 6.186             | 0.000            | 0.00883    | 16.78     | ug/L        |
| [> | Li      | 6    | 65554.177          | 1.083             | 65554.177        |            |           | ug/L        |
| [> | Sc-1    | 45   | 450559.727         | 1.052             | 450559.727       |            |           | ug/L        |
|    | Cr      | 52   | 8664.214           | 1.404             | 0.003            | 0.13895    | 16.02     | ug/L        |
|    | Cr      | 53   | 1325.443           | 4.992             | 0.002            | 0.80263    | 7.48      | ug/L        |
|    | Mn      | 55   | 433697.983         | 1.403             | 0.960            | 27.86811   | 0.94      | ug/L        |
|    | Co      | 59   | 342.343            | 3.923             | 0.000            | 0.01911    | 6.21      | ug/L        |
|    | Ni      | 60   | 792.376            | 2.538             | 0.002            | 0.32855    | 1.73      | ug/L        |
|    | Cu      | 63   | 5068.130           | 1.779             | 0.010            | 1.00512    | 1.84      | ug/L        |
| [  | Cu      | 65   | 2320.986           | 2.479             | 0.005            | 0.96924    | 3.31      | ug/L        |
| [  | Zn      | 66   | 4537.178           | 3.110             | 0.041            | 2.35828    | 3.05      | ug/L        |
|    | Zn      | 67   | 915.389            | 4.182             | 0.008            | 2.78388    | 3.32      | ug/L        |
|    | Zn      | 68   | 3911.881           | 2.962             | 0.036            | 2.83300    | 2.59      | ug/L        |
| [> | Ge      | 72   | 91337.515          | 1.409             | 91337.515        |            |           | ug/L        |
|    | As      | 75   | 976.174            | 1.086             | 0.009            | 0.43897    | 1.11      | ug/L        |
|    | Se      | 77   | 189.085            | 8.017             | 0.001            | 0.37905    | 19.48     | ug/L        |
| [  | Se      | 82   | 46.810             | 41.168            | 0.000            | 0.18857    | 48.17     | ug/L        |
|    | As-1    | 75   | 1068.407           | 0.938             | 971.739          | 0.51929    | 1.03      | ug/L        |
|    | Kr      | 83   | 137.002            | 11.679            | -15.334          |            |           | ug/L        |
| [  | Ag      | 107  | 68.668             | 19.229            | -0.001           | -0.08412   | 1.58      | ug/L        |
|    | Cd      | 111  | 54.334             | 9.445             | 0.000            | 0.01114    | 19.64     | ug/L        |
|    | Cd      | 114  | 127.869            | 5.892             | 0.000            | 0.01181    | 10.26     | ug/L        |
| [> | In      | 115  | 1169131.655        | 0.493             | 1169131.655      |            |           | ug/L        |
|    | Sb      | 121  | 441.682            | 4.052             | 0.000            | 0.05241    | 4.79      | ug/L        |
| [  | Sb      | 123  | 319.240            | 2.818             | 0.000            | 0.04868    | 2.60      | ug/L        |
| [  | Ba      | 135  | 41675.064          | 1.169             | 0.025            | 18.33825   | 0.58      | ug/L        |
|    | Ba      | 137  | 72997.330          | 1.342             | 0.043            | 18.30238   | 0.80      | ug/L        |
|    | Ho      | 165  | 1721287.962        | 1.609             | 0.016            |            |           | ug/L        |
| [> | Tb      | 159  | 1692695.471        | 0.599             | 1692695.471      |            |           | ug/L        |
|    | Hg      | 201  | 30.334             | 15.580            | -0.000           | -0.01007   | 42.12     | ug/L        |
|    | Hg      | 202  | 59.334             | 3.508             | -0.000           | -0.00732   | 12.43     | ug/L        |
|    | Tl      | 205  | 779.708            | 8.277             | 0.000            | 0.00534    | 43.90     | ug/L        |
| [  | Pb      | 208  | 4685.182           | 2.914             | 0.001            | 0.03329    | 10.73     | ug/L        |

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# QC Calculated Values

|   | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|---|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ | Be      | 9    |                   |                    |                  |                 |                  |
| > | Li      | 6    |                   | 91.510             |                  |                 |                  |
| > | Sc-1    | 45   |                   | 91.926             |                  |                 |                  |
|   | Cr      | 52   |                   |                    |                  |                 |                  |
|   | Cr      | 53   |                   |                    |                  |                 |                  |
|   | Mn      | 55   |                   |                    |                  |                 |                  |
|   | Co      | 59   |                   |                    |                  |                 |                  |
|   | Ni      | 60   |                   |                    |                  |                 |                  |
|   | Cu      | 63   |                   |                    |                  |                 |                  |
| [ | Cu      | 65   |                   |                    |                  |                 |                  |
| [ | Zn      | 66   |                   |                    |                  |                 |                  |
|   | Zn      | 67   |                   |                    |                  |                 |                  |
|   | Zn      | 68   |                   |                    |                  |                 |                  |
| > | Ge      | 72   |                   | 94.210             |                  |                 |                  |
|   | As      | 75   |                   |                    |                  |                 |                  |
|   | Se      | 77   |                   |                    |                  |                 |                  |
| [ | Se      | 82   |                   |                    |                  |                 |                  |
|   | As-1    | 75   |                   |                    |                  |                 |                  |
|   | Kr      | 83   |                   |                    |                  |                 |                  |
| [ | Ag      | 107  |                   |                    |                  |                 |                  |
|   | Cd      | 111  |                   |                    |                  |                 |                  |
|   | Cd      | 114  |                   |                    |                  |                 |                  |
| > | In      | 115  |                   | 94.020             |                  |                 |                  |
|   | Sb      | 121  |                   |                    |                  |                 |                  |
| [ | Sb      | 123  |                   |                    |                  |                 |                  |
| [ | Ba      | 135  |                   |                    |                  |                 |                  |
|   | Ba      | 137  |                   |                    |                  |                 |                  |
|   | Ho      | 165  |                   |                    |                  |                 |                  |
| > | Tb      | 159  |                   | 95.182             |                  |                 |                  |
|   | Hg      | 201  |                   |                    |                  |                 |                  |
|   | Hg      | 202  |                   |                    |                  |                 |                  |
|   | Tl      | 205  |                   |                    |                  |                 |                  |
| [ | Pb      | 208  |                   |                    |                  |                 |                  |

## Calibration

|   | Analyte | Mass | Curve Type       | Correlation Coefficient |
|---|---------|------|------------------|-------------------------|
|   | Be      | 9    | Linear Thru Zero | 1.000000                |
| > | Li      | 6    | Linear Thru Zero |                         |
| > | Sc-1    | 45   | Linear Thru Zero |                         |
|   | Cr      | 52   | Linear Thru Zero | 0.999991                |
|   | Cr      | 53   | Linear Thru Zero | 0.999972                |
|   | Mn      | 55   | Linear Thru Zero | 0.999999                |
|   | Co      | 59   | Linear Thru Zero | 0.999993                |
|   | Ni      | 60   | Linear Thru Zero | 0.999997                |
|   | Cu      | 63   | Linear Thru Zero | 1.000000                |
|   | Cu      | 65   | Linear Thru Zero | 1.000000                |
|   | Zn      | 66   | Linear Thru Zero | 0.999947                |
|   | Zn      | 67   | Linear Thru Zero | 0.999952                |
|   | Zn      | 68   | Linear Thru Zero | 0.999963                |
| > | Ge      | 72   | Linear Thru Zero |                         |
|   | As      | 75   | Linear Thru Zero | 0.999996                |

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|   |      |                     |          |
|---|------|---------------------|----------|
|   | Se   | 77Linear Thru Zero  | 1.000000 |
| - | Se   | 82Linear Thru Zero  | 0.999962 |
|   | As-1 | 75Linear Thru Zero  | 0.999982 |
|   | Kr   | 83Linear Thru Zero  |          |
| - | Ag   | 107Linear Thru Zero | 0.999975 |
|   | Cd   | 111Linear Thru Zero | 0.999999 |
|   | Cd   | 114Linear Thru Zero | 0.999997 |
| > | In   | 115Linear Thru Zero |          |
|   | Sb   | 121Linear Thru Zero | 0.999904 |
|   | Sb   | 123Linear Thru Zero | 0.999796 |
| = | Ba   | 135Linear Thru Zero | 1.000000 |
|   | Ba   | 137Linear Thru Zero | 0.999997 |
|   | Ho   | 165Linear Thru Zero |          |
| > | Tb   | 159Linear Thru Zero |          |
|   | Hg   | 201Linear Thru Zero | 0.999919 |
|   | Hg   | 202Linear Thru Zero | 0.999956 |
|   | Tl   | 205Linear Thru Zero | 0.999998 |
| - | Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: AE12093

Report Date/Time: Thursday, May 30, 2002 14:33:46

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# WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH

## Method 200.8 - Summary Report

**Sample ID: AE12094**

Sample Date/Time: Thursday, May 30, 2002 14:35:07

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\AE12094.428

Aliquot Volume (mL):

Diluted To Volume (mL):

### Concentration Results

|    | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|----|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [  | Be      | 9    | 5.333              | 21.651            | -0.000           | -0.00006   | 4394.22   | ug/L        |
| [> | Li      | 6    | 63865.594          | 2.250             | 63865.594        |            |           | ug/L        |
| [> | Sc-1    | 45   | 440924.682         | 0.788             | 440924.682       |            |           | ug/L        |
|    | Cr      | 52   | 9808.721           | 1.815             | 0.006            | 0.28713    | 7.28      | ug/L        |
|    | Cr      | 53   | 1621.494           | 2.440             | 0.003            | 1.10328    | 4.25      | ug/L        |
|    | Mn      | 55   | 733306.067         | 1.316             | 1.661            | 48.21210   | 2.01      | ug/L        |
|    | Co      | 59   | 482.018            | 1.496             | 0.001            | 0.03282    | 2.95      | ug/L        |
|    | Ni      | 60   | 1086.743           | 2.425             | 0.002            | 0.47116    | 1.74      | ug/L        |
|    | Cu      | 63   | 40204.777          | 0.531             | 0.090            | 8.69934    | 1.33      | ug/L        |
|    | Cu      | 65   | 19158.360          | 1.407             | 0.043            | 8.67077    | 1.88      | ug/L        |
|    | Zn      | 66   | 7451.127           | 0.171             | 0.075            | 4.34290    | 1.58      | ug/L        |
|    | Zn      | 67   | 1361.116           | 1.841             | 0.014            | 4.54951    | 0.85      | ug/L        |
|    | Zn      | 68   | 6054.076           | 0.587             | 0.062            | 4.81454    | 1.66      | ug/L        |
| [> | Ge      | 72   | 88836.877          | 1.247             | 88836.877        |            |           | ug/L        |
|    | As      | 75   | 937.886            | 4.562             | 0.009            | 0.43270    | 6.01      | ug/L        |
|    | Se      | 77   | 205.412            | 8.106             | 0.001            | 0.50912    | 21.57     | ug/L        |
|    | Se      | 82   | 54.503             | 13.702            | 0.001            | 0.23450    | 15.80     | ug/L        |
| [  | As-1    | 75   | 1133.082           | 3.625             | 1036.414         | 0.55385    | 3.96      | ug/L        |
|    | Kr      | 83   | 134.002            | 4.660             | -18.334          |            |           | ug/L        |
| [  | Ag      | 107  | 165.670            | 5.737             | -0.001           | -0.07380   | 1.35      | ug/L        |
|    | Cd      | 111  | 56.334             | 15.098            | 0.000            | 0.01244    | 30.23     | ug/L        |
|    | Cd      | 114  | 129.340            | 11.977            | 0.000            | 0.01251    | 19.86     | ug/L        |
| [> | In      | 115  | 1145828.444        | 1.347             | 1145828.444      |            |           | ug/L        |
|    | Sb      | 121  | 421.681            | 4.144             | 0.000            | 0.05092    | 4.96      | ug/L        |
|    | Sb      | 123  | 342.495            | 3.745             | 0.000            | 0.05379    | 2.62      | ug/L        |
| [  | Ba      | 135  | 48016.640          | 1.567             | 0.029            | 21.30291   | 1.06      | ug/L        |
|    | Ba      | 137  | 82914.938          | 1.322             | 0.049            | 20.95988   | 0.58      | ug/L        |
|    | Ho      | 165  | 1673390.504        | 0.922             | -0.004           |            |           | ug/L        |
| [> | Tb      | 159  | 1679038.182        | 0.805             | 1679038.182      |            |           | ug/L        |
|    | Hg      | 201  | 44.001             | 31.492            | 0.000            | 0.00222    | 558.79    | ug/L        |
|    | Hg      | 202  | 86.335             | 4.385             | 0.000            | 0.00334    | 51.46     | ug/L        |
|    | Tl      | 205  | 788.709            | 8.292             | 0.000            | 0.00593    | 38.81     | ug/L        |
| [  | Pb      | 208  | 13266.575          | 1.913             | 0.006            | 0.27988    | 1.91      | ug/L        |

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### QC Calculated Values

|    | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|----|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [  | Be      | 9    |                   |                    |                  |                 |                  |
| [> | Li      | 6    |                   | 89.153             |                  |                 |                  |
| [> | Sc-1    | 45   |                   | 89.960             |                  |                 |                  |
|    | Cr      | 52   |                   |                    |                  |                 |                  |
|    | Cr      | 53   |                   |                    |                  |                 |                  |
|    | Mn      | 55   |                   |                    |                  |                 |                  |
|    | Co      | 59   |                   |                    |                  |                 |                  |
|    | Ni      | 60   |                   |                    |                  |                 |                  |
|    | Cu      | 63   |                   |                    |                  |                 |                  |
|    | Cu      | 65   |                   |                    |                  |                 |                  |
| [  | Zn      | 66   |                   |                    |                  |                 |                  |
|    | Zn      | 67   |                   |                    |                  |                 |                  |
|    | Zn      | 68   |                   |                    |                  |                 |                  |
| [> | Ge      | 72   |                   | 91.631             |                  |                 |                  |
|    | As      | 75   |                   |                    |                  |                 |                  |
|    | Se      | 77   |                   |                    |                  |                 |                  |
|    | Se      | 82   |                   |                    |                  |                 |                  |
|    | As-1    | 75   |                   |                    |                  |                 |                  |
|    | Kr      | 83   |                   |                    |                  |                 |                  |
| [  | Ag      | 107  |                   |                    |                  |                 |                  |
|    | Cd      | 111  |                   |                    |                  |                 |                  |
|    | Cd      | 114  |                   |                    |                  |                 |                  |
| [> | In      | 115  |                   | 92.146             |                  |                 |                  |
|    | Sb      | 121  |                   |                    |                  |                 |                  |
|    | Sb      | 123  |                   |                    |                  |                 |                  |
| [  | Ba      | 135  |                   |                    |                  |                 |                  |
|    | Ba      | 137  |                   |                    |                  |                 |                  |
|    | Ho      | 165  |                   |                    |                  |                 |                  |
| [> | Tb      | 159  |                   | 94.414             |                  |                 |                  |
|    | Hg      | 201  |                   |                    |                  |                 |                  |
|    | Hg      | 202  |                   |                    |                  |                 |                  |
|    | Tl      | 205  |                   |                    |                  |                 |                  |
|    | Pb      | 208  |                   |                    |                  |                 |                  |

### Calibration

|    | Analyte | Mass | Curve Type       | Correlation Coefficient |
|----|---------|------|------------------|-------------------------|
| -  | Be      | 9    | Linear Thru Zero | 1.000000                |
| [> | Li      | 6    | Linear Thru Zero |                         |
| [> | Sc-1    | 45   | Linear Thru Zero |                         |
|    | Cr      | 52   | Linear Thru Zero | 0.999991                |
|    | Cr      | 53   | Linear Thru Zero | 0.999972                |
|    | Mn      | 55   | Linear Thru Zero | 0.999999                |
|    | Co      | 59   | Linear Thru Zero | 0.999993                |
|    | Ni      | 60   | Linear Thru Zero | 0.999997                |
|    | Cu      | 63   | Linear Thru Zero | 1.000000                |
|    | Cu      | 65   | Linear Thru Zero | 1.000000                |
|    | Zn      | 66   | Linear Thru Zero | 0.999947                |
|    | Zn      | 67   | Linear Thru Zero | 0.999952                |
|    | Zn      | 68   | Linear Thru Zero | 0.999963                |
| >  | Ge      | 72   | Linear Thru Zero |                         |
|    | As      | 75   | Linear Thru Zero | 0.999996                |

Sample ID: AE12094

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|   |      |                     |          |
|---|------|---------------------|----------|
|   | Se   | 77Linear Thru Zero  | 1.000000 |
| - | Se   | 82Linear Thru Zero  | 0.999962 |
|   | As-1 | 75Linear Thru Zero  | 0.999982 |
|   | Kr   | 83Linear Thru Zero  |          |
| - | Ag   | 107Linear Thru Zero | 0.999975 |
|   | Cd   | 111Linear Thru Zero | 0.999999 |
|   | Cd   | 114Linear Thru Zero | 0.999997 |
| > | In   | 115Linear Thru Zero |          |
|   | Sb   | 121Linear Thru Zero | 0.999904 |
|   | Sb   | 123Linear Thru Zero | 0.999796 |
| - | Ba   | 135Linear Thru Zero | 1.000000 |
|   | Ba   | 137Linear Thru Zero | 0.999997 |
|   | Ho   | 165Linear Thru Zero |          |
| > | Tb   | 159Linear Thru Zero |          |
|   | Hg   | 201Linear Thru Zero | 0.999919 |
|   | Hg   | 202Linear Thru Zero | 0.999956 |
|   | Tl   | 205Linear Thru Zero | 0.999998 |
| - | Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: AE12094

Report Date/Time: Thursday, May 30, 2002 14:37:03

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# WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH

## Method 200.8 - Summary Report

**Sample ID: AE12095**

Sample Date/Time: Thursday, May 30, 2002 14:38:24

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\AE12095.429

Aliquot Volume (mL):

Diluted To Volume (mL):

### Concentration Results

|   | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|---|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [ | Be      | 9    | 11.333             | 13.478            | 0.000            | 0.01394    | 23.22     | ug/L        |
| > | Li      | 6    | 64225.157          | 2.766             | 64225.157        |            |           | ug/L        |
| > | Sc-1    | 45   | 446514.469         | 0.685             | 446514.469       |            |           | ug/L        |
|   | Cr      | 52   | 9100.311           | 1.010             | 0.004            | 0.19540    | 4.76      | ug/L        |
|   | Cr      | 53   | 1575.486           | 2.321             | 0.003            | 1.04221    | 3.29      | ug/L        |
|   | Mn      | 55   | 470689.821         | 1.427             | 1.051            | 30.52650   | 1.21      | ug/L        |
|   | Co      | 59   | 387.012            | 4.347             | 0.001            | 0.02351    | 7.22      | ug/L        |
|   | Ni      | 60   | 965.061            | 7.907             | 0.002            | 0.41009    | 9.11      | ug/L        |
|   | Cu      | 63   | 59449.361          | 1.224             | 0.132            | 12.73760   | 1.43      | ug/L        |
|   | Cu      | 65   | 28053.836          | 1.066             | 0.063            | 12.56746   | 1.61      | ug/L        |
|   | Zn      | 66   | 7380.737           | 2.393             | 0.073            | 4.22198    | 2.52      | ug/L        |
|   | Zn      | 67   | 1300.773           | 1.443             | 0.013            | 4.24852    | 1.98      | ug/L        |
|   | Zn      | 68   | 5951.340           | 0.514             | 0.059            | 4.64304    | 1.64      | ug/L        |
| > | Ge      | 72   | 90236.626          | 1.786             | 90236.626        |            |           | ug/L        |
|   | As      | 75   | 1067.646           | 5.358             | 0.010            | 0.49466    | 4.97      | ug/L        |
|   | Se      | 77   | 199.400            | 8.182             | 0.001            | 0.45535    | 25.44     | ug/L        |
|   | Se      | 82   | 69.240             | 20.053            | 0.001            | 0.30318    | 22.38     | ug/L        |
|   | As-1    | 75   | 1083.075           | 4.555             | 986.407          | 0.52713    | 5.00      | ug/L        |
|   | Kr      | 83   | 126.002            | 9.623             | -26.334          |            |           | ug/L        |
|   | Ag      | 107  | 152.003            | 8.217             | -0.001           | -0.07545   | 1.70      | ug/L        |
|   | Cd      | 111  | 52.001             | 12.010            | 0.000            | 0.01033    | 23.88     | ug/L        |
|   | Cd      | 114  | 123.020            | 14.589            | 0.000            | 0.01111    | 28.06     | ug/L        |
| > | In      | 115  | 1161113.698        | 0.413             | 1161113.698      |            |           | ug/L        |
|   | Sb      | 121  | 395.346            | 5.266             | 0.000            | 0.04672    | 5.52      | ug/L        |
|   | Sb      | 123  | 315.785            | 8.169             | 0.000            | 0.04845    | 8.62      | ug/L        |
|   | Ba      | 135  | 43882.783          | 1.696             | 0.026            | 19.18979   | 0.67      | ug/L        |
|   | Ba      | 137  | 77177.730          | 1.890             | 0.045            | 19.23096   | 1.43      | ug/L        |
|   | Ho      | 165  | 1717983.819        | 1.333             | 0.008            |            |           | ug/L        |
| > | Tb      | 159  | 1703293.801        | 1.031             | 1703293.801      |            |           | ug/L        |
|   | Hg      | 201  | 39.334             | 7.767             | -0.000           | -0.00243   | 115.27    | ug/L        |
|   | Hg      | 202  | 81.668             | 10.557            | 0.000            | 0.00108    | 314.12    | ug/L        |
|   | Tl      | 205  | 803.044            | 10.740            | 0.000            | 0.00604    | 49.55     | ug/L        |
|   | Pb      | 208  | 14398.285          | 0.921             | 0.006            | 0.30641    | 0.50      | ug/L        |

Sample ID: AE12095

Report Date/Time: Thursday, May 30, 2002 14:40:21

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# *QC Calculated Values*

|    | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|----|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [  | Be      | 9    |                   |                    |                  |                 |                  |
| [> | Li      | 6    |                   | 89.655             |                  |                 |                  |
| [> | Sc-1    | 45   |                   | 91.101             |                  |                 |                  |
|    | Cr      | 52   |                   |                    |                  |                 |                  |
|    | Cr      | 53   |                   |                    |                  |                 |                  |
|    | Mn      | 55   |                   |                    |                  |                 |                  |
|    | Co      | 59   |                   |                    |                  |                 |                  |
|    | Ni      | 60   |                   |                    |                  |                 |                  |
|    | Cu      | 63   |                   |                    |                  |                 |                  |
|    | Cu      | 65   |                   |                    |                  |                 |                  |
|    | Zn      | 66   |                   |                    |                  |                 |                  |
|    | Zn      | 67   |                   |                    |                  |                 |                  |
|    | Zn      | 68   |                   |                    |                  |                 |                  |
| [> | Ge      | 72   |                   | 93.074             |                  |                 |                  |
|    | As      | 75   |                   |                    |                  |                 |                  |
|    | Se      | 77   |                   |                    |                  |                 |                  |
|    | Se      | 82   |                   |                    |                  |                 |                  |
|    | As-1    | 75   |                   |                    |                  |                 |                  |
|    | Kr      | 83   |                   |                    |                  |                 |                  |
| [  | Ag      | 107  |                   |                    |                  |                 |                  |
|    | Cd      | 111  |                   |                    |                  |                 |                  |
|    | Cd      | 114  |                   |                    |                  |                 |                  |
| [> | In      | 115  |                   | 93.376             |                  |                 |                  |
|    | Sb      | 121  |                   |                    |                  |                 |                  |
|    | Sb      | 123  |                   |                    |                  |                 |                  |
| [  | Ba      | 135  |                   |                    |                  |                 |                  |
|    | Ba      | 137  |                   |                    |                  |                 |                  |
|    | Ho      | 165  |                   |                    |                  |                 |                  |
| [> | Tb      | 159  |                   | 95.778             |                  |                 |                  |
|    | Hg      | 201  |                   |                    |                  |                 |                  |
|    | Hg      | 202  |                   |                    |                  |                 |                  |
|    | Tl      | 205  |                   |                    |                  |                 |                  |
|    | Pb      | 208  |                   |                    |                  |                 |                  |

## Calibration

|    | Analyte | Mass | Curve Type       | Correlation Coefficient |
|----|---------|------|------------------|-------------------------|
| -  | Be      | 9    | Linear Thru Zero | 1.000000                |
| [> | Li      | 6    | Linear Thru Zero |                         |
| [> | Sc-1    | 45   | Linear Thru Zero |                         |
|    | Cr      | 52   | Linear Thru Zero | 0.999991                |
|    | Cr      | 53   | Linear Thru Zero | 0.999972                |
|    | Mn      | 55   | Linear Thru Zero | 0.999999                |
|    | Co      | 59   | Linear Thru Zero | 0.999993                |
|    | Ni      | 60   | Linear Thru Zero | 0.999997                |
|    | Cu      | 63   | Linear Thru Zero | 1.000000                |
|    | Cu      | 65   | Linear Thru Zero | 1.000000                |
| :  | Zn      | 66   | Linear Thru Zero | 0.999947                |
|    | Zn      | 67   | Linear Thru Zero | 0.999952                |
|    | Zn      | 68   | Linear Thru Zero | 0.999963                |
| >  | Ge      | 72   | Linear Thru Zero |                         |
|    | As      | 75   | Linear Thru Zero | 0.999996                |

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|   |      |                     |          |
|---|------|---------------------|----------|
|   | Se   | 77Linear Thru Zero  | 1.000000 |
| - | Se   | 82Linear Thru Zero  | 0.999962 |
|   | As-1 | 75Linear Thru Zero  | 0.999982 |
|   | Kr   | 83Linear Thru Zero  |          |
| - | Ag   | 107Linear Thru Zero | 0.999975 |
|   | Cd   | 111Linear Thru Zero | 0.999999 |
|   | Cd   | 114Linear Thru Zero | 0.999997 |
| > | In   | 115Linear Thru Zero |          |
|   | Sb   | 121Linear Thru Zero | 0.999904 |
|   | Sb   | 123Linear Thru Zero | 0.999796 |
| - | Ba   | 135Linear Thru Zero | 1.000000 |
|   | Ba   | 137Linear Thru Zero | 0.999997 |
|   | Ho   | 165Linear Thru Zero |          |
| > | Tb   | 159Linear Thru Zero |          |
|   | Hg   | 201Linear Thru Zero | 0.999919 |
|   | Hg   | 202Linear Thru Zero | 0.999956 |
|   | Tl   | 205Linear Thru Zero | 0.999998 |
| - | Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: AE12095

Report Date/Time: Thursday, May 30, 2002 14:40:21

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**WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH****Method 200.8 - Summary Report****Sample ID: AE12096**

Sample Date/Time: Thursday, May 30, 2002 14:41:42

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\AE12096.430

Aliquot Volume (mL):

Diluted To Volume (mL):

**Concentration Results**

|   | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|---|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [ | Be      | 9    | 7.667              | 49.382            | 0.000            | 0.00571    | 162.11    | ug/L        |
| > | Li      | 6    | 63237.829          | 1.010             | 63237.829        |            |           | ug/L        |
| > | Sc-1    | 45   | 433736.463         | 0.997             | 433736.463       |            |           | ug/L        |
|   | Cr      | 52   | 8622.509           | 2.583             | 0.003            | 0.17098    | 20.51     | ug/L        |
|   | Cr      | 53   | 1400.122           | 1.591             | 0.002            | 0.91971    | 3.58      | ug/L        |
|   | Mn      | 55   | 356368.829         | 0.885             | 0.819            | 23.77773   | 1.52      | ug/L        |
|   | Co      | 59   | 351.344            | 4.680             | 0.001            | 0.02118    | 8.87      | ug/L        |
|   | Ni      | 60   | 826.379            | 4.470             | 0.002            | 0.35829    | 5.48      | ug/L        |
|   | Cu      | 63   | 49375.550          | 0.311             | 0.113            | 10.87981   | 0.80      | ug/L        |
|   | Cu      | 65   | 23354.533          | 1.714             | 0.054            | 10.76057   | 1.67      | ug/L        |
| [ | Zn      | 66   | 4114.639           | 1.130             | 0.038            | 2.19617    | 1.11      | ug/L        |
|   | Zn      | 67   | 777.041            | 2.384             | 0.007            | 2.39539    | 3.00      | ug/L        |
|   | Zn      | 68   | 3543.393           | 0.364             | 0.034            | 2.64092    | 0.86      | ug/L        |
| > | Ge      | 72   | 87775.958          | 1.086             | 87775.958        |            |           | ug/L        |
|   | As      | 75   | 972.871            | 4.014             | 0.009            | 0.45848    | 5.99      | ug/L        |
|   | Se      | 77   | 179.631            | 5.386             | 0.001            | 0.36751    | 18.71     | ug/L        |
|   | Se      | 82   | 49.798             | 7.029             | 0.000            | 0.21402    | 9.54      | ug/L        |
|   | As-1    | 75   | 1064.740           | 2.078             | 968.072          | 0.51733    | 2.29      | ug/L        |
|   | Kr      | 83   | 138.336            | 7.132             | -14.000          |            |           | ug/L        |
| [ | Ag      | 107  | 120.669            | 17.469            | -0.001           | -0.07847   | 2.90      | ug/L        |
|   | Cd      | 111  | 56.667             | 16.397            | 0.000            | 0.01263    | 29.85     | ug/L        |
|   | Cd      | 114  | 119.594            | 11.452            | 0.000            | 0.01086    | 21.37     | ug/L        |
| > | In      | 115  | 1141523.104        | 0.605             | 1141523.104      |            |           | ug/L        |
|   | Sb      | 121  | 393.679            | 2.401             | 0.000            | 0.04740    | 3.26      | ug/L        |
|   | Sb      | 123  | 303.985            | 5.958             | 0.000            | 0.04734    | 6.81      | ug/L        |
| [ | Ba      | 135  | 39904.808          | 1.868             | 0.024            | 17.83588   | 1.59      | ug/L        |
|   | Ba      | 137  | 69941.759          | 1.532             | 0.042            | 17.81250   | 1.05      | ug/L        |
|   | Ho      | 165  | 1663513.226        | 0.887             | -0.002           |            |           | ug/L        |
| > | Tb      | 159  | 1666429.784        | 0.840             | 1666429.784      |            |           | ug/L        |
|   | Hg      | 201  | 36.334             | 6.356             | -0.000           | -0.00435   | 41.57     | ug/L        |
|   | Hg      | 202  | 91.335             | 9.935             | 0.000            | 0.00552    | 59.35     | ug/L        |
|   | Tl      | 205  | 764.373            | 5.433             | 0.000            | 0.00523    | 33.85     | ug/L        |
|   | Pb      | 208  | 9644.758           | 2.013             | 0.004            | 0.17836    | 2.85      | ug/L        |

Sample ID: AE12096

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### QC Calculated Values

|   | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|---|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ | Be      | 9    |                   |                    |                  |                 |                  |
| > | Li      | 6    |                   | 88.276             |                  |                 |                  |
| > | Sc-1    | 45   |                   | 88.494             |                  |                 |                  |
|   | Cr      | 52   |                   |                    |                  |                 |                  |
|   | Cr      | 53   |                   |                    |                  |                 |                  |
|   | Mn      | 55   |                   |                    |                  |                 |                  |
|   | Co      | 59   |                   |                    |                  |                 |                  |
|   | Ni      | 60   |                   |                    |                  |                 |                  |
|   | Cu      | 63   |                   |                    |                  |                 |                  |
|   | Cu      | 65   |                   |                    |                  |                 |                  |
|   | Zn      | 66   |                   |                    |                  |                 |                  |
|   | Zn      | 67   |                   |                    |                  |                 |                  |
|   | Zn      | 68   |                   |                    |                  |                 |                  |
| > | Ge      | 72   |                   | 90.536             |                  |                 |                  |
|   | As      | 75   |                   |                    |                  |                 |                  |
|   | Se      | 77   |                   |                    |                  |                 |                  |
|   | Se      | 82   |                   |                    |                  |                 |                  |
|   | As-1    | 75   |                   |                    |                  |                 |                  |
|   | Kr      | 83   |                   |                    |                  |                 |                  |
|   | Ag      | 107  |                   |                    |                  |                 |                  |
|   | Cd      | 111  |                   |                    |                  |                 |                  |
|   | Cd      | 114  |                   |                    |                  |                 |                  |
| > | In      | 115  |                   | 91.800             |                  |                 |                  |
|   | Sb      | 121  |                   |                    |                  |                 |                  |
|   | Sb      | 123  |                   |                    |                  |                 |                  |
|   | Ba      | 135  |                   |                    |                  |                 |                  |
|   | Ba      | 137  |                   |                    |                  |                 |                  |
|   | Ho      | 165  |                   |                    |                  |                 |                  |
| > | Tb      | 159  |                   | 93.705             |                  |                 |                  |
|   | Hg      | 201  |                   |                    |                  |                 |                  |
|   | Hg      | 202  |                   |                    |                  |                 |                  |
|   | Tl      | 205  |                   |                    |                  |                 |                  |
|   | Pb      | 208  |                   |                    |                  |                 |                  |

### Calibration

|   | Analyte | MassCurve Type     | Correlation Coefficient |
|---|---------|--------------------|-------------------------|
| - | Be      | 9Linear Thru Zero  | 1.000000                |
| > | Li      | 6Linear Thru Zero  |                         |
| > | Sc-1    | 45Linear Thru Zero |                         |
|   | Cr      | 52Linear Thru Zero | 0.999991                |
|   | Cr      | 53Linear Thru Zero | 0.999972                |
|   | Mn      | 55Linear Thru Zero | 0.999999                |
|   | Co      | 59Linear Thru Zero | 0.999993                |
|   | Ni      | 60Linear Thru Zero | 0.999997                |
|   | Cu      | 63Linear Thru Zero | 1.000000                |
|   | Cu      | 65Linear Thru Zero | 1.000000                |
| : | Zn      | 66Linear Thru Zero | 0.999947                |
|   | Zn      | 67Linear Thru Zero | 0.999952                |
|   | Zn      | 68Linear Thru Zero | 0.999963                |
| > | Ge      | 72Linear Thru Zero |                         |
|   | As      | 75Linear Thru Zero | 0.999996                |

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|   |      |                     |          |
|---|------|---------------------|----------|
| - | Se   | 77Linear Thru Zero  | 1.000000 |
| - | Se   | 82Linear Thru Zero  | 0.999962 |
| - | As-1 | 75Linear Thru Zero  | 0.999982 |
| - | Kr   | 83Linear Thru Zero  |          |
| - | Ag   | 107Linear Thru Zero | 0.999975 |
| - | Cd   | 111Linear Thru Zero | 0.999999 |
| - | Cd   | 114Linear Thru Zero | 0.999997 |
| > | In   | 115Linear Thru Zero |          |
| - | Sb   | 121Linear Thru Zero | 0.999904 |
| - | Sb   | 123Linear Thru Zero | 0.999796 |
| - | Ba   | 135Linear Thru Zero | 1.000000 |
| - | Ba   | 137Linear Thru Zero | 0.999997 |
| - | Ho   | 165Linear Thru Zero |          |
| > | Tb   | 159Linear Thru Zero |          |
| - | Hg   | 201Linear Thru Zero | 0.999919 |
| - | Hg   | 202Linear Thru Zero | 0.999956 |
| - | Tl   | 205Linear Thru Zero | 0.999998 |
| - | Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: AE12096

Report Date/Time: Thursday, May 30, 2002 14:43:38

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**WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH****Method 200.8 - Summary Report****Sample ID: CCV CAL BK**

Sample Date/Time: Thursday, May 30, 2002 14:45:19

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\CCV CAL BK.431

Aliquot Volume (mL):

Diluted To Volume (mL):

**Concentration Results**

|   | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|---|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [ | Be      | 9    | 8.333              | 54.111            | 0.000            | 0.00652    | 155.70    | ug/L        |
| > | Li      | 6    | 65357.772          | 1.185             | 65357.772        |            |           | ug/L        |
| > | Sc-1    | 45   | 448266.656         | 0.099             | 448266.656       |            |           | ug/L        |
|   | Cr      | 52   | 6621.478           | 2.394             | -0.002           | -0.08044   | 21.08     | ug/L        |
|   | Cr      | 53   | 814.378            | 7.403             | 0.001            | 0.34313    | 16.14     | ug/L        |
|   | Mn      | 55   | 1667.170           | 0.540             | 0.001            | 0.02868    | 2.37      | ug/L        |
|   | Co      | 59   | 75.001             | 17.938            | -0.000           | -0.00526   | 23.49     | ug/L        |
|   | Ni      | 60   | 58.001             | 3.448             | -0.000           | -0.00052   | 174.71    | ug/L        |
|   | Cu      | 63   | 396.679            | 7.377             | 0.000            | 0.00760    | 81.63     | ug/L        |
|   | Cu      | 65   | 147.003            | 3.600             | -0.000           | -0.00079   | 301.06    | ug/L        |
|   | Zn      | 66   | 777.375            | 10.556            | -0.000           | -0.01265   | 424.79    | ug/L        |
|   | Zn      | 67   | 188.337            | 7.071             | 0.000            | 0.15717    | 33.37     | ug/L        |
|   | Zn      | 68   | 600.026            | 0.882             | 0.000            | 0.01418    | 28.88     | ug/L        |
| > | Ge      | 72   | 88328.244          | 0.341             | 88328.244        |            |           | ug/L        |
|   | As      | 75   | 162.906            | 22.195            | 0.000            | 0.00721    | 281.08    | ug/L        |
|   | Se      | 77   | 131.065            | 10.853            | 0.000            | 0.06764    | 127.16    | ug/L        |
|   | Se      | 82   | 24.256             | 36.104            | 0.000            | 0.08291    | 53.78     | ug/L        |
|   | As-1    | 75   | 159.670            | 2.960             | 63.002           | 0.03367    | 7.50      | ug/L        |
|   | Kr      | 83   | 124.002            | 6.299             | -28.334          |            |           | ug/L        |
|   | Ag      | 107  | 134.336            | 11.199            | -0.001           | -0.07721   | 2.13      | ug/L        |
|   | Cd      | 111  | 35.000             | 14.286            | 0.000            | 0.00342    | 57.28     | ug/L        |
|   | Cd      | 114  | 74.800             | 12.656            | 0.000            | 0.00268    | 65.79     | ug/L        |
| > | In      | 115  | 1156767.160        | 0.694             | 1156767.160      |            |           | ug/L        |
|   | Sb      | 121  | 36.667             | 4.166             | -0.000           | -0.00028   | 60.81     | ug/L        |
|   | Sb      | 123  | 23.782             | 10.622            | -0.000           | -0.00137   | 32.16     | ug/L        |
|   | Ba      | 135  | 30.334             | 15.227            | -0.000           | -0.00109   | 184.88    | ug/L        |
|   | Ba      | 137  | 57.334             | 11.872            | 0.000            | 0.00229    | 68.34     | ug/L        |
|   | Ho      | 165  | 1697730.766        | 0.438             | 0.009            |            |           | ug/L        |
| > | Tb      | 159  | 1681501.337        | 1.013             | 1681501.337      |            |           | ug/L        |
|   | Hg      | 201  | 29.000             | 12.433            | -0.000           | -0.00109   | 27.26     | ug/L        |
|   | Hg      | 202  | 69.334             | 5.829             | -0.000           | -0.00329   | 50.98     | ug/L        |
|   | Tl      | 205  | 844.381            | 2.385             | 0.000            | 0.00806    | 10.83     | ug/L        |
|   | Pb      | 208  | 2530.495           | 4.593             | -0.001           | -0.02735   | 14.44     | ug/L        |

Sample ID: CCV CAL BK

Report Date/Time: Thursday, May 30, 2002 14:47:42

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### QC Calculated Values

|   | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|---|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ | Be      | 9    |                   |                    |                  |                 |                  |
| > | Li      | 6    |                   | 91.236             |                  |                 |                  |
| > | Sc-1    | 45   |                   | 91.458             |                  |                 |                  |
|   | Cr      | 52   |                   |                    |                  |                 |                  |
|   | Cr      | 53   |                   |                    |                  |                 |                  |
|   | Mn      | 55   |                   |                    |                  |                 |                  |
|   | Co      | 59   |                   |                    |                  |                 |                  |
|   | Ni      | 60   |                   |                    |                  |                 |                  |
|   | Cu      | 63   |                   |                    |                  |                 |                  |
|   | Cu      | 65   |                   |                    |                  |                 |                  |
|   | Zn      | 66   |                   |                    |                  |                 |                  |
|   | Zn      | 67   |                   |                    |                  |                 |                  |
|   | Zn      | 68   |                   |                    |                  |                 |                  |
| > | Ge      | 72   |                   | 91.106             |                  |                 |                  |
|   | As      | 75   |                   |                    |                  |                 |                  |
|   | Se      | 77   |                   |                    |                  |                 |                  |
|   | Se      | 82   |                   |                    |                  |                 |                  |
|   | As-1    | 75   |                   |                    |                  |                 |                  |
|   | Kr      | 83   |                   |                    |                  |                 |                  |
| [ | Ag      | 107  |                   |                    |                  |                 |                  |
|   | Cd      | 111  |                   |                    |                  |                 |                  |
|   | Cd      | 114  |                   |                    |                  |                 |                  |
| > | In      | 115  |                   | 93.026             |                  |                 |                  |
|   | Sb      | 121  |                   |                    |                  |                 |                  |
|   | Sb      | 123  |                   |                    |                  |                 |                  |
|   | Ba      | 135  |                   |                    |                  |                 |                  |
|   | Ba      | 137  |                   |                    |                  |                 |                  |
|   | Ho      | 165  |                   |                    |                  |                 |                  |
| > | Tb      | 159  |                   | 94.552             |                  |                 |                  |
|   | Hg      | 201  |                   |                    |                  |                 |                  |
|   | Hg      | 202  |                   |                    |                  |                 |                  |
|   | Tl      | 205  |                   |                    |                  |                 |                  |
|   | Pb      | 208  |                   |                    |                  |                 |                  |

### Calibration

|   | Analyte | Mass | Curve Type       | Correlation Coefficient |
|---|---------|------|------------------|-------------------------|
|   | Be      | 9    | Linear Thru Zero | 1.000000                |
| > | Li      | 6    | Linear Thru Zero |                         |
| > | Sc-1    | 45   | Linear Thru Zero |                         |
|   | Cr      | 52   | Linear Thru Zero | 0.999991                |
|   | Cr      | 53   | Linear Thru Zero | 0.999972                |
|   | Mn      | 55   | Linear Thru Zero | 0.999999                |
|   | Co      | 59   | Linear Thru Zero | 0.999993                |
|   | Ni      | 60   | Linear Thru Zero | 0.999997                |
|   | Cu      | 63   | Linear Thru Zero | 1.000000                |
|   | Cu      | 65   | Linear Thru Zero | 1.000000                |
|   | Zn      | 66   | Linear Thru Zero | 0.999947                |
|   | Zn      | 67   | Linear Thru Zero | 0.999952                |
|   | Zn      | 68   | Linear Thru Zero | 0.999963                |
| > | Ge      | 72   | Linear Thru Zero |                         |
|   | As      | 75   | Linear Thru Zero | 0.999996                |

Sample ID: CCV CAL BK

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|   |      |                     |          |
|---|------|---------------------|----------|
|   | Se   | 77Linear Thru Zero  | 1.000000 |
| - | Se   | 82Linear Thru Zero  | 0.999962 |
|   | As-1 | 75Linear Thru Zero  | 0.999982 |
|   | Kr   | 83Linear Thru Zero  |          |
| - | Ag   | 107Linear Thru Zero | 0.999975 |
|   | Cd   | 111Linear Thru Zero | 0.999999 |
|   | Cd   | 114Linear Thru Zero | 0.999997 |
| > | In   | 115Linear Thru Zero |          |
|   | Sb   | 121Linear Thru Zero | 0.999904 |
|   | Sb   | 123Linear Thru Zero | 0.999796 |
| = | Ba   | 135Linear Thru Zero | 1.000000 |
|   | Ba   | 137Linear Thru Zero | 0.999997 |
|   | Ho   | 165Linear Thru Zero |          |
| > | Tb   | 159Linear Thru Zero |          |
|   | Hg   | 201Linear Thru Zero | 0.999919 |
|   | Hg   | 202Linear Thru Zero | 0.999956 |
|   | Tl   | 205Linear Thru Zero | 0.999998 |
| - | Pb   | 208Linear Thru Zero | 0.999995 |

# WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH

## Method 200.8 - Summary Report

**Sample ID: CCV STD1 30+2 PPB**

Sample Date/Time: Thursday, May 30, 2002 14:48:41

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\CCV STD1 30+2 PPB.432

Aliquot Volume (mL):

Diluted To Volume (mL):

### Concentration Results

|    | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|----|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [  | Be      | 9    | 13037.806          | 0.821             | 0.200            | 30.18211   | 0.86      | ug/L        |
| [> | Li      | 6    | 65021.348          | 0.299             | 65021.348        |            |           | ug/L        |
| [> | Sc-1    | 45   | 448794.478         | 1.020             | 448794.478       |            |           | ug/L        |
| [  | Cr      | 52   | 282284.325         | 2.373             | 0.613            | 30.11832   | 1.39      | ug/L        |
| [  | Cr      | 53   | 33411.959          | 1.060             | 0.073            | 30.00684   | 0.14      | ug/L        |
| [  | Mn      | 55   | 463860.490         | 1.454             | 1.031            | 29.92940   | 1.06      | ug/L        |
| [  | Co      | 59   | 323481.174         | 1.043             | 0.720            | 29.62523   | 0.26      | ug/L        |
| [  | Ni      | 60   | 65676.377          | 0.675             | 0.146            | 29.53547   | 1.43      | ug/L        |
| [  | Cu      | 63   | 139967.359         | 0.734             | 0.311            | 29.94079   | 0.34      | ug/L        |
| [  | Cu      | 65   | 66442.263          | 1.028             | 0.148            | 29.70478   | 1.70      | ug/L        |
| [  | Zn      | 66   | 46424.374          | 1.039             | 0.518            | 30.04633   | 0.82      | ug/L        |
| [  | Zn      | 67   | 8064.656           | 0.432             | 0.090            | 29.93800   | 1.51      | ug/L        |
| [  | Zn      | 68   | 34482.954          | 0.536             | 0.385            | 30.10436   | 0.84      | ug/L        |
| [> | Ge      | 72   | 88098.053          | 1.059             | 88098.053        |            |           | ug/L        |
| [  | As      | 75   | 53533.715          | 2.077             | 0.606            | 29.58867   | 2.31      | ug/L        |
| [  | Se      | 77   | 5016.989           | 1.703             | 0.056            | 29.58876   | 1.88      | ug/L        |
| [  | Se      | 82   | 5759.822           | 2.559             | 0.065            | 29.22596   | 3.12      | ug/L        |
| [  | As-1    | 75   | 51938.809          | 1.032             | 51842.141        | 27.70390   | 1.03      | ug/L        |
| [  | Kr      | 83   | 131.669            | 1.160             | -20.667          |            |           | ug/L        |
| [  | Ag      | 107  | 279509.237         | 1.063             | 0.242            | 29.08668   | 1.54      | ug/L        |
| [  | Cd      | 111  | 72416.005          | 0.466             | 0.063            | 29.89457   | 0.93      | ug/L        |
| [  | Cd      | 114  | 168932.193         | 0.847             | 0.147            | 29.98338   | 0.97      | ug/L        |
| [> | In      | 115  | 1151404.345        | 1.376             | 1151404.345      |            |           | ug/L        |
| [  | Sb      | 121  | 222942.505         | 0.609             | 0.194            | 29.46802   | 0.88      | ug/L        |
| [  | Sb      | 123  | 171367.775         | 0.428             | 0.149            | 29.49916   | 1.35      | ug/L        |
| [  | Ba      | 135  | 66531.575          | 0.843             | 0.040            | 29.77707   | 1.70      | ug/L        |
| [  | Ba      | 137  | 116226.423         | 0.561             | 0.070            | 29.63673   | 0.74      | ug/L        |
| [  | Ho      | 165  | 1693738.377        | 2.182             | 0.017            |            |           | ug/L        |
| [> | Tb      | 159  | 1664920.006        | 0.982             | 1664920.006      |            |           | ug/L        |
| [  | Hg      | 201  | 2340.991           | 1.341             | 0.001            | 2.04162    | 1.49      | ug/L        |
| [  | Hg      | 202  | 5328.615           | 2.399             | 0.003            | 2.05369    | 2.84      | ug/L        |
| [  | Tl      | 205  | 767991.024         | 1.409             | 0.461            | 30.12663   | 0.54      | ug/L        |
| [  | Pb      | 208  | 1052446.082        | 1.078             | 0.630            | 30.26814   | 1.41      | ug/L        |

Sample ID: CCV STD1 30+2 PPB

Report Date/Time: Thursday, May 30, 2002 14:51:02

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### QC Calculated Values

| Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ Be    | 9    |                   |                    |                  |                 |                  |
| [> Li   | 6    |                   | 90.766             |                  |                 |                  |
| [> Sc-1 | 45   |                   | 91.566             |                  |                 |                  |
| Cr      | 52   |                   |                    |                  |                 |                  |
| Cr      | 53   |                   |                    |                  |                 |                  |
| Mn      | 55   |                   |                    |                  |                 |                  |
| Co      | 59   |                   |                    |                  |                 |                  |
| Ni      | 60   |                   |                    |                  |                 |                  |
| Cu      | 63   |                   |                    |                  |                 |                  |
| [ Cu    | 65   |                   |                    |                  |                 |                  |
| [ Zn    | 66   |                   |                    |                  |                 |                  |
| Zn      | 67   |                   |                    |                  |                 |                  |
| Zn      | 68   |                   |                    |                  |                 |                  |
| [> Ge   | 72   |                   | 90.868             |                  |                 |                  |
| As      | 75   |                   |                    |                  |                 |                  |
| Se      | 77   |                   |                    |                  |                 |                  |
| [ Se    | 82   |                   |                    |                  |                 |                  |
| As-1    | 75   |                   |                    |                  |                 |                  |
| Kr      | 83   |                   |                    |                  |                 |                  |
| [ Ag    | 107  |                   |                    |                  |                 |                  |
| Cd      | 111  |                   |                    |                  |                 |                  |
| Cd      | 114  |                   |                    |                  |                 |                  |
| [> In   | 115  |                   | 92.595             |                  |                 |                  |
| Sb      | 121  |                   |                    |                  |                 |                  |
| [ Sb    | 123  |                   |                    |                  |                 |                  |
| [ Ba    | 135  |                   |                    |                  |                 |                  |
| Ba      | 137  |                   |                    |                  |                 |                  |
| Ho      | 165  |                   |                    |                  |                 |                  |
| [> Tb   | 159  |                   | 93.620             |                  |                 |                  |
| Hg      | 201  |                   |                    |                  |                 |                  |
| Hg      | 202  |                   |                    |                  |                 |                  |
| Tl      | 205  |                   |                    |                  |                 |                  |
| [ Pb    | 208  |                   |                    |                  |                 |                  |

### Calibration

| Analyte | Mass | Curve Type       | Correlation Coefficient |
|---------|------|------------------|-------------------------|
| - Be    | 9    | Linear Thru Zero | 1.000000                |
| [> Li   | 6    | Linear Thru Zero |                         |
| [> Sc-1 | 45   | Linear Thru Zero |                         |
| Cr      | 52   | Linear Thru Zero | 0.999991                |
| Cr      | 53   | Linear Thru Zero | 0.999972                |
| Mn      | 55   | Linear Thru Zero | 0.999999                |
| Co      | 59   | Linear Thru Zero | 0.999993                |
| Ni      | 60   | Linear Thru Zero | 0.999997                |
| Cu      | 63   | Linear Thru Zero | 1.000000                |
| Cu      | 65   | Linear Thru Zero | 1.000000                |
| Zn      | 66   | Linear Thru Zero | 0.999947                |
| Zn      | 67   | Linear Thru Zero | 0.999952                |
| Zn      | 68   | Linear Thru Zero | 0.999963                |
| > Ge    | 72   | Linear Thru Zero |                         |
| As      | 75   | Linear Thru Zero | 0.999996                |

Sample ID: CCV STD1 30+2 PPB

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|   |      |                     |          |
|---|------|---------------------|----------|
|   | Se   | 77Linear Thru Zero  | 1.000000 |
| - | Se   | 82Linear Thru Zero  | 0.999962 |
|   | As-1 | 75Linear Thru Zero  | 0.999982 |
|   | Kr   | 83Linear Thru Zero  |          |
| - | Ag   | 107Linear Thru Zero | 0.999975 |
|   | Cd   | 111Linear Thru Zero | 0.999999 |
|   | Cd   | 114Linear Thru Zero | 0.999997 |
| > | In   | 115Linear Thru Zero |          |
|   | Sb   | 121Linear Thru Zero | 0.999904 |
|   | Sb   | 123Linear Thru Zero | 0.999796 |
| - | Ba   | 135Linear Thru Zero | 1.000000 |
|   | Ba   | 137Linear Thru Zero | 0.999997 |
|   | Ho   | 165Linear Thru Zero |          |
| > | Tb   | 159Linear Thru Zero |          |
|   | Hg   | 201Linear Thru Zero | 0.999919 |
|   | Hg   | 202Linear Thru Zero | 0.999956 |
|   | Tl   | 205Linear Thru Zero | 0.999998 |
| - | Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: CCV STD1 30+2 PPB

Report Date/Time: Thursday, May 30, 2002 14:51:02

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**WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH****Method 200.8 - Summary Report****Sample ID: CCV STD2 60+5 PPB**

Sample Date/Time: Thursday, May 30, 2002 14:51:58

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\CCV STD2 60+5 PPB.433

Aliquot Volume (mL):

Diluted To Volume (mL):

**Concentration Results**

|    | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|----|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [  | Be      | 9    | 25219.518          | 0.429             | 0.394            | 59.33219   | 1.52      | ug/L        |
| [> | Li      | 6    | 64002.849          | 1.540             | 64002.849        |            |           | ug/L        |
| [> | Sc-1    | 45   | 439036.038         | 0.990             | 439036.038       |            |           | ug/L        |
|    | Cr      | 52   | 544181.912         | 1.386             | 1.223            | 60.14732   | 2.08      | ug/L        |
|    | Cr      | 53   | 65241.658          | 2.157             | 0.148            | 60.28969   | 1.52      | ug/L        |
|    | Mn      | 55   | 914203.477         | 1.527             | 2.080            | 60.38210   | 1.84      | ug/L        |
|    | Co      | 59   | 639682.554         | 1.390             | 1.457            | 59.90097   | 1.53      | ug/L        |
|    | Ni      | 60   | 129351.960         | 2.054             | 0.294            | 59.48654   | 1.88      | ug/L        |
|    | Cu      | 63   | 270945.213         | 1.448             | 0.616            | 59.32214   | 1.19      | ug/L        |
|    | Cu      | 65   | 130414.974         | 1.945             | 0.297            | 59.65964   | 1.08      | ug/L        |
| [  | Zn      | 66   | 88727.455          | 0.786             | 1.015            | 58.90232   | 1.06      | ug/L        |
|    | Zn      | 67   | 15531.414          | 1.720             | 0.178            | 59.17057   | 2.09      | ug/L        |
|    | Zn      | 68   | 66328.428          | 0.760             | 0.759            | 59.38902   | 0.54      | ug/L        |
| [> | Ge      | 72   | 86615.538          | 0.562             | 86615.538        |            |           | ug/L        |
|    | As      | 75   | 107419.570         | 1.027             | 1.239            | 60.47159   | 1.17      | ug/L        |
|    | Se      | 77   | 10074.618          | 0.913             | 0.115            | 61.18603   | 1.29      | ug/L        |
|    | Se      | 82   | 11849.448          | 1.520             | 0.137            | 61.19373   | 2.00      | ug/L        |
|    | As-1    | 75   | 102841.813         | 0.812             | 102745.145       | 54.90594   | 0.81      | ug/L        |
|    | Kr      | 83   | 143.003            | 3.048             | -9.334           |            |           | ug/L        |
| [  | Ag      | 107  | 558724.589         | 1.210             | 0.494            | 59.32952   | 1.59      | ug/L        |
|    | Cd      | 111  | 142666.627         | 1.371             | 0.126            | 60.00922   | 0.78      | ug/L        |
|    | Cd      | 114  | 333299.069         | 1.276             | 0.295            | 60.27601   | 0.67      | ug/L        |
| [> | In      | 115  | 1130110.113        | 0.648             | 1130110.113      |            |           | ug/L        |
|    | Sb      | 121  | 455380.306         | 0.806             | 0.403            | 61.32635   | 0.61      | ug/L        |
|    | Sb      | 123  | 347401.187         | 1.025             | 0.307            | 60.92613   | 0.51      | ug/L        |
| [  | Ba      | 135  | 130878.498         | 1.613             | 0.079            | 58.86354   | 1.21      | ug/L        |
|    | Ba      | 137  | 227774.422         | 1.373             | 0.137            | 58.36747   | 1.05      | ug/L        |
|    | Ho      | 165  | 1659820.912        | 0.903             | 0.001            |            |           | ug/L        |
| [> | Tb      | 159  | 1656976.382        | 0.529             | 1656976.382      |            |           | ug/L        |
|    | Hg      | 201  | 5627.798           | 0.694             | 0.003            | 4.98316    | 0.32      | ug/L        |
|    | Hg      | 202  | 12663.941          | 0.658             | 0.008            | 4.94551    | 0.27      | ug/L        |
|    | Tl      | 205  | 1511709.203        | 2.458             | 0.912            | 59.61126   | 2.42      | ug/L        |
|    | Pb      | 208  | 2070340.958        | 1.351             | 1.247            | 59.92052   | 0.94      | ug/L        |

Sample ID: CCV STD2 60+5 PPB

Report Date/Time: Thursday, May 30, 2002 14:54:16

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### QC Calculated Values

|   | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|---|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ | Be      | 9    |                   |                    |                  |                 |                  |
| > | Li      | 6    |                   | 89.344             |                  |                 |                  |
| > | Sc-1    | 45   |                   | 89.575             |                  |                 |                  |
|   | Cr      | 52   |                   |                    |                  |                 |                  |
|   | Cr      | 53   |                   |                    |                  |                 |                  |
|   | Mn      | 55   |                   |                    |                  |                 |                  |
|   | Co      | 59   |                   |                    |                  |                 |                  |
|   | Ni      | 60   |                   |                    |                  |                 |                  |
|   | Cu      | 63   |                   |                    |                  |                 |                  |
|   | Cu      | 65   |                   |                    |                  |                 |                  |
|   | Zn      | 66   |                   |                    |                  |                 |                  |
|   | Zn      | 67   |                   |                    |                  |                 |                  |
|   | Zn      | 68   |                   |                    |                  |                 |                  |
| > | Ge      | 72   |                   | 89.339             |                  |                 |                  |
|   | As      | 75   |                   |                    |                  |                 |                  |
|   | Se      | 77   |                   |                    |                  |                 |                  |
|   | Se      | 82   |                   |                    |                  |                 |                  |
|   | As-1    | 75   |                   |                    |                  |                 |                  |
|   | Kr      | 83   |                   |                    |                  |                 |                  |
|   | Ag      | 107  |                   |                    |                  |                 |                  |
|   | Cd      | 111  |                   |                    |                  |                 |                  |
|   | Cd      | 114  |                   |                    |                  |                 |                  |
| > | In      | 115  |                   | 90.882             |                  |                 |                  |
|   | Sb      | 121  |                   |                    |                  |                 |                  |
|   | Sb      | 123  |                   |                    |                  |                 |                  |
|   | Ba      | 135  |                   |                    |                  |                 |                  |
|   | Ba      | 137  |                   |                    |                  |                 |                  |
|   | Ho      | 165  |                   |                    |                  |                 |                  |
| > | Tb      | 159  |                   | 93.173             |                  |                 |                  |
|   | Hg      | 201  |                   |                    |                  |                 |                  |
|   | Hg      | 202  |                   |                    |                  |                 |                  |
|   | Tl      | 205  |                   |                    |                  |                 |                  |
|   | Pb      | 208  |                   |                    |                  |                 |                  |

### Calibration

|   | Analyte | Mass | Curve Type       | Correlation Coefficient |
|---|---------|------|------------------|-------------------------|
| - | Be      | 9    | Linear Thru Zero | 1.000000                |
| > | Li      | 6    | Linear Thru Zero |                         |
| > | Sc-1    | 45   | Linear Thru Zero |                         |
|   | Cr      | 52   | Linear Thru Zero | 0.999991                |
|   | Cr      | 53   | Linear Thru Zero | 0.999972                |
|   | Mn      | 55   | Linear Thru Zero | 0.999999                |
|   | Co      | 59   | Linear Thru Zero | 0.999993                |
|   | Ni      | 60   | Linear Thru Zero | 0.999997                |
|   | Cu      | 63   | Linear Thru Zero | 1.000000                |
|   | Cu      | 65   | Linear Thru Zero | 1.000000                |
| : | Zn      | 66   | Linear Thru Zero | 0.999947                |
|   | Zn      | 67   | Linear Thru Zero | 0.999952                |
|   | Zn      | 68   | Linear Thru Zero | 0.999963                |
| > | Ge      | 72   | Linear Thru Zero |                         |
|   | As      | 75   | Linear Thru Zero | 0.999996                |

Sample ID: CCV STD2 60+5 PPB

Report Date/Time: Thursday, May 30, 2002 14:54:16

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|      |                     |          |
|------|---------------------|----------|
| Se   | 77Linear Thru Zero  | 1.000000 |
| Se   | 82Linear Thru Zero  | 0.999962 |
| As-1 | 75Linear Thru Zero  | 0.999982 |
| Kr   | 83Linear Thru Zero  |          |
| Ag   | 107Linear Thru Zero | 0.999975 |
| Cd   | 111Linear Thru Zero | 0.999999 |
| Cd   | 114Linear Thru Zero | 0.999997 |
| In   | 115Linear Thru Zero |          |
| Sb   | 121Linear Thru Zero | 0.999904 |
| Sb   | 123Linear Thru Zero | 0.999796 |
| Ba   | 135Linear Thru Zero | 1.000000 |
| Ba   | 137Linear Thru Zero | 0.999997 |
| Ho   | 165Linear Thru Zero |          |
| Tb   | 159Linear Thru Zero |          |
| Hg   | 201Linear Thru Zero | 0.999919 |
| Hg   | 202Linear Thru Zero | 0.999956 |
| Tl   | 205Linear Thru Zero | 0.999998 |
| Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: CCV STD2 60+5 PPB

Report Date/Time: Thursday, May 30, 2002 14:54:16

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# WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH

## Method 200.8 - Summary Report

**Sample ID: AE12097**

Sample Date/Time: Thursday, May 30, 2002 14:55:39

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\AE12097.434

Aliquot Volume (mL):

Diluted To Volume (mL):

### Concentration Results

|   | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|---|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [ | Be      | 9    | 10.333             | 5.587             | 0.000            | 0.01161    | 4.97      | ug/L        |
| > | Li      | 6    | 64195.653          | 3.179             | 64195.653        |            |           | ug/L        |
| [ | Sc-1    | 45   | 439663.315         | 0.709             | 439663.315       |            |           | ug/L        |
|   | Cr      | 52   | 9780.357           | 1.345             | 0.006            | 0.28715    | 7.31      | ug/L        |
|   | Cr      | 53   | 1180.755           | 4.511             | 0.002            | 0.69806    | 7.46      | ug/L        |
|   | Mn      | 55   | 338694.097         | 1.760             | 0.768            | 22.28601   | 1.14      | ug/L        |
|   | Co      | 59   | 357.677            | 7.367             | 0.001            | 0.02131    | 11.16     | ug/L        |
|   | Ni      | 60   | 794.709            | 7.068             | 0.002            | 0.33843    | 7.36      | ug/L        |
|   | Cu      | 63   | 33967.014          | 0.877             | 0.076            | 7.35843    | 0.71      | ug/L        |
|   | Cu      | 65   | 15948.806          | 1.406             | 0.036            | 7.22762    | 1.61      | ug/L        |
| [ | Zn      | 66   | 3059.546           | 2.772             | 0.025            | 1.46532    | 5.04      | ug/L        |
|   | Zn      | 67   | 658.030            | 3.141             | 0.006            | 1.90250    | 5.56      | ug/L        |
|   | Zn      | 68   | 2675.754           | 1.489             | 0.023            | 1.82751    | 2.05      | ug/L        |
| > | Ge      | 72   | 89280.894          | 1.575             | 89280.894        |            |           | ug/L        |
|   | As      | 75   | 1006.695           | 2.899             | 0.010            | 0.46777    | 4.08      | ug/L        |
|   | Se      | 77   | 175.169            | 4.176             | 0.001            | 0.32247    | 16.08     | ug/L        |
|   | Se      | 82   | 48.485             | 18.640            | 0.000            | 0.20265    | 20.72     | ug/L        |
|   | As-1    | 75   | 964.728            | 2.135             | 868.059          | 0.46388    | 2.37      | ug/L        |
|   | Kr      | 83   | 136.002            | 8.915             | -16.334          |            |           | ug/L        |
| [ | Ag      | 107  | 2243.303           | 15.177            | 0.001            | 0.14301    | 24.34     | ug/L        |
|   | Cd      | 111  | 65.334             | 23.431            | 0.000            | 0.01603    | 39.62     | ug/L        |
|   | Cd      | 114  | 151.334            | 14.852            | 0.000            | 0.01634    | 24.82     | ug/L        |
| > | In      | 115  | 1150919.335        | 0.877             | 1150919.335      |            |           | ug/L        |
|   | Sb      | 121  | 389.346            | 5.451             | 0.000            | 0.04638    | 5.29      | ug/L        |
|   | Sb      | 123  | 314.245            | 6.657             | 0.000            | 0.04867    | 7.14      | ug/L        |
| [ | Ba      | 135  | 39683.154          | 0.520             | 0.024            | 17.57117   | 0.72      | ug/L        |
|   | Ba      | 137  | 69198.403          | 0.964             | 0.041            | 17.46065   | 2.12      | ug/L        |
|   | Ho      | 165  | 1694502.101        | 0.914             | 0.007            |            |           | ug/L        |
| > | Tb      | 159  | 1682227.050        | 1.184             | 1682227.050      |            |           | ug/L        |
|   | Hg      | 201  | 119.002            | 20.395            | 0.000            | 0.06799    | 31.22     | ug/L        |
|   | Hg      | 202  | 275.674            | 21.770            | 0.000            | 0.07660    | 30.58     | ug/L        |
|   | Tl      | 205  | 883.719            | 12.568            | 0.000            | 0.00960    | 46.96     | ug/L        |
|   | Pb      | 208  | 7326.221           | 2.952             | 0.002            | 0.10956    | 5.92      | ug/L        |

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# **QC Calculated Values**

|   | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|---|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ | Be      | 9    |                   |                    |                  |                 |                  |
| > | Li      | 6    |                   | 89.613             |                  |                 |                  |
| > | Sc-1    | 45   |                   | 89.703             |                  |                 |                  |
|   | Cr      | 52   |                   |                    |                  |                 |                  |
|   | Cr      | 53   |                   |                    |                  |                 |                  |
|   | Mn      | 55   |                   |                    |                  |                 |                  |
|   | Co      | 59   |                   |                    |                  |                 |                  |
|   | Ni      | 60   |                   |                    |                  |                 |                  |
|   | Cu      | 63   |                   |                    |                  |                 |                  |
|   | Cu      | 65   |                   |                    |                  |                 |                  |
|   | Zn      | 66   |                   |                    |                  |                 |                  |
|   | Zn      | 67   |                   |                    |                  |                 |                  |
|   | Zn      | 68   |                   |                    |                  |                 |                  |
| > | Ge      | 72   |                   | 92.088             |                  |                 |                  |
|   | As      | 75   |                   |                    |                  |                 |                  |
|   | Se      | 77   |                   |                    |                  |                 |                  |
|   | Se      | 82   |                   |                    |                  |                 |                  |
|   | As-1    | 75   |                   |                    |                  |                 |                  |
|   | Kr      | 83   |                   |                    |                  |                 |                  |
|   | Ag      | 107  |                   |                    |                  |                 |                  |
|   | Cd      | 111  |                   |                    |                  |                 |                  |
|   | Cd      | 114  |                   |                    |                  |                 |                  |
| > | In      | 115  |                   | 92.556             |                  |                 |                  |
|   | Sb      | 121  |                   |                    |                  |                 |                  |
|   | Sb      | 123  |                   |                    |                  |                 |                  |
|   | Ba      | 135  |                   |                    |                  |                 |                  |
|   | Ba      | 137  |                   |                    |                  |                 |                  |
|   | Ho      | 165  |                   |                    |                  |                 |                  |
| > | Tb      | 159  |                   | 94.593             |                  |                 |                  |
|   | Hg      | 201  |                   |                    |                  |                 |                  |
|   | Hg      | 202  |                   |                    |                  |                 |                  |
|   | Tl      | 205  |                   |                    |                  |                 |                  |
|   | Pb      | 208  |                   |                    |                  |                 |                  |

## **Calibration**

|   | Analyte | Mass | Curve Type       | Correlation Coefficient |
|---|---------|------|------------------|-------------------------|
|   | Be      | 9    | Linear Thru Zero | 1.000000                |
| > | Li      | 6    | Linear Thru Zero |                         |
| > | Sc-1    | 45   | Linear Thru Zero |                         |
|   | Cr      | 52   | Linear Thru Zero | 0.999991                |
|   | Cr      | 53   | Linear Thru Zero | 0.999972                |
|   | Mn      | 55   | Linear Thru Zero | 0.999999                |
|   | Co      | 59   | Linear Thru Zero | 0.999993                |
|   | Ni      | 60   | Linear Thru Zero | 0.999997                |
|   | Cu      | 63   | Linear Thru Zero | 1.000000                |
|   | Cu      | 65   | Linear Thru Zero | 1.000000                |
|   | Zn      | 66   | Linear Thru Zero | 0.999947                |
|   | Zn      | 67   | Linear Thru Zero | 0.999952                |
|   | Zn      | 68   | Linear Thru Zero | 0.999963                |
| > | Ge      | 72   | Linear Thru Zero |                         |
|   | As      | 75   | Linear Thru Zero | 0.999996                |

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|      |                     |          |
|------|---------------------|----------|
| Se   | 77Linear Thru Zero  | 1.000000 |
| Se   | 82Linear Thru Zero  | 0.999962 |
| As-1 | 75Linear Thru Zero  | 0.999982 |
| Kr   | 83Linear Thru Zero  |          |
| Ag   | 107Linear Thru Zero | 0.999975 |
| Cd   | 111Linear Thru Zero | 0.999999 |
| Cd   | 114Linear Thru Zero | 0.999997 |
| > In | 115Linear Thru Zero |          |
| Sb   | 121Linear Thru Zero | 0.999904 |
| Sb   | 123Linear Thru Zero | 0.999796 |
| Ba   | 135Linear Thru Zero | 1.000000 |
| Ba   | 137Linear Thru Zero | 0.999997 |
| Ho   | 165Linear Thru Zero |          |
| > Tb | 159Linear Thru Zero |          |
| Hg   | 201Linear Thru Zero | 0.999919 |
| Hg   | 202Linear Thru Zero | 0.999956 |
| Tl   | 205Linear Thru Zero | 0.999998 |
| Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: AE12097

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# WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH

## Method 200.8 - Summary Report

**Sample ID: AE12097**

Sample Date/Time: Thursday, May 30, 2002 14:58:46

Sample Type: Spike - 1

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\AE12097.435

Aliquot Volume (mL):

Diluted To Volume (mL):

### Concentration Results

|    | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|----|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [  | Be      | 9    | 21346.246          | 0.811             | 0.346            | 52.14553   | 1.03      | ug/L        |
| [> | Li      | 6    | 61629.141          | 0.220             | 61629.141        |            |           | ug/L        |
| [> | Sc-1    | 45   | 427768.093         | 1.069             | 427768.093       |            |           | ug/L        |
|    | Cr      | 52   | 439257.708         | 2.005             | 1.010            | 49.68539   | 1.75      | ug/L        |
|    | Cr      | 53   | 52772.291          | 1.923             | 0.122            | 49.98312   | 0.96      | ug/L        |
|    | Mn      | 55   | 1047753.173        | 1.102             | 2.447            | 71.03521   | 0.40      | ug/L        |
|    | Co      | 59   | 507111.134         | 0.699             | 1.185            | 48.73462   | 0.51      | ug/L        |
|    | Ni      | 60   | 103163.459         | 1.190             | 0.241            | 48.68705   | 0.31      | ug/L        |
|    | Cu      | 63   | 251696.115         | 1.038             | 0.588            | 56.55564   | 0.48      | ug/L        |
| [  | Cu      | 65   | 119487.127         | 1.741             | 0.279            | 56.09756   | 0.92      | ug/L        |
| [  | Zn      | 66   | 77666.812          | 0.853             | 0.892            | 51.76841   | 0.91      | ug/L        |
|    | Zn      | 67   | 13631.349          | 0.600             | 0.157            | 52.13806   | 0.03      | ug/L        |
|    | Zn      | 68   | 58569.670          | 1.248             | 0.673            | 52.65988   | 0.86      | ug/L        |
| [> | Ge      | 72   | 86160.574          | 0.575             | 86160.574        |            |           | ug/L        |
|    | As      | 75   | 92211.522          | 1.116             | 1.069            | 52.17116   | 0.70      | ug/L        |
|    | Se      | 77   | 9327.908           | 2.547             | 0.107            | 56.89819   | 2.53      | ug/L        |
| [  | Se      | 82   | 10981.332          | 1.704             | 0.127            | 57.00374   | 1.65      | ug/L        |
|    | As-1    | 75   | 88496.221          | 0.901             | 88399.553        | 47.23980   | 0.90      | ug/L        |
|    | Kr      | 83   | 143.669            | 7.443             | -8.667           |            |           | ug/L        |
| [  | Ag      | 107  | 442327.780         | 1.054             | 0.390            | 46.88670   | 2.00      | ug/L        |
|    | Cd      | 111  | 119192.145         | 0.464             | 0.105            | 50.06519   | 0.84      | ug/L        |
|    | Cd      | 114  | 279301.338         | 0.902             | 0.247            | 50.43968   | 1.04      | ug/L        |
| [> | In      | 115  | 1131741.493        | 1.033             | 1131741.493      |            |           | ug/L        |
|    | Sb      | 121  | 391155.538         | 0.931             | 0.346            | 52.60068   | 0.23      | ug/L        |
| [  | Sb      | 123  | 298767.281         | 1.632             | 0.264            | 52.31945   | 0.75      | ug/L        |
| [  | Ba      | 135  | 145482.864         | 1.775             | 0.088            | 65.89130   | 0.98      | ug/L        |
|    | Ba      | 137  | 254784.948         | 1.829             | 0.155            | 65.74442   | 0.53      | ug/L        |
|    | Ho      | 165  | 1662784.570        | 1.179             | 0.010            |            |           | ug/L        |
| [> | Tb      | 159  | 1645488.991        | 1.306             | 1645488.991      |            |           | ug/L        |
|    | Hg      | 201  | 4973.744           | 1.649             | 0.003            | 4.43066    | 0.58      | ug/L        |
|    | Hg      | 202  | 11206.349          | 1.355             | 0.007            | 4.40449    | 2.53      | ug/L        |
|    | Tl      | 205  | 1228561.346        | 0.700             | 0.746            | 48.78209   | 0.67      | ug/L        |
| [  | Pb      | 208  | 1674444.280        | 0.314             | 1.016            | 48.78748   | 1.00      | ug/L        |

Sample ID: AE12097

Report Date/Time: Thursday, May 30, 2002 15:00:43

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**QC Calculated Values**

|   | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|---|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ | Be      | 9    |                   |                    | 104.268          |                 |                  |
| > | Li      | 6    |                   | 86.031             |                  |                 |                  |
| > | Sc-1    | 45   |                   | 87.276             |                  |                 |                  |
|   | Cr      | 52   |                   |                    | 98.796           |                 |                  |
|   | Cr      | 53   |                   |                    | 98.570           |                 |                  |
|   | Mn      | 55   |                   |                    | 97.498           |                 |                  |
|   | Co      | 59   |                   |                    | 97.427           |                 |                  |
|   | Ni      | 60   |                   |                    | 96.697           |                 |                  |
|   | Cu      | 63   |                   |                    | 98.394           |                 |                  |
|   | Cu      | 65   |                   |                    | 97.740           |                 |                  |
|   | Zn      | 66   |                   |                    | 100.606          |                 |                  |
|   | Zn      | 67   |                   |                    | 100.471          |                 |                  |
|   | Zn      | 68   |                   |                    | 101.665          |                 |                  |
| > | Ge      | 72   |                   | 88.870             |                  |                 |                  |
|   | As      | 75   |                   |                    | 103.407          |                 |                  |
|   | Se      | 77   |                   |                    | 113.151          |                 |                  |
|   | Se      | 82   |                   |                    | 113.602          |                 |                  |
|   | As-1    | 75   |                   |                    | 93.552           |                 |                  |
|   | Kr      | 83   |                   |                    |                  |                 |                  |
| [ | Ag      | 107  |                   |                    | 93.487           |                 |                  |
|   | Cd      | 111  |                   |                    | 100.098          |                 |                  |
|   | Cd      | 114  |                   |                    | 100.847          |                 |                  |
| > | In      | 115  |                   | 91.013             |                  |                 |                  |
|   | Sb      | 121  |                   |                    | 105.109          |                 |                  |
|   | Sb      | 123  |                   |                    | 104.542          |                 |                  |
| [ | Ba      | 135  |                   |                    | 96.640           |                 |                  |
|   | Ba      | 137  |                   |                    | 96.568           |                 |                  |
|   | Ho      | 165  |                   |                    |                  |                 |                  |
| > | Tb      | 159  |                   | 92.527             |                  |                 |                  |
|   | Hg      | 201  |                   |                    | 109.067          |                 |                  |
|   | Hg      | 202  |                   |                    | 108.197          |                 |                  |
|   | Tl      | 205  |                   |                    | 97.545           |                 |                  |
|   | Pb      | 208  |                   |                    | 97.356           |                 |                  |

**Calibration**

|   | Analyte | Mass | Curve Type       | Correlation Coefficient |
|---|---------|------|------------------|-------------------------|
|   | Be      | 9    | Linear Thru Zero | 1.000000                |
| > | Li      | 6    | Linear Thru Zero |                         |
| > | Sc-1    | 45   | Linear Thru Zero |                         |
|   | Cr      | 52   | Linear Thru Zero | 0.999991                |
|   | Cr      | 53   | Linear Thru Zero | 0.999972                |
|   | Mn      | 55   | Linear Thru Zero | 0.999999                |
|   | Co      | 59   | Linear Thru Zero | 0.999993                |
|   | Ni      | 60   | Linear Thru Zero | 0.999997                |
|   | Cu      | 63   | Linear Thru Zero | 1.000000                |
|   | Cu      | 65   | Linear Thru Zero | 1.000000                |
|   | Zn      | 66   | Linear Thru Zero | 0.999947                |
|   | Zn      | 67   | Linear Thru Zero | 0.999952                |
|   | Zn      | 68   | Linear Thru Zero | 0.999963                |
| > | Ge      | 72   | Linear Thru Zero |                         |
|   | As      | 75   | Linear Thru Zero | 0.999996                |

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|      |                     |          |
|------|---------------------|----------|
| Se   | 77Linear Thru Zero  | 1.000000 |
| Se   | 82Linear Thru Zero  | 0.999962 |
| As-1 | 75Linear Thru Zero  | 0.999982 |
| Kr   | 83Linear Thru Zero  |          |
| Ag   | 107Linear Thru Zero | 0.999975 |
| Cd   | 111Linear Thru Zero | 0.999999 |
| Cd   | 114Linear Thru Zero | 0.999997 |
| > In | 115Linear Thru Zero |          |
| Sb   | 121Linear Thru Zero | 0.999904 |
| Sb   | 123Linear Thru Zero | 0.999796 |
| Ba   | 135Linear Thru Zero | 1.000000 |
| Ba   | 137Linear Thru Zero | 0.999997 |
| Ho   | 165Linear Thru Zero |          |
| > Tb | 159Linear Thru Zero |          |
| Hg   | 201Linear Thru Zero | 0.999919 |
| Hg   | 202Linear Thru Zero | 0.999956 |
| Tl   | 205Linear Thru Zero | 0.999998 |
| Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: AE12097

Report Date/Time: Thursday, May 30, 2002 15:00:43

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**WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH****Method 200.8 - Summary Report****Sample ID: AE12097**

Sample Date/Time: Thursday, May 30, 2002 15:01:54

Sample Type: Spike - 1

Sample Description: MSD

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\AE12097.436

Aliquot Volume (mL):

Diluted To Volume (mL):

**Concentration Results**

|   | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|---|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [ | Be      | 9    | 21210.928          | 0.523             | 0.344            | 51.84005   | 1.86      | ug/L        |
| > | Li      | 6    | 61608.695          | 1.376             | 61608.695        |            |           | ug/L        |
| > | Sc-1    | 45   | 426846.622         | 1.320             | 426846.622       |            |           | ug/L        |
|   | Cr      | 52   | 436710.598         | 1.744             | 1.007            | 49.49980   | 0.84      | ug/L        |
|   | Cr      | 53   | 51796.046          | 2.464             | 0.120            | 49.15661   | 1.39      | ug/L        |
|   | Mn      | 55   | 1051446.931        | 1.360             | 2.461            | 71.44112   | 0.82      | ug/L        |
|   | Co      | 59   | 505587.036         | 0.411             | 1.184            | 48.69638   | 1.19      | ug/L        |
|   | Ni      | 60   | 102093.502         | 1.500             | 0.239            | 48.28556   | 0.34      | ug/L        |
|   | Cu      | 63   | 249462.172         | 1.716             | 0.584            | 56.17620   | 1.62      | ug/L        |
|   | Cu      | 65   | 119690.975         | 0.496             | 0.280            | 56.32203   | 1.13      | ug/L        |
|   | Zn      | 66   | 78089.398          | 0.115             | 0.898            | 52.06420   | 0.57      | ug/L        |
|   | Zn      | 67   | 13600.972          | 1.845             | 0.156            | 52.02916   | 1.31      | ug/L        |
|   | Zn      | 68   | 58040.603          | 0.332             | 0.667            | 52.19307   | 0.89      | ug/L        |
| > | Ge      | 72   | 86143.080          | 0.672             | 86143.080        |            |           | ug/L        |
|   | As      | 75   | 92299.885          | 1.235             | 1.070            | 52.23661   | 1.84      | ug/L        |
|   | Se      | 77   | 9367.296           | 0.692             | 0.107            | 57.15442   | 0.85      | ug/L        |
|   | Se      | 82   | 10992.469          | 1.039             | 0.128            | 57.07726   | 1.71      | ug/L        |
|   | As-1    | 75   | 88458.185          | 0.866             | 88361.516        | 47.21948   | 0.87      | ug/L        |
|   | Kr      | 83   | 127.002            | 11.599            | -25.334          |            |           | ug/L        |
|   | Ag      | 107  | 442951.903         | 1.145             | 0.393            | 47.24879   | 0.90      | ug/L        |
|   | Cd      | 111  | 118482.685         | 1.218             | 0.105            | 50.08288   | 0.53      | ug/L        |
|   | Cd      | 114  | 277624.592         | 0.708             | 0.247            | 50.45652   | 0.15      | ug/L        |
| > | In      | 115  | 1124522.469        | 0.697             | 1124522.469      |            |           | ug/L        |
|   | Sb      | 121  | 388066.944         | 1.235             | 0.345            | 52.51860   | 0.55      | ug/L        |
|   | Sb      | 123  | 296600.866         | 0.384             | 0.264            | 52.27607   | 0.34      | ug/L        |
|   | Ba      | 135  | 143389.905         | 1.477             | 0.087            | 64.99951   | 1.27      | ug/L        |
|   | Ba      | 137  | 249488.244         | 1.262             | 0.152            | 64.43302   | 0.21      | ug/L        |
|   | Ho      | 165  | 1639855.751        | 2.041             | -0.003           |            |           | ug/L        |
| > | Tb      | 159  | 1644120.791        | 1.072             | 1644120.791      |            |           | ug/L        |
|   | Hg      | 201  | 5007.095           | 1.409             | 0.003            | 4.46435    | 0.35      | ug/L        |
|   | Hg      | 202  | 11212.022          | 0.933             | 0.007            | 4.40958    | 0.47      | ug/L        |
|   | Tl      | 205  | 1217527.484        | 1.508             | 0.740            | 48.38142   | 1.09      | ug/L        |
|   | Pb      | 208  | 1667795.771        | 1.019             | 1.012            | 48.63048   | 0.62      | ug/L        |

Sample ID: AE12097

Report Date/Time: Thursday, May 30, 2002 15:03:50

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### QC Calculated Values

|   | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rei. % Diff |
|---|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ | Be      | 9    |                   |                    | 103.657          |                 |                  |
| > | Li      | 6    |                   | 86.002             |                  |                 |                  |
| > | Sc-1    | 45   |                   | 87.088             |                  |                 |                  |
|   | Cr      | 52   |                   |                    | 98.425           |                 |                  |
|   | Cr      | 53   |                   |                    | 96.917           |                 |                  |
|   | Mn      | 55   |                   |                    | 98.310           |                 |                  |
|   | Co      | 59   |                   |                    | 97.350           |                 |                  |
|   | Ni      | 60   |                   |                    | 95.894           |                 |                  |
|   | Cu      | 63   |                   |                    | 97.636           |                 |                  |
|   | Cu      | 65   |                   |                    | 98.189           |                 |                  |
|   | Zn      | 66   |                   |                    | 101.198          |                 |                  |
|   | Zn      | 67   |                   |                    | 100.253          |                 |                  |
|   | Zn      | 68   |                   |                    | 100.731          |                 |                  |
| > | Ge      | 72   |                   | 88.852             |                  |                 |                  |
|   | As      | 75   |                   |                    | 103.538          |                 |                  |
|   | Se      | 77   |                   |                    | 113.664          |                 |                  |
|   | Se      | 82   |                   |                    | 113.749          |                 |                  |
|   | As-1    | 75   |                   |                    | 93.511           |                 |                  |
|   | Kr      | 83   |                   |                    |                  |                 |                  |
| [ | Ag      | 107  |                   |                    | 94.212           |                 |                  |
|   | Cd      | 111  |                   |                    | 100.134          |                 |                  |
|   | Cd      | 114  |                   |                    | 100.880          |                 |                  |
| > | In      | 115  |                   | 90.433             |                  |                 |                  |
|   | Sb      | 121  |                   |                    | 104.944          |                 |                  |
|   | Sb      | 123  |                   |                    | 104.455          |                 |                  |
|   | Ba      | 135  |                   |                    | 94.857           |                 |                  |
|   | Ba      | 137  |                   |                    | 93.945           |                 |                  |
|   | Ho      | 165  |                   |                    |                  |                 |                  |
| > | Tb      | 159  |                   | 92.450             |                  |                 |                  |
|   | Hg      | 201  |                   |                    | 109.909          |                 |                  |
|   | Hg      | 202  |                   |                    | 108.324          |                 |                  |
|   | Tl      | 205  |                   |                    | 96.744           |                 |                  |
|   | Pb      | 208  |                   |                    | 97.042           |                 |                  |

### Calibration

|   | Analyte | Mass | Curve Type       | Correlation Coefficient |
|---|---------|------|------------------|-------------------------|
|   | Be      | 9    | Linear Thru Zero | 1.000000                |
| > | Li      | 6    | Linear Thru Zero |                         |
| > | Sc-1    | 45   | Linear Thru Zero |                         |
|   | Cr      | 52   | Linear Thru Zero | 0.999991                |
|   | Cr      | 53   | Linear Thru Zero | 0.999972                |
|   | Mn      | 55   | Linear Thru Zero | 0.999999                |
|   | Co      | 59   | Linear Thru Zero | 0.999993                |
|   | Ni      | 60   | Linear Thru Zero | 0.999997                |
|   | Cu      | 63   | Linear Thru Zero | 1.000000                |
|   | Cu      | 65   | Linear Thru Zero | 1.000000                |
|   | Zn      | 66   | Linear Thru Zero | 0.999947                |
|   | Zn      | 67   | Linear Thru Zero | 0.999952                |
|   | Zn      | 68   | Linear Thru Zero | 0.999963                |
| > | Ge      | 72   | Linear Thru Zero |                         |
|   | As      | 75   | Linear Thru Zero | 0.999996                |

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|      |                     |                     |
|------|---------------------|---------------------|
| Se   | 77Linear Thru Zero  | 1.000000            |
| Se   | 82Linear Thru Zero  | 0.999962            |
| As-1 | 75Linear Thru Zero  | 0.999982            |
| Kr   | 83Linear Thru Zero  |                     |
| Ag   | 107Linear Thru Zero | 0.999975            |
| Cd   | 111Linear Thru Zero | 0.999999            |
| Cd   | 114Linear Thru Zero | 0.999997            |
| > In | 115Linear Thru Zero |                     |
| Sb   | 121Linear Thru Zero | 0.999904            |
| Sb   | 123Linear Thru Zero | 0.999796            |
| :    | Ba                  | 135Linear Thru Zero |
| Ba   | 137Linear Thru Zero | 1.000000            |
| Ho   | 165Linear Thru Zero | 0.999997            |
| > Tb | 159Linear Thru Zero |                     |
| Hg   | 201Linear Thru Zero | 0.999919            |
| Hg   | 202Linear Thru Zero | 0.999956            |
| Tl   | 205Linear Thru Zero | 0.999998            |
| Pb   | 208Linear Thru Zero | 0.999995            |

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Sample ID: AE12097

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**WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH****Method 200.8 - Summary Report****Sample ID: AE12098**

Sample Date/Time: Thursday, May 30, 2002 15:05:10

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\AE12098.437

Aliquot Volume (mL):

Diluted To Volume (mL):

**Concentration Results**

|    | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|----|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [  | Be      | 9    | 10.667             | 5.413             | 0.000            | 0.01380    | 12.54     | ug/L        |
| [> | Li      | 6    | 60848.595          | 1.421             | 60848.595        |            |           | ug/L        |
| [> | Sc-1    | 45   | 428075.889         | 0.540             | 428075.889       |            |           | ug/L        |
|    | Cr      | 52   | 9356.907           | 0.757             | 0.005            | 0.26808    | 5.20      | ug/L        |
|    | Cr      | 53   | 1297.106           | 1.274             | 0.002            | 0.83866    | 1.75      | ug/L        |
|    | Mn      | 55   | 344365.689         | 0.734             | 0.802            | 23.27728   | 0.71      | ug/L        |
|    | Co      | 59   | 362.011            | 9.605             | 0.001            | 0.02263    | 14.30     | ug/L        |
|    | Ni      | 60   | 784.375            | 4.677             | 0.002            | 0.34353    | 5.57      | ug/L        |
|    | Cu      | 63   | 45373.747          | 1.179             | 0.105            | 10.12418   | 0.75      | ug/L        |
|    | Cu      | 65   | 21497.940          | 1.423             | 0.050            | 10.03103   | 0.89      | ug/L        |
| [  | Zn      | 66   | 4256.373           | 2.720             | 0.041            | 2.35775    | 2.26      | ug/L        |
|    | Zn      | 67   | 826.379            | 3.262             | 0.008            | 2.65840    | 3.49      | ug/L        |
|    | Zn      | 68   | 3551.062           | 1.257             | 0.035            | 2.72475    | 2.37      | ug/L        |
| [> | Ge      | 72   | 85696.227          | 0.948             | 85696.227        |            |           | ug/L        |
|    | As      | 75   | 978.692            | 6.311             | 0.010            | 0.47455    | 6.30      | ug/L        |
|    | Se      | 77   | 174.278            | 5.761             | 0.001            | 0.36038    | 17.98     | ug/L        |
|    | Se      | 82   | 60.210             | 53.745            | 0.001            | 0.27422    | 61.50     | ug/L        |
|    | As-1    | 75   | 963.727            | 4.138             | 867.059          | 0.46335    | 4.60      | ug/L        |
|    | Kr      | 83   | 129.336            | 4.910             | -23.001          |            |           | ug/L        |
| [  | Ag      | 107  | 3262.964           | 18.074            | 0.002            | 0.25996    | 23.10     | ug/L        |
|    | Cd      | 111  | 78.668             | 18.037            | 0.000            | 0.02254    | 25.55     | ug/L        |
|    | Cd      | 114  | 159.784            | 13.637            | 0.000            | 0.01871    | 19.41     | ug/L        |
| [> | In      | 115  | 1115445.075        | 1.473             | 1115445.075      |            |           | ug/L        |
|    | Sb      | 121  | 1122.415           | 17.527            | 0.001            | 0.14792    | 17.30     | ug/L        |
|    | Sb      | 123  | 854.286            | 18.184            | 0.001            | 0.14618    | 17.85     | ug/L        |
| [  | Ba      | 135  | 37641.477          | 0.290             | 0.023            | 17.24134   | 1.87      | ug/L        |
|    | Ba      | 137  | 65725.097          | 1.652             | 0.040            | 17.15269   | 2.08      | ug/L        |
|    | Ho      | 165  | 1645700.303        | 0.598             | 0.012            |            |           | ug/L        |
| [> | Tb      | 159  | 1626525.674        | 2.169             | 1626525.674      |            |           | ug/L        |
|    | Hg      | 201  | 112.002            | 13.153            | 0.000            | 0.06505    | 17.05     | ug/L        |
|    | Hg      | 202  | 244.006            | 14.144            | 0.000            | 0.06741    | 18.26     | ug/L        |
|    | Tl      | 205  | 898.388            | 17.595            | 0.000            | 0.01129    | 51.21     | ug/L        |
|    | Pb      | 208  | 18987.287          | 1.679             | 0.010            | 0.46115    | 0.80      | ug/L        |

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### QC Calculated Values

|   | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|---|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ | Be      | 9    |                   |                    |                  |                 |                  |
| > | Li      | 6    |                   | 84.941             |                  |                 |                  |
| > | Sc-1    | 45   |                   | 87.339             |                  |                 |                  |
|   | Cr      | 52   |                   |                    |                  |                 |                  |
|   | Cr      | 53   |                   |                    |                  |                 |                  |
|   | Mn      | 55   |                   |                    |                  |                 |                  |
|   | Co      | 59   |                   |                    |                  |                 |                  |
|   | Ni      | 60   |                   |                    |                  |                 |                  |
|   | Cu      | 63   |                   |                    |                  |                 |                  |
|   | Cu      | 65   |                   |                    |                  |                 |                  |
|   | Zn      | 66   |                   |                    |                  |                 |                  |
|   | Zn      | 67   |                   |                    |                  |                 |                  |
|   | Zn      | 68   |                   |                    |                  |                 |                  |
| > | Ge      | 72   |                   | 88.391             |                  |                 |                  |
|   | As      | 75   |                   |                    |                  |                 |                  |
|   | Se      | 77   |                   |                    |                  |                 |                  |
|   | Se      | 82   |                   |                    |                  |                 |                  |
|   | As-1    | 75   |                   |                    |                  |                 |                  |
|   | Kr      | 83   |                   |                    |                  |                 |                  |
|   | Ag      | 107  |                   |                    |                  |                 |                  |
|   | Cd      | 111  |                   |                    |                  |                 |                  |
|   | Cd      | 114  |                   |                    |                  |                 |                  |
| > | In      | 115  |                   | 89.703             |                  |                 |                  |
|   | Sb      | 121  |                   |                    |                  |                 |                  |
|   | Sb      | 123  |                   |                    |                  |                 |                  |
|   | Ba      | 135  |                   |                    |                  |                 |                  |
|   | Ba      | 137  |                   |                    |                  |                 |                  |
|   | Ho      | 165  |                   |                    |                  |                 |                  |
| > | Tb      | 159  |                   | 91.461             |                  |                 |                  |
|   | Hg      | 201  |                   |                    |                  |                 |                  |
|   | Hg      | 202  |                   |                    |                  |                 |                  |
|   | Tl      | 205  |                   |                    |                  |                 |                  |
|   | Pb      | 208  |                   |                    |                  |                 |                  |

### Calibration

|   | Analyte | Mass | Curve Type       | Correlation Coefficient |
|---|---------|------|------------------|-------------------------|
|   | Be      | 9    | Linear Thru Zero | 1.000000                |
| > | Li      | 6    | Linear Thru Zero |                         |
| > | Sc-1    | 45   | Linear Thru Zero |                         |
|   | Cr      | 52   | Linear Thru Zero | 0.999991                |
|   | Cr      | 53   | Linear Thru Zero | 0.999972                |
|   | Mn      | 55   | Linear Thru Zero | 0.999999                |
|   | Co      | 59   | Linear Thru Zero | 0.999993                |
|   | Ni      | 60   | Linear Thru Zero | 0.999997                |
|   | Cu      | 63   | Linear Thru Zero | 1.000000                |
|   | Cu      | 65   | Linear Thru Zero | 1.000000                |
| : | Zn      | 66   | Linear Thru Zero | 0.999947                |
|   | Zn      | 67   | Linear Thru Zero | 0.999952                |
|   | Zn      | 68   | Linear Thru Zero | 0.999963                |
| > | Ge      | 72   | Linear Thru Zero |                         |
|   | As      | 75   | Linear Thru Zero | 0.999996                |

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|   |      |                     |          |
|---|------|---------------------|----------|
|   | Se   | 77Linear Thru Zero  | 1.000000 |
| - | Se   | 82Linear Thru Zero  | 0.999962 |
|   | As-1 | 75Linear Thru Zero  | 0.999982 |
|   | Kr   | 83Linear Thru Zero  |          |
| - | Ag   | 107Linear Thru Zero | 0.999975 |
|   | Cd   | 111Linear Thru Zero | 0.999999 |
|   | Cd   | 114Linear Thru Zero | 0.999997 |
| > | In   | 115Linear Thru Zero |          |
|   | Sb   | 121Linear Thru Zero | 0.999904 |
|   | Sb   | 123Linear Thru Zero | 0.999796 |
| : | Ba   | 135Linear Thru Zero | 1.000000 |
|   | Ba   | 137Linear Thru Zero | 0.999997 |
|   | Ho   | 165Linear Thru Zero |          |
| > | Tb   | 159Linear Thru Zero |          |
|   | Hg   | 201Linear Thru Zero | 0.999919 |
|   | Hg   | 202Linear Thru Zero | 0.999956 |
|   | Tl   | 205Linear Thru Zero | 0.999998 |
| . | Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: AE12098

Report Date/Time: Thursday, May 30, 2002 15:07:07

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# WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH

## Method 200.8 - Summary Report

**Sample ID: AE12159**

Sample Date/Time: Thursday, May 30, 2002 15:08:08

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\AE12159.438

Aliquot Volume (mL):

Diluted To Volume (mL):

### Concentration Results

|   | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|---|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [ | Be      | 9    | 9.333              | 6.186             | 0.000            | 0.01008    | 15.10     | ug/L        |
| > | Li      | 6    | 61957.716          | 1.096             | 61957.716        |            |           | ug/L        |
| > | Sc-1    | 45   | 423217.014         | 0.415             | 423217.014       |            |           | ug/L        |
|   | Cr      | 52   | 8325.895           | 1.365             | 0.003            | 0.16057    | 7.09      | ug/L        |
|   | Cr      | 53   | 1168.087           | 3.988             | 0.002            | 0.72848    | 6.73      | ug/L        |
|   | Mn      | 55   | 416011.509         | 1.128             | 0.980            | 28.45981   | 0.73      | ug/L        |
|   | Co      | 59   | 330.009            | 6.306             | 0.000            | 0.01992    | 9.46      | ug/L        |
|   | Ni      | 60   | 725.370            | 3.764             | 0.002            | 0.31959    | 4.51      | ug/L        |
|   | Cu      | 63   | 5613.789           | 1.354             | 0.012            | 1.19917    | 1.65      | ug/L        |
|   | Cu      | 65   | 2571.056           | 1.692             | 0.006            | 1.15478    | 1.42      | ug/L        |
| [ | Zn      | 66   | 1615.160           | 4.526             | 0.010            | 0.56254    | 6.21      | ug/L        |
|   | Zn      | 67   | 434.348            | 3.729             | 0.003            | 1.12451    | 7.86      | ug/L        |
|   | Zn      | 68   | 1668.170           | 2.129             | 0.013            | 0.99562    | 4.26      | ug/L        |
| > | Ge      | 72   | 86276.392          | 1.584             | 86276.392        |            |           | ug/L        |
|   | As      | 75   | 978.132            | 5.309             | 0.010            | 0.47049    | 4.69      | ug/L        |
|   | Se      | 77   | 167.303            | 9.093             | 0.001            | 0.31043    | 32.35     | ug/L        |
|   | Se      | 82   | 61.109             | 57.502            | 0.001            | 0.27738    | 65.71     | ug/L        |
|   | As-1    | 75   | 948.392            | 3.675             | 851.724          | 0.45515    | 4.09      | ug/L        |
|   | Kr      | 83   | 141.003            | 15.555            | -11.334          |            |           | ug/L        |
| [ | Ag      | 107  | 694.700            | 6.000             | -0.000           | -0.01638   | 31.71     | ug/L        |
|   | Cd      | 111  | 60.667             | 19.872            | 0.000            | 0.01491    | 36.13     | ug/L        |
|   | Cd      | 114  | 101.575            | 16.720            | 0.000            | 0.00805    | 38.77     | ug/L        |
| > | In      | 115  | 1116804.751        | 1.549             | 1116804.751      |            |           | ug/L        |
|   | Sb      | 121  | 608.027            | 8.288             | 0.001            | 0.07771    | 7.19      | ug/L        |
|   | Sb      | 123  | 496.383            | 4.789             | 0.000            | 0.08263    | 3.57      | ug/L        |
| [ | Ba      | 135  | 39890.403          | 1.376             | 0.024            | 18.15873   | 0.52      | ug/L        |
|   | Ba      | 137  | 69539.346          | 1.423             | 0.042            | 18.03706   | 0.51      | ug/L        |
|   | Ho      | 165  | 1652553.177        | 2.075             | 0.010            |            |           | ug/L        |
| > | Tb      | 159  | 1636234.345        | 1.160             | 1636234.345      |            |           | ug/L        |
|   | Hg      | 201  | 48.001             | 20.519            | 0.000            | 0.00675    | 127.67    | ug/L        |
|   | Hg      | 202  | 120.002            | 6.509             | 0.000            | 0.01759    | 15.04     | ug/L        |
|   | Tl      | 205  | 779.041            | 7.126             | 0.000            | 0.00635    | 30.05     | ug/L        |
|   | Pb      | 208  | 3258.263           | 2.633             | -0.000           | -0.00402   | 36.14     | ug/L        |

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### QC Calculated Values

|    | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|----|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [  | Be      | 9    |                   |                    |                  |                 |                  |
| [> | Li      | 6    |                   | 86.489             |                  |                 |                  |
| [> | Sc-1    | 45   |                   | 86.348             |                  |                 |                  |
|    | Cr      | 52   |                   |                    |                  |                 |                  |
|    | Cr      | 53   |                   |                    |                  |                 |                  |
|    | Mn      | 55   |                   |                    |                  |                 |                  |
|    | Co      | 59   |                   |                    |                  |                 |                  |
|    | Ni      | 60   |                   |                    |                  |                 |                  |
|    | Cu      | 63   |                   |                    |                  |                 |                  |
|    | Cu      | 65   |                   |                    |                  |                 |                  |
| [  | Zn      | 66   |                   |                    |                  |                 |                  |
|    | Zn      | 67   |                   |                    |                  |                 |                  |
|    | Zn      | 68   |                   |                    |                  |                 |                  |
| [> | Ge      | 72   |                   | 88.990             |                  |                 |                  |
|    | As      | 75   |                   |                    |                  |                 |                  |
|    | Se      | 77   |                   |                    |                  |                 |                  |
|    | Se      | 82   |                   |                    |                  |                 |                  |
|    | As-1    | 75   |                   |                    |                  |                 |                  |
|    | Kr      | 83   |                   |                    |                  |                 |                  |
| [  | Ag      | 107  |                   |                    |                  |                 |                  |
|    | Cd      | 111  |                   |                    |                  |                 |                  |
|    | Cd      | 114  |                   |                    |                  |                 |                  |
| [> | In      | 115  |                   | 89.812             |                  |                 |                  |
|    | Sb      | 121  |                   |                    |                  |                 |                  |
|    | Sb      | 123  |                   |                    |                  |                 |                  |
| [  | Ba      | 135  |                   |                    |                  |                 |                  |
|    | Ba      | 137  |                   |                    |                  |                 |                  |
|    | Ho      | 165  |                   |                    |                  |                 |                  |
| [> | Tb      | 159  |                   | 92.007             |                  |                 |                  |
|    | Hg      | 201  |                   |                    |                  |                 |                  |
|    | Hg      | 202  |                   |                    |                  |                 |                  |
|    | Tl      | 205  |                   |                    |                  |                 |                  |
|    | Pb      | 208  |                   |                    |                  |                 |                  |

### Calibration

|   | Analyte | Mass | Curve Type       | Correlation Coefficient |
|---|---------|------|------------------|-------------------------|
|   | Be      | 9    | Linear Thru Zero | 1.000000                |
| > | Li      | 6    | Linear Thru Zero |                         |
| > | Sc-1    | 45   | Linear Thru Zero |                         |
|   | Cr      | 52   | Linear Thru Zero | 0.999991                |
|   | Cr      | 53   | Linear Thru Zero | 0.999972                |
|   | Mn      | 55   | Linear Thru Zero | 0.999999                |
|   | Co      | 59   | Linear Thru Zero | 0.999993                |
|   | Ni      | 60   | Linear Thru Zero | 0.999997                |
|   | Cu      | 63   | Linear Thru Zero | 1.000000                |
|   | Cu      | 65   | Linear Thru Zero | 1.000000                |
|   | Zn      | 66   | Linear Thru Zero | 0.999947                |
|   | Zn      | 67   | Linear Thru Zero | 0.999952                |
|   | Zn      | 68   | Linear Thru Zero | 0.999963                |
| > | Ge      | 72   | Linear Thru Zero |                         |
|   | As      | 75   | Linear Thru Zero | 0.999996                |

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|      |                     |          |
|------|---------------------|----------|
| Se   | 77Linear Thru Zero  | 1.000000 |
| Se   | 82Linear Thru Zero  | 0.999962 |
| As-1 | 75Linear Thru Zero  | 0.999982 |
| Kr   | 83Linear Thru Zero  |          |
| Ag   | 107Linear Thru Zero | 0.999975 |
| Cd   | 111Linear Thru Zero | 0.999999 |
| Cd   | 114Linear Thru Zero | 0.999997 |
| > In | 115Linear Thru Zero |          |
| Sb   | 121Linear Thru Zero | 0.999904 |
| Sb   | 123Linear Thru Zero | 0.999796 |
| Ba   | 135Linear Thru Zero | 1.000000 |
| Ba   | 137Linear Thru Zero | 0.999997 |
| Ho   | 165Linear Thru Zero |          |
| > Tb | 159Linear Thru Zero |          |
| Hg   | 201Linear Thru Zero | 0.999919 |
| Hg   | 202Linear Thru Zero | 0.999956 |
| Tl   | 205Linear Thru Zero | 0.999998 |
| Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: AE12159

Report Date/Time: Thursday, May 30, 2002 15:10:04

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# WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH

## Method 200.8 - Summary Report

**Sample ID: AE12160**

Sample Date/Time: Thursday, May 30, 2002 15:11:00

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\AE12160.439

Aliquot Volume (mL):

Diluted To Volume (mL):

### Concentration Results

|   | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|---|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [ | Be      | 9    | 7.333              | 28.386            | 0.000            | 0.00536    | 95.56     | ug/L        |
| > | Li      | 6    | 61465.374          | 0.608             | 61465.374        |            |           | ug/L        |
| > | Sc-1    | 45   | 419982.611         | 0.088             | 419982.611       |            |           | ug/L        |
|   | Cr      | 52   | 8703.251           | 0.370             | 0.004            | 0.21221    | 1.75      | ug/L        |
|   | Cr      | 53   | 1197.758           | 2.541             | 0.002            | 0.76590    | 3.92      | ug/L        |
|   | Mn      | 55   | 383175.244         | 1.321             | 0.910            | 26.41008   | 1.30      | ug/L        |
|   | Co      | 59   | 326.676            | 6.321             | 0.000            | 0.01985    | 10.05     | ug/L        |
|   | Ni      | 60   | 717.702            | 2.792             | 0.002            | 0.31853    | 2.95      | ug/L        |
|   | Cu      | 63   | 4986.417           | 1.673             | 0.011            | 1.06519    | 1.76      | ug/L        |
|   | Cu      | 65   | 2271.640           | 1.140             | 0.005            | 1.02087    | 1.24      | ug/L        |
|   | Zn      | 66   | 3416.676           | 1.338             | 0.031            | 1.78768    | 0.66      | ug/L        |
|   | Zn      | 67   | 665.031            | 1.203             | 0.006            | 2.02968    | 2.66      | ug/L        |
|   | Zn      | 68   | 2952.842           | 0.704             | 0.028            | 2.17612    | 0.46      | ug/L        |
| > | Ge      | 72   | 85767.565          | 1.003             | 85767.565        |            |           | ug/L        |
|   | As      | 75   | 898.557            | 15.849            | 0.009            | 0.42847    | 18.59     | ug/L        |
|   | Se      | 77   | 166.242            | 2.534             | 0.001            | 0.30944    | 6.53      | ug/L        |
|   | Se      | 82   | 55.854             | 40.089            | 0.001            | 0.25084    | 45.74     | ug/L        |
|   | As-1    | 75   | 951.726            | 4.366             | 855.058          | 0.45693    | 4.86      | ug/L        |
|   | Kr      | 83   | 132.002            | 4.968             | -20.334          |            |           | ug/L        |
|   | Ag      | 107  | 442.682            | 5.987             | -0.000           | -0.04360   | 6.63      | ug/L        |
|   | Cd      | 111  | 39.334             | 32.392            | 0.000            | 0.00575    | 92.90     | ug/L        |
|   | Cd      | 114  | 107.094            | 3.544             | 0.000            | 0.00903    | 8.49      | ug/L        |
| > | In      | 115  | 1118305.300        | 0.601             | 1118305.300      |            |           | ug/L        |
|   | Sb      | 121  | 521.020            | 3.586             | 0.000            | 0.06581    | 3.33      | ug/L        |
|   | Sb      | 123  | 413.171            | 3.553             | 0.000            | 0.06780    | 4.24      | ug/L        |
|   | Ba      | 135  | 39274.402          | 2.039             | 0.024            | 17.87229   | 1.80      | ug/L        |
|   | Ba      | 137  | 67892.288          | 1.543             | 0.041            | 17.60483   | 1.72      | ug/L        |
|   | Ho      | 165  | 1642472.914        | 1.664             | 0.003            |            |           | ug/L        |
| > | Tb      | 159  | 1636739.976        | 0.436             | 1636739.976      |            |           | ug/L        |
|   | Hg      | 201  | 51.667             | 18.598            | 0.000            | 0.01009    | 86.12     | ug/L        |
|   | Hg      | 202  | 89.668             | 19.133            | 0.000            | 0.00554    | 125.62    | ug/L        |
|   | Tl      | 205  | 731.704            | 14.957            | 0.000            | 0.00446    | 97.78     | ug/L        |
|   | Pb      | 208  | 3856.023           | 0.860             | 0.000            | 0.01351    | 6.16      | ug/L        |

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### QC Calculated Values

|   | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|---|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ | Be      | 9    |                   |                    |                  |                 |                  |
| > | Li      | 6    |                   | 85.802             |                  |                 |                  |
| > | Sc-1    | 45   |                   | 85.688             |                  |                 |                  |
|   | Cr      | 52   |                   |                    |                  |                 |                  |
|   | Cr      | 53   |                   |                    |                  |                 |                  |
|   | Mn      | 55   |                   |                    |                  |                 |                  |
|   | Co      | 59   |                   |                    |                  |                 |                  |
|   | Ni      | 60   |                   |                    |                  |                 |                  |
|   | Cu      | 63   |                   |                    |                  |                 |                  |
| [ | Cu      | 65   |                   |                    |                  |                 |                  |
| [ | Zn      | 66   |                   |                    |                  |                 |                  |
|   | Zn      | 67   |                   |                    |                  |                 |                  |
|   | Zn      | 68   |                   |                    |                  |                 |                  |
| > | Ge      | 72   |                   | 88.465             |                  |                 |                  |
|   | As      | 75   |                   |                    |                  |                 |                  |
|   | Se      | 77   |                   |                    |                  |                 |                  |
| [ | Se      | 82   |                   |                    |                  |                 |                  |
|   | As-1    | 75   |                   |                    |                  |                 |                  |
|   | Kr      | 83   |                   |                    |                  |                 |                  |
| [ | Ag      | 107  |                   |                    |                  |                 |                  |
|   | Cd      | 111  |                   |                    |                  |                 |                  |
|   | Cd      | 114  |                   |                    |                  |                 |                  |
| > | In      | 115  |                   | 89.933             |                  |                 |                  |
|   | Sb      | 121  |                   |                    |                  |                 |                  |
| [ | Sb      | 123  |                   |                    |                  |                 |                  |
| [ | Ba      | 135  |                   |                    |                  |                 |                  |
|   | Ba      | 137  |                   |                    |                  |                 |                  |
|   | Ho      | 165  |                   |                    |                  |                 |                  |
| > | Tb      | 159  |                   | 92.035             |                  |                 |                  |
|   | Hg      | 201  |                   |                    |                  |                 |                  |
|   | Hg      | 202  |                   |                    |                  |                 |                  |
|   | Tl      | 205  |                   |                    |                  |                 |                  |
| [ | Pb      | 208  |                   |                    |                  |                 |                  |

### Calibration

|   | Analyte | Mass | Curve Type       | Correlation Coefficient |
|---|---------|------|------------------|-------------------------|
|   | Be      | 9    | Linear Thru Zero | 1.000000                |
| > | Li      | 6    | Linear Thru Zero |                         |
| > | Sc-1    | 45   | Linear Thru Zero |                         |
|   | Cr      | 52   | Linear Thru Zero | 0.999991                |
|   | Cr      | 53   | Linear Thru Zero | 0.999972                |
|   | Mn      | 55   | Linear Thru Zero | 0.999999                |
|   | Co      | 59   | Linear Thru Zero | 0.999993                |
|   | Ni      | 60   | Linear Thru Zero | 0.999997                |
|   | Cu      | 63   | Linear Thru Zero | 1.000000                |
|   | Cu      | 65   | Linear Thru Zero | 1.000000                |
|   | Zn      | 66   | Linear Thru Zero | 0.999947                |
|   | Zn      | 67   | Linear Thru Zero | 0.999952                |
|   | Zn      | 68   | Linear Thru Zero | 0.999963                |
| > | Ge      | 72   | Linear Thru Zero |                         |
|   | As      | 75   | Linear Thru Zero | 0.999996                |

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|      |                     |          |
|------|---------------------|----------|
| Se   | 77Linear Thru Zero  | 1.000000 |
| Se   | 82Linear Thru Zero  | 0.999962 |
| As-1 | 75Linear Thru Zero  | 0.999982 |
| Kr   | 83Linear Thru Zero  |          |
| Ag   | 107Linear Thru Zero | 0.999975 |
| Cd   | 111Linear Thru Zero | 0.999999 |
| Cd   | 114Linear Thru Zero | 0.999997 |
| > In | 115Linear Thru Zero |          |
| Sb   | 121Linear Thru Zero | 0.999904 |
| Sb   | 123Linear Thru Zero | 0.999796 |
| Ba   | 135Linear Thru Zero | 1.000000 |
| Ba   | 137Linear Thru Zero | 0.999997 |
| Ho   | 165Linear Thru Zero |          |
| > Tb | 159Linear Thru Zero |          |
| Hg   | 201Linear Thru Zero | 0.999919 |
| Hg   | 202Linear Thru Zero | 0.999956 |
| Tl   | 205Linear Thru Zero | 0.999998 |
| Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: AE12160

Report Date/Time: Thursday, May 30, 2002 15:12:56

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# WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH

## Method 200.8 - Summary Report

**Sample ID: AE12161**

Sample Date/Time: Thursday, May 30, 2002 15:13:52

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\AE12161.440

Aliquot Volume (mL):

Diluted To Volume (mL):

### Concentration Results

|   | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|---|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [ | Be      | 9    | 8.333              | 13.856            | 0.000            | 0.00770    | 38.54     | ug/L        |
| > | Li      | 6    | 61833.199          | 0.908             | 61833.199        |            |           | ug/L        |
| > | Sc-1    | 45   | 420894.565         | 1.191             | 420894.565       |            |           | ug/L        |
|   | Cr      | 52   | 10520.525          | 2.487             | 0.009            | 0.42266    | 10.62     | ug/L        |
|   | Cr      | 53   | 1409.790           | 5.059             | 0.002            | 0.96978    | 8.75      | ug/L        |
|   | Mn      | 55   | 548229.229         | 0.738             | 1.300            | 37.73987   | 0.53      | ug/L        |
|   | Co      | 59   | 436.682            | 9.870             | 0.001            | 0.03050    | 12.57     | ug/L        |
|   | Ni      | 60   | 995.398            | 2.523             | 0.002            | 0.45100    | 1.42      | ug/L        |
|   | Cu      | 63   | 34847.683          | 1.245             | 0.082            | 7.89141    | 0.61      | ug/L        |
|   | Cu      | 65   | 16313.125          | 2.251             | 0.038            | 7.72657    | 1.85      | ug/L        |
|   | Zn      | 66   | 4898.035           | 1.587             | 0.049            | 2.85037    | 2.17      | ug/L        |
|   | Zn      | 67   | 939.058            | 4.728             | 0.009            | 3.16096    | 6.28      | ug/L        |
|   | Zn      | 68   | 4044.940           | 2.318             | 0.041            | 3.23991    | 3.10      | ug/L        |
| > | Ge      | 72   | 84227.232          | 0.641             | 84227.232        |            |           | ug/L        |
|   | As      | 75   | 967.616            | 12.871            | 0.010            | 0.47828    | 15.65     | ug/L        |
|   | Se      | 77   | 199.845            | 4.411             | 0.001            | 0.54094    | 11.58     | ug/L        |
|   | Se      | 82   | 50.485             | 39.145            | 0.001            | 0.22852    | 46.48     | ug/L        |
|   | As-1    | 75   | 1056.739           | 3.978             | 960.071          | 0.51305    | 4.38      | ug/L        |
|   | Kr      | 83   | 136.002            | 9.036             | -16.334          |            |           | ug/L        |
|   | Ag      | 107  | 300.341            | 3.285             | -0.000           | -0.05854   | 1.10      | ug/L        |
|   | Cd      | 111  | 47.334             | 8.538             | 0.000            | 0.00938    | 15.37     | ug/L        |
|   | Cd      | 114  | 100.895            | 4.852             | 0.000            | 0.00810    | 7.77      | ug/L        |
| > | In      | 115  | 1105645.082        | 1.502             | 1105645.082      |            |           | ug/L        |
|   | Sb      | 121  | 482.018            | 7.744             | 0.000            | 0.06121    | 6.81      | ug/L        |
|   | Sb      | 123  | 404.541            | 7.343             | 0.000            | 0.06714    | 9.42      | ug/L        |
|   | Ba      | 135  | 42770.141          | 0.977             | 0.026            | 19.65508   | 1.44      | ug/L        |
|   | Ba      | 137  | 75326.565          | 1.165             | 0.046            | 19.72279   | 0.47      | ug/L        |
|   | Ho      | 165  | 1638505.218        | 1.636             | 0.010            |            |           | ug/L        |
| > | Tb      | 159  | 1621088.215        | 1.475             | 1621088.215      |            |           | ug/L        |
|   | Hg      | 201  | 47.001             | 6.383             | 0.000            | 0.00631    | 52.50     | ug/L        |
|   | Hg      | 202  | 95.668             | 4.225             | 0.000            | 0.00827    | 13.04     | ug/L        |
|   | Tl      | 205  | 718.703            | 13.191            | 0.000            | 0.00419    | 81.26     | ug/L        |
|   | Pb      | 208  | 13470.369          | 1.457             | 0.006            | 0.29955    | 2.49      | ug/L        |

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### QC Calculated Values

|   | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rei. % Diff |
|---|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ | Be      | 9    |                   |                    |                  |                 |                  |
| > | Li      | 6    |                   | 86.316             |                  |                 |                  |
| > | Sc-1    | 45   |                   | 85.874             |                  |                 |                  |
|   | Cr      | 52   |                   |                    |                  |                 |                  |
|   | Cr      | 53   |                   |                    |                  |                 |                  |
|   | Mn      | 55   |                   |                    |                  |                 |                  |
|   | Co      | 59   |                   |                    |                  |                 |                  |
|   | Ni      | 60   |                   |                    |                  |                 |                  |
|   | Cu      | 63   |                   |                    |                  |                 |                  |
|   | Cu      | 65   |                   |                    |                  |                 |                  |
|   | Zn      | 66   |                   |                    |                  |                 |                  |
|   | Zn      | 67   |                   |                    |                  |                 |                  |
|   | Zn      | 68   |                   |                    |                  |                 |                  |
| > | Ge      | 72   |                   | 86.876             |                  |                 |                  |
|   | As      | 75   |                   |                    |                  |                 |                  |
|   | Se      | 77   |                   |                    |                  |                 |                  |
|   | Se      | 82   |                   |                    |                  |                 |                  |
|   | As-1    | 75   |                   |                    |                  |                 |                  |
|   | Kr      | 83   |                   |                    |                  |                 |                  |
|   | Ag      | 107  |                   |                    |                  |                 |                  |
|   | Cd      | 111  |                   |                    |                  |                 |                  |
|   | Cd      | 114  |                   |                    |                  |                 |                  |
| > | In      | 115  |                   | 88.915             |                  |                 |                  |
|   | Sb      | 121  |                   |                    |                  |                 |                  |
|   | Sb      | 123  |                   |                    |                  |                 |                  |
|   | Ba      | 135  |                   |                    |                  |                 |                  |
|   | Ba      | 137  |                   |                    |                  |                 |                  |
|   | Ho      | 165  |                   |                    |                  |                 |                  |
| > | Tb      | 159  |                   | 91.155             |                  |                 |                  |
|   | Hg      | 201  |                   |                    |                  |                 |                  |
|   | Hg      | 202  |                   |                    |                  |                 |                  |
|   | Tl      | 205  |                   |                    |                  |                 |                  |
|   | Pb      | 208  |                   |                    |                  |                 |                  |

### Calibration

|   | Analyte | Mass | Curve Type       | Correlation Coefficient |
|---|---------|------|------------------|-------------------------|
|   | Be      | 9    | Linear Thru Zero | 1.000000                |
| > | Li      | 6    | Linear Thru Zero |                         |
| > | Sc-1    | 45   | Linear Thru Zero |                         |
|   | Cr      | 52   | Linear Thru Zero | 0.999991                |
|   | Cr      | 53   | Linear Thru Zero | 0.999972                |
|   | Mn      | 55   | Linear Thru Zero | 0.999999                |
|   | Co      | 59   | Linear Thru Zero | 0.999993                |
|   | Ni      | 60   | Linear Thru Zero | 0.999997                |
|   | Cu      | 63   | Linear Thru Zero | 1.000000                |
|   | Cu      | 65   | Linear Thru Zero | 1.000000                |
|   | Zn      | 66   | Linear Thru Zero | 0.999947                |
|   | Zn      | 67   | Linear Thru Zero | 0.999952                |
|   | Zn      | 68   | Linear Thru Zero | 0.999963                |
| > | Ge      | 72   | Linear Thru Zero |                         |
|   | As      | 75   | Linear Thru Zero | 0.999996                |

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|      |                     |          |
|------|---------------------|----------|
| Se   | 77Linear Thru Zero  | 1.000000 |
| Se   | 82Linear Thru Zero  | 0.999962 |
| As-1 | 75Linear Thru Zero  | 0.999982 |
| Kr   | 83Linear Thru Zero  |          |
| Ag   | 107Linear Thru Zero | 0.999975 |
| Cd   | 111Linear Thru Zero | 0.999999 |
| Cd   | 114Linear Thru Zero | 0.999997 |
| > In | 115Linear Thru Zero |          |
| Sb   | 121Linear Thru Zero | 0.999904 |
| Sb   | 123Linear Thru Zero | 0.999796 |
| Ba   | 135Linear Thru Zero | 1.000000 |
| Ba   | 137Linear Thru Zero | 0.999997 |
| Ho   | 165Linear Thru Zero |          |
| > Tb | 159Linear Thru Zero |          |
| Hg   | 201Linear Thru Zero | 0.999919 |
| Hg   | 202Linear Thru Zero | 0.999956 |
| Tl   | 205Linear Thru Zero | 0.999998 |
| Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: AE12161

Report Date/Time: Thursday, May 30, 2002 15:15:49

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# WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH

## Method 200.8 - Summary Report

**Sample ID: AE12162**

Sample Date/Time: Thursday, May 30, 2002 15:16:45

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\AE12162.441

Aliquot Volume (mL):

Diluted To Volume (mL):

### Concentration Results

|   | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|---|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [ | Be      | 9    | 9.000              | 19.245            | 0.000            | 0.01033    | 47.30     | ug/L        |
| > | Li      | 6    | 59239.696          | 2.024             | 59239.696        |            |           | ug/L        |
| > | Sc-1    | 45   | 409795.088         | 1.132             | 409795.088       |            |           | ug/L        |
|   | Cr      | 52   | 8864.413           | 4.151             | 0.005            | 0.25706    | 19.08     | ug/L        |
|   | Cr      | 53   | 1285.437           | 0.960             | 0.002            | 0.88239    | 2.68      | ug/L        |
|   | Mn      | 55   | 419248.530         | 0.755             | 1.020            | 29.62688   | 1.32      | ug/L        |
|   | Co      | 59   | 351.010            | 5.065             | 0.001            | 0.02309    | 8.52      | ug/L        |
|   | Ni      | 60   | 916.055            | 0.289             | 0.002            | 0.42492    | 1.24      | ug/L        |
|   | Cu      | 63   | 687597.702         | 1.992             | 1.677            | 161.42225  | 1.77      | ug/L        |
| [ | Cu      | 65   | 331467.482         | 0.722             | 0.809            | 162.59701  | 1.71      | ug/L        |
| [ | Zn      | 66   | 8088.678           | 0.883             | 0.088            | 5.10475    | 0.91      | ug/L        |
|   | Zn      | 67   | 1385.119           | 1.314             | 0.015            | 4.98000    | 1.42      | ug/L        |
|   | Zn      | 68   | 6442.681           | 2.602             | 0.071            | 5.52791    | 2.85      | ug/L        |
| > | Ge      | 72   | 83375.435          | 0.888             | 83375.435        |            |           | ug/L        |
|   | As      | 75   | 968.043            | 2.805             | 0.010            | 0.48413    | 4.25      | ug/L        |
|   | Se      | 77   | 193.721            | 3.572             | 0.001            | 0.51438    | 7.16      | ug/L        |
| [ | Se      | 82   | 64.518             | 4.514             | 0.001            | 0.30636    | 5.79      | ug/L        |
|   | As-1    | 75   | 1007.066           | 3.318             | 910.398          | 0.48651    | 3.67      | ug/L        |
|   | Kr      | 83   | 132.336            | 5.032             | -20.001          |            |           | ug/L        |
| [ | Ag      | 107  | 281.341            | 6.401             | -0.000           | -0.05996   | 2.69      | ug/L        |
|   | Cd      | 111  | 44.334             | 18.092            | 0.000            | 0.00848    | 38.74     | ug/L        |
|   | Cd      | 114  | 106.376            | 17.973            | 0.000            | 0.00952    | 36.39     | ug/L        |
| > | In      | 115  | 1082778.260        | 1.244             | 1082778.260      |            |           | ug/L        |
|   | Sb      | 121  | 498.352            | 4.324             | 0.000            | 0.06494    | 3.41      | ug/L        |
| [ | Sb      | 123  | 368.121            | 5.287             | 0.000            | 0.06193    | 5.12      | ug/L        |
| [ | Ba      | 135  | 39272.706          | 0.503             | 0.025            | 18.28329   | 1.42      | ug/L        |
|   | Ba      | 137  | 68403.758          | 1.231             | 0.043            | 18.14332   | 0.28      | ug/L        |
|   | Ho      | 165  | 1621393.360        | 0.999             | 0.013            |            |           | ug/L        |
| > | Tb      | 159  | 1600089.325        | 0.956             | 1600089.325      |            |           | ug/L        |
|   | Hg      | 201  | 35.000             | 28.140            | -0.000           | -0.00419   | 224.21    | ug/L        |
|   | Hg      | 202  | 82.001             | 9.525             | 0.000            | 0.00323    | 101.62    | ug/L        |
|   | Tl      | 205  | 739.038            | 21.002            | 0.000            | 0.00539    | 111.86    | ug/L        |
| [ | Pb      | 208  | 86940.087          | 0.204             | 0.052            | 2.51056    | 0.79      | ug/L        |

Sample ID: AE12162

Report Date/Time: Thursday, May 30, 2002 15:18:41

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# **QC Calculated Values**

|   | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|---|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ | Be      | 9    |                   |                    |                  |                 |                  |
| > | Li      | 6    |                   | 82.695             |                  |                 |                  |
| > | Sc-1    | 45   |                   | 83.609             |                  |                 |                  |
|   | Cr      | 52   |                   |                    |                  |                 |                  |
|   | Cr      | 53   |                   |                    |                  |                 |                  |
|   | Mn      | 55   |                   |                    |                  |                 |                  |
|   | Co      | 59   |                   |                    |                  |                 |                  |
|   | Ni      | 60   |                   |                    |                  |                 |                  |
|   | Cu      | 63   |                   |                    |                  |                 |                  |
|   | Cu      | 65   |                   |                    |                  |                 |                  |
|   | Zn      | 66   |                   |                    |                  |                 |                  |
|   | Zn      | 67   |                   |                    |                  |                 |                  |
|   | Zn      | 68   |                   |                    |                  |                 |                  |
| > | Ge      | 72   |                   | 85.997             |                  |                 |                  |
|   | As      | 75   |                   |                    |                  |                 |                  |
|   | Se      | 77   |                   |                    |                  |                 |                  |
|   | Se      | 82   |                   |                    |                  |                 |                  |
|   | As-1    | 75   |                   |                    |                  |                 |                  |
|   | Kr      | 83   |                   |                    |                  |                 |                  |
| [ | Ag      | 107  |                   |                    |                  |                 |                  |
|   | Cd      | 111  |                   |                    |                  |                 |                  |
|   | Cd      | 114  |                   |                    |                  |                 |                  |
| > | In      | 115  |                   | 87.076             |                  |                 |                  |
|   | Sb      | 121  |                   |                    |                  |                 |                  |
|   | Sb      | 123  |                   |                    |                  |                 |                  |
|   | Ba      | 135  |                   |                    |                  |                 |                  |
|   | Ba      | 137  |                   |                    |                  |                 |                  |
|   | Ho      | 165  |                   |                    |                  |                 |                  |
| > | Tb      | 159  |                   | 89.974             |                  |                 |                  |
|   | Hg      | 201  |                   |                    |                  |                 |                  |
|   | Hg      | 202  |                   |                    |                  |                 |                  |
|   | Tl      | 205  |                   |                    |                  |                 |                  |
|   | Pb      | 208  |                   |                    |                  |                 |                  |

## **Calibration**

|   | Analyte | Mass | Curve Type       | Correlation Coefficient |
|---|---------|------|------------------|-------------------------|
|   | Be      | 9    | Linear Thru Zero | 1.000000                |
| > | Li      | 6    | Linear Thru Zero |                         |
| > | Sc-1    | 45   | Linear Thru Zero |                         |
|   | Cr      | 52   | Linear Thru Zero | 0.999991                |
|   | Cr      | 53   | Linear Thru Zero | 0.999972                |
|   | Mn      | 55   | Linear Thru Zero | 0.999999                |
|   | Co      | 59   | Linear Thru Zero | 0.999993                |
|   | Ni      | 60   | Linear Thru Zero | 0.999997                |
|   | Cu      | 63   | Linear Thru Zero | 1.000000                |
|   | Cu      | 65   | Linear Thru Zero | 1.000000                |
|   | Zn      | 66   | Linear Thru Zero | 0.999947                |
|   | Zn      | 67   | Linear Thru Zero | 0.999952                |
|   | Zn      | 68   | Linear Thru Zero | 0.999963                |
| > | Ge      | 72   | Linear Thru Zero |                         |
|   | As      | 75   | Linear Thru Zero | 0.999996                |

Sample ID: AE12162

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|      |                     |          |
|------|---------------------|----------|
| Se   | 77Linear Thru Zero  | 1.000000 |
| Se   | 82Linear Thru Zero  | 0.999962 |
| As-1 | 75Linear Thru Zero  | 0.999982 |
| Kr   | 83Linear Thru Zero  |          |
| Ag   | 107Linear Thru Zero | 0.999975 |
| Cd   | 111Linear Thru Zero | 0.999999 |
| Cd   | 114Linear Thru Zero | 0.999997 |
| > In | 115Linear Thru Zero |          |
| Sb   | 121Linear Thru Zero | 0.999904 |
| Sb   | 123Linear Thru Zero | 0.999796 |
| Ba   | 135Linear Thru Zero | 1.000000 |
| Ba   | 137Linear Thru Zero | 0.999997 |
| Ho   | 165Linear Thru Zero |          |
| > Tb | 159Linear Thru Zero |          |
| Hg   | 201Linear Thru Zero | 0.999919 |
| Hg   | 202Linear Thru Zero | 0.999956 |
| Tl   | 205Linear Thru Zero | 0.999998 |
| Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: AE12162

Report Date/Time: Thursday, May 30, 2002 15:18:41

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**WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH****Method 200.8 - Summary Report****Sample ID: AE12163**

Sample Date/Time: Thursday, May 30, 2002 15:19:37

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\AE12163.442

Aliquot Volume (mL):

Diluted To Volume (mL):

**Concentration Results**

|    | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|----|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [  | Be      | 9    | 5.333              | 84.548            | 0.000            | 0.00049    | 2264.39   | ug/L        |
| >  | Li      | 6    | 61254.287          | 0.570             | 61254.287        |            |           | ug/L        |
| [> | Sc-1    | 45   | 422323.271         | 0.931             | 422323.271       |            |           | ug/L        |
|    | Cr      | 52   | 11147.949          | 3.755             | 0.010            | 0.49122    | 9.79      | ug/L        |
|    | Cr      | 53   | 1857.542           | 5.638             | 0.003            | 1.39744    | 7.09      | ug/L        |
|    | Mn      | 55   | 595603.596         | 1.713             | 1.408            | 40.87200   | 2.35      | ug/L        |
|    | Co      | 59   | 516.353            | 2.579             | 0.001            | 0.03814    | 3.31      | ug/L        |
|    | Ni      | 60   | 1301.773           | 2.577             | 0.003            | 0.59598    | 2.61      | ug/L        |
|    | Cu      | 63   | 43594.059          | 1.548             | 0.102            | 9.85871    | 2.14      | ug/L        |
| [  | Cu      | 65   | 20615.897          | 2.329             | 0.048            | 9.74952    | 2.55      | ug/L        |
| [  | Zn      | 66   | 11708.986          | 0.179             | 0.130            | 7.53293    | 1.67      | ug/L        |
|    | Zn      | 67   | 1986.904           | 3.301             | 0.022            | 7.29414    | 3.05      | ug/L        |
|    | Zn      | 68   | 9203.081           | 0.705             | 0.103            | 8.02118    | 0.94      | ug/L        |
| >  | Ge      | 72   | 84324.836          | 1.374             | 84324.836        |            |           | ug/L        |
|    | As      | 75   | 1041.676           | 3.857             | 0.011            | 0.52036    | 4.82      | ug/L        |
|    | Se      | 77   | 227.477            | 4.122             | 0.001            | 0.71418    | 10.27     | ug/L        |
| [  | Se      | 82   | 90.188             | 21.819            | 0.001            | 0.43841    | 23.33     | ug/L        |
|    | As-1    | 75   | 1213.760           | 4.153             | 1117.092         | 0.59696    | 4.51      | ug/L        |
|    | Kr      | 83   | 132.002            | 2.004             | -20.334          |            |           | ug/L        |
| [  | Ag      | 107  | 156.003            | 4.204             | -0.001           | -0.07420   | 1.08      | ug/L        |
|    | Cd      | 111  | 41.001             | 12.195            | 0.000            | 0.00672    | 36.42     | ug/L        |
|    | Cd      | 114  | 96.659             | 14.047            | 0.000            | 0.00738    | 38.69     | ug/L        |
| >  | In      | 115  | 1104551.824        | 2.149             | 1104551.824      |            |           | ug/L        |
|    | Sb      | 121  | 486.018            | 6.613             | 0.000            | 0.06193    | 8.65      | ug/L        |
| [  | Sb      | 123  | 392.413            | 3.488             | 0.000            | 0.06499    | 3.72      | ug/L        |
| [  | Ba      | 135  | 48421.806          | 2.212             | 0.030            | 22.10129   | 0.52      | ug/L        |
|    | Ba      | 137  | 83470.659          | 1.281             | 0.051            | 21.71029   | 0.57      | ug/L        |
|    | Ho      | 165  | 1646069.428        | 1.071             | 0.008            |            |           | ug/L        |
| >  | Tb      | 159  | 1632047.293        | 1.807             | 1632047.293      |            |           | ug/L        |
|    | Hg      | 201  | 38.334             | 28.735            | -0.000           | -0.00180   | 574.69    | ug/L        |
|    | Hg      | 202  | 78.334             | 12.066            | 0.000            | 0.00116    | 373.72    | ug/L        |
|    | Tl      | 205  | 698.034            | 13.667            | 0.000            | 0.00316    | 105.79    | ug/L        |
| [  | Pb      | 208  | 13990.052          | 2.923             | 0.006            | 0.31207    | 1.75      | ug/L        |

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### QC Calculated Values

|   | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|---|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ | Be      | 9    |                   |                    |                  |                 |                  |
| > | Li      | 6    |                   | 85.507             |                  |                 |                  |
| > | Sc-1    | 45   |                   | 86.165             |                  |                 |                  |
|   | Cr      | 52   |                   |                    |                  |                 |                  |
|   | Cr      | 53   |                   |                    |                  |                 |                  |
|   | Mn      | 55   |                   |                    |                  |                 |                  |
|   | Co      | 59   |                   |                    |                  |                 |                  |
|   | Ni      | 60   |                   |                    |                  |                 |                  |
|   | Cu      | 63   |                   |                    |                  |                 |                  |
|   | Cu      | 65   |                   |                    |                  |                 |                  |
|   | Zn      | 66   |                   |                    |                  |                 |                  |
|   | Zn      | 67   |                   |                    |                  |                 |                  |
|   | Zn      | 68   |                   |                    |                  |                 |                  |
| > | Ge      | 72   |                   | 86.977             |                  |                 |                  |
|   | As      | 75   |                   |                    |                  |                 |                  |
|   | Se      | 77   |                   |                    |                  |                 |                  |
|   | Se      | 82   |                   |                    |                  |                 |                  |
|   | As-1    | 75   |                   |                    |                  |                 |                  |
|   | Kr      | 83   |                   |                    |                  |                 |                  |
|   | Ag      | 107  |                   |                    |                  |                 |                  |
|   | Cd      | 111  |                   |                    |                  |                 |                  |
|   | Cd      | 114  |                   |                    |                  |                 |                  |
| > | In      | 115  |                   | 88.827             |                  |                 |                  |
|   | Sb      | 121  |                   |                    |                  |                 |                  |
|   | Sb      | 123  |                   |                    |                  |                 |                  |
|   | Ba      | 135  |                   |                    |                  |                 |                  |
|   | Ba      | 137  |                   |                    |                  |                 |                  |
|   | Ho      | 165  |                   |                    |                  |                 |                  |
| > | Tb      | 159  |                   | 91.771             |                  |                 |                  |
|   | Hg      | 201  |                   |                    |                  |                 |                  |
|   | Hg      | 202  |                   |                    |                  |                 |                  |
|   | Tl      | 205  |                   |                    |                  |                 |                  |
|   | Pb      | 208  |                   |                    |                  |                 |                  |

### Calibration

|   | Analyte | Mass | Curve Type       | Correlation Coefficient |
|---|---------|------|------------------|-------------------------|
|   | Be      | 9    | Linear Thru Zero | 1.000000                |
| > | Li      | 6    | Linear Thru Zero |                         |
| > | Sc-1    | 45   | Linear Thru Zero |                         |
|   | Cr      | 52   | Linear Thru Zero | 0.999991                |
|   | Cr      | 53   | Linear Thru Zero | 0.999972                |
|   | Mn      | 55   | Linear Thru Zero | 0.999999                |
|   | Co      | 59   | Linear Thru Zero | 0.999993                |
|   | Ni      | 60   | Linear Thru Zero | 0.999997                |
|   | Cu      | 63   | Linear Thru Zero | 1.000000                |
|   | Cu      | 65   | Linear Thru Zero | 1.000000                |
|   | Zn      | 66   | Linear Thru Zero | 0.999947                |
|   | Zn      | 67   | Linear Thru Zero | 0.999952                |
|   | Zn      | 68   | Linear Thru Zero | 0.999963                |
| > | Ge      | 72   | Linear Thru Zero |                         |
|   | As      | 75   | Linear Thru Zero | 0.999996                |

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|      |                     |          |
|------|---------------------|----------|
| Se   | 77Linear Thru Zero  | 1.000000 |
| Se   | 82Linear Thru Zero  | 0.999962 |
| As-1 | 75Linear Thru Zero  | 0.999982 |
| Kr   | 83Linear Thru Zero  |          |
| Ag   | 107Linear Thru Zero | 0.999975 |
| Cd   | 111Linear Thru Zero | 0.999999 |
| Cd   | 114Linear Thru Zero | 0.999997 |
| > In | 115Linear Thru Zero |          |
| Sb   | 121Linear Thru Zero | 0.999904 |
| Sb   | 123Linear Thru Zero | 0.999796 |
| Ba   | 135Linear Thru Zero | 1.000000 |
| Ba   | 137Linear Thru Zero | 0.999997 |
| Ho   | 165Linear Thru Zero |          |
| > Tb | 159Linear Thru Zero |          |
| Hg   | 201Linear Thru Zero | 0.999919 |
| Hg   | 202Linear Thru Zero | 0.999956 |
| Tl   | 205Linear Thru Zero | 0.999998 |
| Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: AE12163

Report Date/Time: Thursday, May 30, 2002 15:21:33

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# WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH

## Method 200.8 - Summary Report

**Sample ID: AE12164**

Sample Date/Time: Thursday, May 30, 2002 15:22:28

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\AE12164.443

Aliquot Volume (mL):

Diluted To Volume (mL):

### Concentration Results

|    | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|----|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [  | Be      | 9    | 6.333              | 24.119            | 0.000            | 0.00252    | 146.11    | ug/L        |
| [> | Li      | 6    | 63023.688          | 1.229             | 63023.688        |            |           | ug/L        |
| [> | Sc-1    | 45   | 427082.283         | 0.789             | 427082.283       |            |           | ug/L        |
|    | Cr      | 52   | 9365.250           | 2.467             | 0.006            | 0.27160    | 11.54     | ug/L        |
|    | Cr      | 53   | 1378.118           | 2.496             | 0.002            | 0.91889    | 2.44      | ug/L        |
|    | Mn      | 55   | 382141.719         | 1.927             | 0.892            | 25.89859   | 1.43      | ug/L        |
|    | Co      | 59   | 318.342            | 5.389             | 0.000            | 0.01851    | 7.82      | ug/L        |
|    | Ni      | 60   | 850.382            | 1.669             | 0.002            | 0.37555    | 1.74      | ug/L        |
|    | Cu      | 63   | 55422.675          | 1.556             | 0.129            | 12.41255   | 1.12      | ug/L        |
|    | Cu      | 65   | 26306.605          | 0.756             | 0.061            | 12.31893   | 0.42      | ug/L        |
| [  | Zn      | 66   | 14507.044          | 0.388             | 0.160            | 9.27468    | 1.84      | ug/L        |
|    | Zn      | 67   | 2296.646           | 1.279             | 0.025            | 8.35284    | 2.63      | ug/L        |
|    | Zn      | 68   | 11051.491          | 1.466             | 0.122            | 9.54768    | 1.77      | ug/L        |
| [> | Ge      | 72   | 85909.297          | 1.888             | 85909.297        |            |           | ug/L        |
|    | As      | 75   | 955.579            | 9.491             | 0.009            | 0.45971    | 9.18      | ug/L        |
|    | Se      | 77   | 193.028            | 9.130             | 0.001            | 0.47272    | 18.57     | ug/L        |
|    | Se      | 82   | 43.816             | 18.169            | 0.000            | 0.18782    | 19.99     | ug/L        |
|    | As-1    | 75   | 981.730            | 2.781             | 885.061          | 0.47297    | 3.08      | ug/L        |
|    | Kr      | 83   | 136.336            | 4.884             | -16.000          |            |           | ug/L        |
| [  | Ag      | 107  | 180.337            | 1.783             | -0.001           | -0.07191   | 0.13      | ug/L        |
|    | Cd      | 111  | 41.334             | 24.354            | 0.000            | 0.00646    | 60.35     | ug/L        |
|    | Cd      | 114  | 96.995             | 2.480             | 0.000            | 0.00709    | 11.20     | ug/L        |
| [> | In      | 115  | 1125177.382        | 2.093             | 1125177.382      |            |           | ug/L        |
|    | Sb      | 121  | 425.348            | 4.621             | 0.000            | 0.05242    | 2.74      | ug/L        |
|    | Sb      | 123  | 313.288            | 5.388             | 0.000            | 0.04980    | 7.96      | ug/L        |
| [  | Ba      | 135  | 39179.995          | 2.040             | 0.024            | 17.55044   | 2.39      | ug/L        |
|    | Ba      | 137  | 68251.941          | 0.810             | 0.041            | 17.42128   | 1.87      | ug/L        |
|    | Ho      | 165  | 1665472.245        | 1.384             | 0.001            |            |           | ug/L        |
| [> | Tb      | 159  | 1663044.281        | 1.890             | 1663044.281      |            |           | ug/L        |
|    | Hg      | 201  | 42.667             | 3.580             | 0.000            | 0.00138    | 146.38    | ug/L        |
|    | Hg      | 202  | 73.334             | 17.587            | -0.000           | -0.00144   | 350.81    | ug/L        |
|    | Tl      | 205  | 710.035            | 13.029            | 0.000            | 0.00311    | 99.56     | ug/L        |
|    | Pb      | 208  | 17975.114          | 2.948             | 0.009            | 0.41948    | 1.32      | ug/L        |

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**QC Calculated Values**

|   | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|---|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ | Be      | 9    |                   |                    |                  |                 |                  |
| > | Li      | 6    |                   | 87.977             |                  |                 |                  |
| > | Sc-1    | 45   |                   | 87.136             |                  |                 |                  |
|   | Cr      | 52   |                   |                    |                  |                 |                  |
|   | Cr      | 53   |                   |                    |                  |                 |                  |
|   | Mn      | 55   |                   |                    |                  |                 |                  |
|   | Co      | 59   |                   |                    |                  |                 |                  |
|   | Ni      | 60   |                   |                    |                  |                 |                  |
|   | Cu      | 63   |                   |                    |                  |                 |                  |
|   | Cu      | 65   |                   |                    |                  |                 |                  |
|   | Zn      | 66   |                   |                    |                  |                 |                  |
|   | Zn      | 67   |                   |                    |                  |                 |                  |
|   | Zn      | 68   |                   |                    |                  |                 |                  |
| > | Ge      | 72   |                   | 88.611             |                  |                 |                  |
|   | As      | 75   |                   |                    |                  |                 |                  |
|   | Se      | 77   |                   |                    |                  |                 |                  |
|   | Se      | 82   |                   |                    |                  |                 |                  |
|   | As-1    | 75   |                   |                    |                  |                 |                  |
|   | Kr      | 83   |                   |                    |                  |                 |                  |
| [ | Ag      | 107  |                   |                    |                  |                 |                  |
|   | Cd      | 111  |                   |                    |                  |                 |                  |
|   | Cd      | 114  |                   |                    |                  |                 |                  |
| > | In      | 115  |                   | 90.486             |                  |                 |                  |
|   | Sb      | 121  |                   |                    |                  |                 |                  |
|   | Sb      | 123  |                   |                    |                  |                 |                  |
|   | Ba      | 135  |                   |                    |                  |                 |                  |
|   | Ba      | 137  |                   |                    |                  |                 |                  |
|   | Ho      | 165  |                   |                    |                  |                 |                  |
| > | Tb      | 159  |                   | 93.514             |                  |                 |                  |
|   | Hg      | 201  |                   |                    |                  |                 |                  |
|   | Hg      | 202  |                   |                    |                  |                 |                  |
|   | Tl      | 205  |                   |                    |                  |                 |                  |
|   | Pb      | 208  |                   |                    |                  |                 |                  |

**Calibration**

|   | Analyte | Mass | Curve Type       | Correlation Coefficient |
|---|---------|------|------------------|-------------------------|
|   | Be      | 9    | Linear Thru Zero | 1.000000                |
| > | Li      | 6    | Linear Thru Zero |                         |
| > | Sc-1    | 45   | Linear Thru Zero |                         |
|   | Cr      | 52   | Linear Thru Zero | 0.999991                |
|   | Cr      | 53   | Linear Thru Zero | 0.999972                |
|   | Mn      | 55   | Linear Thru Zero | 0.999999                |
|   | Co      | 59   | Linear Thru Zero | 0.999993                |
|   | Ni      | 60   | Linear Thru Zero | 0.999997                |
|   | Cu      | 63   | Linear Thru Zero | 1.000000                |
|   | Cu      | 65   | Linear Thru Zero | 1.000000                |
|   | Zn      | 66   | Linear Thru Zero | 0.999947                |
|   | Zn      | 67   | Linear Thru Zero | 0.999952                |
|   | Zn      | 68   | Linear Thru Zero | 0.999963                |
| > | Ge      | 72   | Linear Thru Zero |                         |
|   | As      | 75   | Linear Thru Zero | 0.999996                |

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|      |                     |          |
|------|---------------------|----------|
| Se   | 77Linear Thru Zero  | 1.000000 |
| Se   | 82Linear Thru Zero  | 0.999962 |
| As-1 | 75Linear Thru Zero  | 0.999982 |
| Kr   | 83Linear Thru Zero  |          |
| Ag   | 107Linear Thru Zero | 0.999975 |
| Cd   | 111Linear Thru Zero | 0.999999 |
| Cd   | 114Linear Thru Zero | 0.999997 |
| In   | 115Linear Thru Zero |          |
| Sb   | 121Linear Thru Zero | 0.999904 |
| Sb   | 123Linear Thru Zero | 0.999796 |
| Ba   | 135Linear Thru Zero | 1.000000 |
| Ba   | 137Linear Thru Zero | 0.999997 |
| Ho   | 165Linear Thru Zero |          |
| Tb   | 159Linear Thru Zero |          |
| Hg   | 201Linear Thru Zero | 0.999919 |
| Hg   | 202Linear Thru Zero | 0.999956 |
| Tl   | 205Linear Thru Zero | 0.999998 |
| Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: AE12164

Report Date/Time: Thursday, May 30, 2002 15:24:25

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# WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH

## Method 200.8 - Summary Report

**Sample ID: AE12165**

Sample Date/Time: Thursday, May 30, 2002 15:25:21

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\AE12165.444

Aliquot Volume (mL):

Diluted To Volume (mL):

### Concentration Results

|   | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|---|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [ | Be      | 9    | 6.000              | 16.667            | 0.000            | 0.00191    | 130.28    | ug/L        |
| > | Li      | 6    | 62232.242          | 0.761             | 62232.242        |            |           | ug/L        |
| > | Sc-1    | 45   | 421410.573         | 0.399             | 421410.573       |            |           | ug/L        |
|   | Cr      | 52   | 8322.228           | 4.045             | 0.003            | 0.16442    | 26.26     | ug/L        |
|   | Cr      | 53   | 1334.778           | 3.822             | 0.002            | 0.89468    | 5.23      | ug/L        |
|   | Mn      | 55   | 437518.586         | 1.944             | 1.035            | 30.06444   | 1.90      | ug/L        |
|   | Co      | 59   | 382.345            | 2.513             | 0.001            | 0.02517    | 3.35      | ug/L        |
|   | Ni      | 60   | 808.044            | 6.261             | 0.002            | 0.36062    | 6.40      | ug/L        |
|   | Cu      | 63   | 30894.723          | 1.464             | 0.073            | 6.97860    | 1.19      | ug/L        |
|   | Cu      | 65   | 14616.557          | 1.999             | 0.034            | 6.90740    | 1.74      | ug/L        |
|   | Zn      | 66   | 3787.493           | 1.153             | 0.036            | 2.06410    | 1.58      | ug/L        |
|   | Zn      | 67   | 787.375            | 5.799             | 0.008            | 2.53481    | 6.95      | ug/L        |
|   | Zn      | 68   | 3140.240           | 1.654             | 0.030            | 2.37556    | 1.97      | ug/L        |
| > | Ge      | 72   | 84922.676          | 0.933             | 84922.676        |            |           | ug/L        |
|   | As      | 75   | 969.383            | 5.624             | 0.010            | 0.47430    | 5.52      | ug/L        |
|   | Se      | 77   | 191.586            | 4.594             | 0.001            | 0.47897    | 13.55     | ug/L        |
|   | Se      | 82   | 66.179             | 42.936            | 0.001            | 0.30793    | 47.47     | ug/L        |
|   | As-1    | 75   | 978.062            | 1.125             | 881.394          | 0.47101    | 1.25      | ug/L        |
|   | Kr      | 83   | 133.002            | 9.239             | -19.334          |            |           | ug/L        |
|   | Ag      | 107  | 146.003            | 11.684            | -0.001           | -0.07551   | 2.31      | ug/L        |
|   | Cd      | 111  | 45.001             | 8.012             | 0.000            | 0.00815    | 19.15     | ug/L        |
|   | Cd      | 114  | 106.975            | 16.094            | 0.000            | 0.00897    | 33.73     | ug/L        |
| > | In      | 115  | 1119719.225        | 0.588             | 1119719.225      |            |           | ug/L        |
|   | Sb      | 121  | 405.346            | 1.567             | 0.000            | 0.05000    | 1.20      | ug/L        |
|   | Sb      | 123  | 298.330            | 7.900             | 0.000            | 0.04737    | 8.86      | ug/L        |
|   | Ba      | 135  | 38872.989          | 0.282             | 0.024            | 17.57835   | 0.59      | ug/L        |
|   | Ba      | 137  | 68196.552          | 1.456             | 0.041            | 17.57069   | 0.70      | ug/L        |
|   | Ho      | 165  | 1656826.722        | 0.668             | 0.006            |            |           | ug/L        |
| > | Tb      | 159  | 1647170.212        | 0.807             | 1647170.212      |            |           | ug/L        |
|   | Hg      | 201  | 29.334             | 20.830            | -0.000           | -0.01022   | 55.81     | ug/L        |
|   | Hg      | 202  | 81.001             | 20.211            | 0.000            | 0.00188    | 345.70    | ug/L        |
|   | Tl      | 205  | 686.033            | 13.411            | 0.000            | 0.00245    | 141.94    | ug/L        |
|   | Pb      | 208  | 12479.472          | 1.695             | 0.006            | 0.26429    | 2.46      | ug/L        |

Sample ID: AE12165

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# **QC Calculated Values**

|    | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|----|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [  | Be      | 9    |                   |                    |                  |                 |                  |
| [> | Li      | 6    |                   | 86.873             |                  |                 |                  |
| [> | Sc-1    | 45   |                   | 85.979             |                  |                 |                  |
|    | Cr      | 52   |                   |                    |                  |                 |                  |
|    | Cr      | 53   |                   |                    |                  |                 |                  |
|    | Mn      | 55   |                   |                    |                  |                 |                  |
|    | Co      | 59   |                   |                    |                  |                 |                  |
|    | Ni      | 60   |                   |                    |                  |                 |                  |
|    | Cu      | 63   |                   |                    |                  |                 |                  |
| [  | Cu      | 65   |                   |                    |                  |                 |                  |
| [  | Zn      | 66   |                   |                    |                  |                 |                  |
|    | Zn      | 67   |                   |                    |                  |                 |                  |
|    | Zn      | 68   |                   |                    |                  |                 |                  |
| [> | Ge      | 72   |                   | 87.593             |                  |                 |                  |
|    | As      | 75   |                   |                    |                  |                 |                  |
|    | Se      | 77   |                   |                    |                  |                 |                  |
| [  | Se      | 82   |                   |                    |                  |                 |                  |
|    | As-1    | 75   |                   |                    |                  |                 |                  |
|    | Kr      | 83   |                   |                    |                  |                 |                  |
| [  | Ag      | 107  |                   |                    |                  |                 |                  |
|    | Cd      | 111  |                   |                    |                  |                 |                  |
|    | Cd      | 114  |                   |                    |                  |                 |                  |
| [> | In      | 115  |                   | 90.047             |                  |                 |                  |
|    | Sb      | 121  |                   |                    |                  |                 |                  |
| [  | Sb      | 123  |                   |                    |                  |                 |                  |
| [  | Ba      | 135  |                   |                    |                  |                 |                  |
|    | Ba      | 137  |                   |                    |                  |                 |                  |
|    | Ho      | 165  |                   |                    |                  |                 |                  |
| [> | Tb      | 159  |                   | 92.622             |                  |                 |                  |
|    | Hg      | 201  |                   |                    |                  |                 |                  |
|    | Hg      | 202  |                   |                    |                  |                 |                  |
|    | Tl      | 205  |                   |                    |                  |                 |                  |
| [  | Pb      | 208  |                   |                    |                  |                 |                  |

## **Calibration**

|    | Analyte | Mass | Curve Type       | Correlation Coefficient |
|----|---------|------|------------------|-------------------------|
|    | Be      | 9    | Linear Thru Zero | 1.000000                |
| [> | Li      | 6    | Linear Thru Zero |                         |
| [> | Sc-1    | 45   | Linear Thru Zero |                         |
|    | Cr      | 52   | Linear Thru Zero | 0.999991                |
|    | Cr      | 53   | Linear Thru Zero | 0.999972                |
|    | Mn      | 55   | Linear Thru Zero | 0.999999                |
|    | Co      | 59   | Linear Thru Zero | 0.999993                |
|    | Ni      | 60   | Linear Thru Zero | 0.999997                |
|    | Cu      | 63   | Linear Thru Zero | 1.000000                |
|    | Cu      | 65   | Linear Thru Zero | 1.000000                |
|    | Zn      | 66   | Linear Thru Zero | 0.999947                |
|    | Zn      | 67   | Linear Thru Zero | 0.999952                |
|    | Zn      | 68   | Linear Thru Zero | 0.999963                |
| [> | Ge      | 72   | Linear Thru Zero |                         |
|    | As      | 75   | Linear Thru Zero | 0.999996                |

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|   |      |                     |          |
|---|------|---------------------|----------|
|   | Se   | 77Linear Thru Zero  | 1.000000 |
|   | Se   | 82Linear Thru Zero  | 0.999962 |
|   | As-1 | 75Linear Thru Zero  | 0.999982 |
|   | Kr   | 83Linear Thru Zero  |          |
|   | Ag   | 107Linear Thru Zero | 0.999975 |
|   | Cd   | 111Linear Thru Zero | 0.999999 |
|   | Cd   | 114Linear Thru Zero | 0.999997 |
| > | In   | 115Linear Thru Zero |          |
|   | Sb   | 121Linear Thru Zero | 0.999904 |
|   | Sb   | 123Linear Thru Zero | 0.999796 |
|   | Ba   | 135Linear Thru Zero | 1.000000 |
|   | Ba   | 137Linear Thru Zero | 0.999997 |
|   | Ho   | 165Linear Thru Zero |          |
| > | Tb   | 159Linear Thru Zero |          |
|   | Hg   | 201Linear Thru Zero | 0.999919 |
|   | Hg   | 202Linear Thru Zero | 0.999956 |
|   | Tl   | 205Linear Thru Zero | 0.999998 |
|   | Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: AE12165

Report Date/Time: Thursday, May 30, 2002 15:27:17

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# WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH

## Method 200.8 - Summary Report

**Sample ID: AE12168**

Sample Date/Time: Thursday, May 30, 2002 15:28:13

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\AE12168.445

Aliquot Volume (mL):

Diluted To Volume (mL):

### Concentration Results

|   | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|---|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [ | Be      | 9    | 6.333              | 55.451            | 0.000            | 0.00262    | 328.65    | ug/L        |
| > | Li      | 6    | 62972.017          | 1.695             | 62972.017        |            |           | ug/L        |
| > | Sc-1    | 45   | 425060.158         | 0.505             | 425060.158       |            |           | ug/L        |
|   | Cr      | 52   | 8972.849           | 1.196             | 0.005            | 0.23121    | 3.70      | ug/L        |
|   | Cr      | 53   | 1292.772           | 2.243             | 0.002            | 0.84334    | 3.70      | ug/L        |
|   | Mn      | 55   | 453236.136         | 0.907             | 1.064            | 30.87883   | 0.40      | ug/L        |
|   | Co      | 59   | 315.009            | 4.677             | 0.000            | 0.01833    | 7.11      | ug/L        |
|   | Ni      | 60   | 725.703            | 1.034             | 0.002            | 0.31821    | 0.88      | ug/L        |
|   | Cu      | 63   | 5611.454           | 0.624             | 0.012            | 1.19312    | 1.16      | ug/L        |
|   | Cu      | 65   | 2601.732           | 1.590             | 0.006            | 1.16406    | 1.84      | ug/L        |
| [ | Zn      | 66   | 1614.826           | 2.974             | 0.010            | 0.57007    | 7.64      | ug/L        |
|   | Zn      | 67   | 400.346            | 0.721             | 0.003            | 1.00277    | 2.55      | ug/L        |
|   | Zn      | 68   | 1626.495           | 2.405             | 0.012            | 0.96718    | 2.09      | ug/L        |
| > | Ge      | 72   | 85709.027          | 1.182             | 85709.027        |            |           | ug/L        |
|   | As      | 75   | 1037.095           | 5.165             | 0.010            | 0.50820    | 7.36      | ug/L        |
|   | Se      | 77   | 185.170            | 6.931             | 0.001            | 0.42817    | 20.42     | ug/L        |
|   | Se      | 82   | 81.249             | 31.000            | 0.001            | 0.38528    | 35.60     | ug/L        |
| [ | As-1    | 75   | 1003.732           | 1.532             | 907.064          | 0.48473    | 1.70      | ug/L        |
|   | Kr      | 83   | 125.002            | 7.332             | -27.334          |            |           | ug/L        |
| [ | Ag      | 107  | 128.002            | 14.905            | -0.001           | -0.07770   | 2.38      | ug/L        |
|   | Cd      | 111  | 48.001             | 24.026            | 0.000            | 0.00910    | 55.59     | ug/L        |
|   | Cd      | 114  | 91.858             | 28.319            | 0.000            | 0.00597    | 81.44     | ug/L        |
| > | In      | 115  | 1140230.808        | 1.509             | 1140230.808      |            |           | ug/L        |
|   | Sb      | 121  | 402.013            | 4.110             | 0.000            | 0.04858    | 5.72      | ug/L        |
|   | Sb      | 123  | 288.493            | 6.394             | 0.000            | 0.04471    | 7.39      | ug/L        |
| [ | Ba      | 135  | 39958.695          | 0.784             | 0.024            | 17.95210   | 1.62      | ug/L        |
|   | Ba      | 137  | 69488.613          | 1.109             | 0.042            | 17.78734   | 1.19      | ug/L        |
|   | Ho      | 165  | 1677154.321        | 1.259             | 0.011            |            |           | ug/L        |
| > | Tb      | 159  | 1658205.648        | 1.862             | 1658205.648      |            |           | ug/L        |
|   | Hg      | 201  | 38.000             | 18.421            | -0.000           | -0.00262   | 262.64    | ug/L        |
|   | Hg      | 202  | 65.334             | 12.277            | -0.000           | -0.00445   | 81.09     | ug/L        |
|   | Tl      | 205  | 675.699            | 17.875            | 0.000            | 0.00184    | 239.23    | ug/L        |
|   | Pb      | 208  | 2985.221           | 4.231             | -0.000           | -0.01315   | 32.79     | ug/L        |

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### QC Calculated Values

|   | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|---|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ | Be      | 9    |                   |                    |                  |                 |                  |
| > | Li      | 6    |                   | 87.905             |                  |                 |                  |
| > | Sc-1    | 45   |                   | 86.724             |                  |                 |                  |
|   | Cr      | 52   |                   |                    |                  |                 |                  |
|   | Cr      | 53   |                   |                    |                  |                 |                  |
|   | Mn      | 55   |                   |                    |                  |                 |                  |
|   | Co      | 59   |                   |                    |                  |                 |                  |
|   | Ni      | 60   |                   |                    |                  |                 |                  |
|   | Cu      | 63   |                   |                    |                  |                 |                  |
|   | Cu      | 65   |                   |                    |                  |                 |                  |
|   | Zn      | 66   |                   |                    |                  |                 |                  |
|   | Zn      | 67   |                   |                    |                  |                 |                  |
|   | Zn      | 68   |                   |                    |                  |                 |                  |
| > | Ge      | 72   |                   | 88.404             |                  |                 |                  |
|   | As      | 75   |                   |                    |                  |                 |                  |
|   | Se      | 77   |                   |                    |                  |                 |                  |
|   | Se      | 82   |                   |                    |                  |                 |                  |
|   | As-1    | 75   |                   |                    |                  |                 |                  |
|   | Kr      | 83   |                   |                    |                  |                 |                  |
|   | Ag      | 107  |                   |                    |                  |                 |                  |
|   | Cd      | 111  |                   |                    |                  |                 |                  |
|   | Cd      | 114  |                   |                    |                  |                 |                  |
| > | In      | 115  |                   | 91.696             |                  |                 |                  |
|   | Sb      | 121  |                   |                    |                  |                 |                  |
|   | Sb      | 123  |                   |                    |                  |                 |                  |
|   | Ba      | 135  |                   |                    |                  |                 |                  |
|   | Ba      | 137  |                   |                    |                  |                 |                  |
|   | Ho      | 165  |                   |                    |                  |                 |                  |
| > | Tb      | 159  |                   | 93.242             |                  |                 |                  |
|   | Hg      | 201  |                   |                    |                  |                 |                  |
|   | Hg      | 202  |                   |                    |                  |                 |                  |
|   | Tl      | 205  |                   |                    |                  |                 |                  |
|   | Pb      | 208  |                   |                    |                  |                 |                  |

### Calibration

| Analyte | Mass | Curve Type       | Correlation Coefficient |
|---------|------|------------------|-------------------------|
| Be      | 9    | Linear Thru Zero | 1.000000                |
| > Li    | 6    | Linear Thru Zero |                         |
| > Sc-1  | 45   | Linear Thru Zero |                         |
| Cr      | 52   | Linear Thru Zero | 0.999991                |
| Cr      | 53   | Linear Thru Zero | 0.999972                |
| Mn      | 55   | Linear Thru Zero | 0.999999                |
| Co      | 59   | Linear Thru Zero | 0.999993                |
| Ni      | 60   | Linear Thru Zero | 0.999997                |
| Cu      | 63   | Linear Thru Zero | 1.000000                |
| Cu      | 65   | Linear Thru Zero | 1.000000                |
| Zn      | 66   | Linear Thru Zero | 0.999947                |
| Zn      | 67   | Linear Thru Zero | 0.999952                |
| Zn      | 68   | Linear Thru Zero | 0.999963                |
| > Ge    | 72   | Linear Thru Zero |                         |
| As      | 75   | Linear Thru Zero | 0.999996                |

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|      |                     |          |
|------|---------------------|----------|
| Se   | 77Linear Thru Zero  | 1.000000 |
| Se   | 82Linear Thru Zero  | 0.999962 |
| As-1 | 75Linear Thru Zero  | 0.999982 |
| Kr   | 83Linear Thru Zero  |          |
| Ag   | 107Linear Thru Zero | 0.999975 |
| Cd   | 111Linear Thru Zero | 0.999999 |
| Cd   | 114Linear Thru Zero | 0.999997 |
| > In | 115Linear Thru Zero |          |
| Sb   | 121Linear Thru Zero | 0.999904 |
| Sb   | 123Linear Thru Zero | 0.999796 |
| Ba   | 135Linear Thru Zero | 1.000000 |
| Ba   | 137Linear Thru Zero | 0.999997 |
| Ho   | 165Linear Thru Zero |          |
| > Tb | 159Linear Thru Zero |          |
| Hg   | 201Linear Thru Zero | 0.999919 |
| Hg   | 202Linear Thru Zero | 0.999956 |
| Tl   | 205Linear Thru Zero | 0.999998 |
| Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: AE12168

Report Date/Time: Thursday, May 30, 2002 15:30:09

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# WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH

## Method 200.8 - Summary Report

### Sample ID: CCV CAL BK

Sample Date/Time: Thursday, May 30, 2002 15:31:34

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\CCV CAL BK.446

Aliquot Volume (mL):

Diluted To Volume (mL):

### Concentration Results

|    | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|----|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [  | Be      | 9    | 7.333              | 56.773            | 0.000            | 0.00494    | 198.17    | ug/L        |
| [> | Li      | 6    | 62724.625          | 1.161             | 62724.625        |            |           | ug/L        |
| [> | Sc-1    | 45   | 429153.052         | 0.680             | 429153.052       |            |           | ug/L        |
|    | Cr      | 52   | 6224.192           | 0.767             | -0.002           | -0.09360   | 4.71      | ug/L        |
|    | Cr      | 53   | 723.036            | 2.838             | 0.001            | 0.28931    | 7.99      | ug/L        |
|    | Mn      | 55   | 1313.441           | 4.007             | 0.000            | 0.00956    | 37.24     | ug/L        |
|    | Co      | 59   | 81.668             | 14.350            | -0.000           | -0.00431   | 26.59     | ug/L        |
|    | Ni      | 60   | 63.668             | 8.060             | 0.000            | 0.00333    | 77.60     | ug/L        |
|    | Cu      | 63   | 433.681            | 7.315             | 0.000            | 0.01969    | 35.19     | ug/L        |
|    | Cu      | 65   | 145.336            | 4.204             | 0.000            | 0.00137    | 229.18    | ug/L        |
| [  | Zn      | 66   | 720.702            | 1.312             | -0.001           | -0.03304   | 33.47     | ug/L        |
|    | Zn      | 67   | 168.337            | 1.495             | 0.000            | 0.10422    | 16.43     | ug/L        |
|    | Zn      | 68   | 546.022            | 1.565             | -0.000           | -0.01645   | 79.43     | ug/L        |
| [> | Ge      | 72   | 85311.306          | 1.154             | 85311.306        |            |           | ug/L        |
|    | As      | 75   | 191.219            | 7.434             | 0.001            | 0.02662    | 34.59     | ug/L        |
|    | Se      | 77   | 121.889            | 5.484             | 0.000            | 0.03844    | 114.15    | ug/L        |
|    | Se      | 82   | 10.148             | 101.225           | 0.000            | 0.01361    | 403.10    | ug/L        |
| [  | As-1    | 75   | 146.669            | 7.162             | 50.001           | 0.02672    | 21.01     | ug/L        |
|    | Kr      | 83   | 136.336            | 5.883             | -16.000          |            |           | ug/L        |
| [  | Ag      | 107  | 162.003            | 11.128            | -0.001           | -0.07389   | 2.70      | ug/L        |
|    | Cd      | 111  | 27.334             | 24.360            | 0.000            | 0.00058    | 490.34    | ug/L        |
|    | Cd      | 114  | 62.779             | 25.063            | 0.000            | 0.00086    | 339.71    | ug/L        |
| [> | In      | 115  | 1126663.138        | 0.579             | 1126663.138      |            |           | ug/L        |
|    | Sb      | 121  | 53.334             | 7.099             | 0.000            | 0.00211    | 26.15     | ug/L        |
|    | Sb      | 123  | 54.656             | 9.259             | 0.000            | 0.00417    | 19.96     | ug/L        |
| [  | Ba      | 135  | 34.667             | 33.433            | 0.000            | 0.00103    | 501.40    | ug/L        |
|    | Ba      | 137  | 61.667             | 22.952            | 0.000            | 0.00360    | 100.16    | ug/L        |
|    | Ho      | 165  | 1674175.067        | 0.606             | 0.008            |            |           | ug/L        |
| [> | Tb      | 159  | 1659445.362        | 0.621             | 1659445.362      |            |           | ug/L        |
|    | Hg      | 201  | 31.000             | 14.783            | -0.000           | -0.00897   | 44.41     | ug/L        |
|    | Hg      | 202  | 62.334             | 9.802             | -0.000           | -0.00569   | 40.96     | ug/L        |
|    | Tl      | 205  | 698.367            | 8.449             | 0.000            | 0.00276    | 89.58     | ug/L        |
|    | Pb      | 208  | 2381.480           | 6.079             | -0.001           | -0.03071   | 14.86     | ug/L        |

Sample ID: CCV CAL BK

Report Date/Time: Thursday, May 30, 2002 15:33:49

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**QC Calculated Values**

|   | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|---|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [ | Be      | 9    |                   |                    |                  |                 |                  |
| > | Li      | 6    |                   | 87.560             |                  |                 |                  |
| > | Sc-1    | 45   |                   | 87.559             |                  |                 |                  |
|   | Cr      | 52   |                   |                    |                  |                 |                  |
|   | Cr      | 53   |                   |                    |                  |                 |                  |
|   | Mn      | 55   |                   |                    |                  |                 |                  |
|   | Co      | 59   |                   |                    |                  |                 |                  |
|   | Ni      | 60   |                   |                    |                  |                 |                  |
|   | Cu      | 63   |                   |                    |                  |                 |                  |
|   | Cu      | 65   |                   |                    |                  |                 |                  |
|   | Zn      | 66   |                   |                    |                  |                 |                  |
|   | Zn      | 67   |                   |                    |                  |                 |                  |
|   | Zn      | 68   |                   |                    |                  |                 |                  |
| > | Ge      | 72   |                   | 87.994             |                  |                 |                  |
|   | As      | 75   |                   |                    |                  |                 |                  |
|   | Se      | 77   |                   |                    |                  |                 |                  |
|   | Se      | 82   |                   |                    |                  |                 |                  |
|   | As-1    | 75   |                   |                    |                  |                 |                  |
|   | Kr      | 83   |                   |                    |                  |                 |                  |
|   | Ag      | 107  |                   |                    |                  |                 |                  |
|   | Cd      | 111  |                   |                    |                  |                 |                  |
|   | Cd      | 114  |                   |                    |                  |                 |                  |
| > | In      | 115  |                   | 90.605             |                  |                 |                  |
|   | Sb      | 121  |                   |                    |                  |                 |                  |
|   | Sb      | 123  |                   |                    |                  |                 |                  |
|   | Ba      | 135  |                   |                    |                  |                 |                  |
|   | Ba      | 137  |                   |                    |                  |                 |                  |
|   | Ho      | 165  |                   |                    |                  |                 |                  |
| > | Tb      | 159  |                   | 93.312             |                  |                 |                  |
|   | Hg      | 201  |                   |                    |                  |                 |                  |
|   | Hg      | 202  |                   |                    |                  |                 |                  |
|   | Tl      | 205  |                   |                    |                  |                 |                  |
|   | Pb      | 208  |                   |                    |                  |                 |                  |

**Calibration**

|   | Analyte | Mass | Curve Type       | Correlation Coefficient |
|---|---------|------|------------------|-------------------------|
|   | Be      | 9    | Linear Thru Zero | 1.000000                |
| > | Li      | 6    | Linear Thru Zero |                         |
| > | Sc-1    | 45   | Linear Thru Zero |                         |
|   | Cr      | 52   | Linear Thru Zero | 0.999991                |
|   | Cr      | 53   | Linear Thru Zero | 0.999972                |
|   | Mn      | 55   | Linear Thru Zero | 0.999999                |
|   | Co      | 59   | Linear Thru Zero | 0.999993                |
|   | Ni      | 60   | Linear Thru Zero | 0.999997                |
|   | Cu      | 63   | Linear Thru Zero | 1.000000                |
|   | Cu      | 65   | Linear Thru Zero | 1.000000                |
|   | Zn      | 66   | Linear Thru Zero | 0.999947                |
|   | Zn      | 67   | Linear Thru Zero | 0.999952                |
|   | Zn      | 68   | Linear Thru Zero | 0.999963                |
| > | Ge      | 72   | Linear Thru Zero |                         |
|   | As      | 75   | Linear Thru Zero | 0.999996                |

Sample ID: CCV CAL BK

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|      |                     |          |
|------|---------------------|----------|
| Se   | 77Linear Thru Zero  | 1.000000 |
| Se   | 82Linear Thru Zero  | 0.999962 |
| As-1 | 75Linear Thru Zero  | 0.999982 |
| Kr   | 83Linear Thru Zero  |          |
| Ag   | 107Linear Thru Zero | 0.999975 |
| Cd   | 111Linear Thru Zero | 0.999999 |
| Cd   | 114Linear Thru Zero | 0.999997 |
| > In | 115Linear Thru Zero |          |
| Sb   | 121Linear Thru Zero | 0.999904 |
| Sb   | 123Linear Thru Zero | 0.999796 |
| Ba   | 135Linear Thru Zero | 1.000000 |
| Ba   | 137Linear Thru Zero | 0.999997 |
| Ho   | 165Linear Thru Zero |          |
| > Tb | 159Linear Thru Zero |          |
| Hg   | 201Linear Thru Zero | 0.999919 |
| Hg   | 202Linear Thru Zero | 0.999956 |
| Tl   | 205Linear Thru Zero | 0.999998 |
| Pb   | 208Linear Thru Zero | 0.999995 |

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**WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH****Method 200.8 - Summary Report****Sample ID: CCV STD1 30+2 PPB**

Sample Date/Time: Thursday, May 30, 2002 15:34:41

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\CCV STD1 30+2 PPB.447

Aliquot Volume (mL):

Diluted To Volume (mL):

**Concentration Results**

|   | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|---|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [ | Be      | 9    | 12276.073          | 0.602             | 0.194            | 29.20221   | 2.06      | ug/L        |
| > | Li      | 6    | 63291.236          | 1.883             | 63291.236        |            |           | ug/L        |
| > | Sc-1    | 45   | 426375.674         | 0.886             | 426375.674       |            |           | ug/L        |
|   | Cr      | 52   | 267830.448         | 0.606             | 0.612            | 30.08239   | 1.23      | ug/L        |
|   | Cr      | 53   | 31765.731          | 1.844             | 0.074            | 30.02798   | 1.37      | ug/L        |
|   | Mn      | 55   | 437058.089         | 1.025             | 1.022            | 29.68356   | 1.33      | ug/L        |
|   | Co      | 59   | 309113.086         | 1.342             | 0.725            | 29.80112   | 2.07      | ug/L        |
|   | Ni      | 60   | 62613.858          | 0.958             | 0.147            | 29.63753   | 1.17      | ug/L        |
|   | Cu      | 63   | 132665.994         | 0.343             | 0.310            | 29.87170   | 0.86      | ug/L        |
| [ | Cu      | 65   | 63794.704          | 0.964             | 0.149            | 30.01923   | 0.87      | ug/L        |
| [ | Zn      | 66   | 44584.180          | 1.139             | 0.520            | 30.14766   | 0.54      | ug/L        |
|   | Zn      | 67   | 7796.754           | 1.517             | 0.091            | 30.24765   | 2.84      | ug/L        |
|   | Zn      | 68   | 33115.204          | 0.816             | 0.386            | 30.20724   | 1.65      | ug/L        |
| > | Ge      | 72   | 84328.891          | 1.595             | 84328.891        |            |           | ug/L        |
|   | As      | 75   | 51785.773          | 1.393             | 0.612            | 29.90175   | 0.66      | ug/L        |
|   | Se      | 77   | 4911.140           | 1.403             | 0.057            | 30.27713   | 1.64      | ug/L        |
| [ | Se      | 82   | 5682.063           | 1.892             | 0.067            | 30.11757   | 1.24      | ug/L        |
|   | As-1    | 75   | 49670.836          | 1.296             | 49574.168        | 26.49192   | 1.30      | ug/L        |
|   | Kr      | 83   | 136.669            | 0.845             | -15.667          |            |           | ug/L        |
| [ | Ag      | 107  | 268122.652         | 0.891             | 0.241            | 28.98921   | 0.54      | ug/L        |
|   | Cd      | 111  | 69545.023          | 0.333             | 0.063            | 29.83168   | 1.45      | ug/L        |
|   | Cd      | 114  | 163169.469         | 1.554             | 0.147            | 30.08977   | 1.02      | ug/L        |
| > | In      | 115  | 1108124.056        | 1.251             | 1108124.056      |            |           | ug/L        |
|   | Sb      | 121  | 215906.968         | 0.565             | 0.195            | 29.65329   | 1.27      | ug/L        |
| [ | Sb      | 123  | 164621.213         | 1.087             | 0.149            | 29.44667   | 2.29      | ug/L        |
| [ | Ba      | 135  | 63756.099          | 0.900             | 0.039            | 29.27206   | 0.67      | ug/L        |
|   | Ba      | 137  | 111434.322         | 1.281             | 0.069            | 29.15012   | 0.76      | ug/L        |
|   | Ho      | 165  | 1651936.814        | 2.422             | 0.017            |            |           | ug/L        |
| > | Tb      | 159  | 1622805.079        | 0.563             | 1622805.079      |            |           | ug/L        |
|   | Hg      | 201  | 2253.635           | 3.943             | 0.001            | 2.01566    | 3.47      | ug/L        |
|   | Hg      | 202  | 5099.815           | 1.434             | 0.003            | 2.01570    | 0.89      | ug/L        |
|   | Tl      | 205  | 757205.295         | 1.345             | 0.466            | 30.47451   | 0.78      | ug/L        |
| [ | Pb      | 208  | 1031619.264        | 1.053             | 0.634            | 30.43777   | 0.81      | ug/L        |

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### QC Calculated Values

|    | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|----|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [  | Be      | 9    |                   |                    |                  |                 |                  |
| [> | Li      | 6    |                   | 88.351             |                  |                 |                  |
| [> | Sc-1    | 45   |                   | 86.992             |                  |                 |                  |
|    | Cr      | 52   |                   |                    |                  |                 |                  |
|    | Cr      | 53   |                   |                    |                  |                 |                  |
|    | Mn      | 55   |                   |                    |                  |                 |                  |
|    | Co      | 59   |                   |                    |                  |                 |                  |
|    | Ni      | 60   |                   |                    |                  |                 |                  |
|    | Cu      | 63   |                   |                    |                  |                 |                  |
| [  | Cu      | 65   |                   |                    |                  |                 |                  |
| [  | Zn      | 66   |                   |                    |                  |                 |                  |
|    | Zn      | 67   |                   |                    |                  |                 |                  |
|    | Zn      | 68   |                   |                    |                  |                 |                  |
| [> | Ge      | 72   |                   | 86.981             |                  |                 |                  |
|    | As      | 75   |                   |                    |                  |                 |                  |
|    | Se      | 77   |                   |                    |                  |                 |                  |
| [  | Se      | 82   |                   |                    |                  |                 |                  |
|    | As-1    | 75   |                   |                    |                  |                 |                  |
|    | Kr      | 83   |                   |                    |                  |                 |                  |
| [  | Ag      | 107  |                   |                    |                  |                 |                  |
|    | Cd      | 111  |                   |                    |                  |                 |                  |
|    | Cd      | 114  |                   |                    |                  |                 |                  |
| [> | In      | 115  |                   | 89.114             |                  |                 |                  |
|    | Sb      | 121  |                   |                    |                  |                 |                  |
| [  | Sb      | 123  |                   |                    |                  |                 |                  |
| [  | Ba      | 135  |                   |                    |                  |                 |                  |
|    | Ba      | 137  |                   |                    |                  |                 |                  |
|    | Ho      | 165  |                   |                    |                  |                 |                  |
| [> | Tb      | 159  |                   | 91.252             |                  |                 |                  |
|    | Hg      | 201  |                   |                    |                  |                 |                  |
|    | Hg      | 202  |                   |                    |                  |                 |                  |
|    | Tl      | 205  |                   |                    |                  |                 |                  |
| [  | Pb      | 208  |                   |                    |                  |                 |                  |

### Calibration

|   | Analyte | Mass | Curve Type       | Correlation Coefficient |
|---|---------|------|------------------|-------------------------|
|   | Be      | 9    | Linear Thru Zero | 1.000000                |
| > | Li      | 6    | Linear Thru Zero |                         |
| > | Sc-1    | 45   | Linear Thru Zero |                         |
|   | Cr      | 52   | Linear Thru Zero | 0.999991                |
|   | Cr      | 53   | Linear Thru Zero | 0.999972                |
|   | Mn      | 55   | Linear Thru Zero | 0.999999                |
|   | Co      | 59   | Linear Thru Zero | 0.999993                |
|   | Ni      | 60   | Linear Thru Zero | 0.999997                |
|   | Cu      | 63   | Linear Thru Zero | 1.000000                |
|   | Cu      | 65   | Linear Thru Zero | 1.000000                |
|   | Zn      | 66   | Linear Thru Zero | 0.999947                |
|   | Zn      | 67   | Linear Thru Zero | 0.999952                |
|   | Zn      | 68   | Linear Thru Zero | 0.999963                |
| > | Ge      | 72   | Linear Thru Zero |                         |
|   | As      | 75   | Linear Thru Zero | 0.999996                |

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|      |                     |          |
|------|---------------------|----------|
| Se   | 77Linear Thru Zero  | 1.000000 |
| Se   | 82Linear Thru Zero  | 0.999962 |
| As-1 | 75Linear Thru Zero  | 0.999982 |
| Kr   | 83Linear Thru Zero  |          |
| Ag   | 107Linear Thru Zero | 0.999975 |
| Cd   | 111Linear Thru Zero | 0.999999 |
| Cd   | 114Linear Thru Zero | 0.999997 |
| > In | 115Linear Thru Zero |          |
| Sb   | 121Linear Thru Zero | 0.999904 |
| Sb   | 123Linear Thru Zero | 0.999796 |
| Ba   | 135Linear Thru Zero | 1.000000 |
| Ba   | 137Linear Thru Zero | 0.999997 |
| Ho   | 165Linear Thru Zero |          |
| > Tb | 159Linear Thru Zero |          |
| Hg   | 201Linear Thru Zero | 0.999919 |
| Hg   | 202Linear Thru Zero | 0.999956 |
| Tl   | 205Linear Thru Zero | 0.999998 |
| Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: CCV STD1 30+2 PPB

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# WESTCHESTER COUNTY DEPT OF LABS AND RESEARCH

## Method 200.8 - Summary Report

**Sample ID: CCV STD2 60+5 PPB**

Sample Date/Time: Thursday, May 30, 2002 15:37:39

Sample Type: Sample

Sample Description:

Number of Replicates: 3

Method File: c:\winnt\profiles\lrd1\elandata\Method\\_NEWN.mth

Dataset File: c:\winnt\profiles\lrd1\elandata\Dataset\new york city\CCV STD2 60+5 PPB.448

Aliquot Volume (mL):

Diluted To Volume (mL):

### Concentration Results

|    | Analyte | Mass | Meas. Intens. Mean | Meas. Intens. RSD | Net Intens. Mean | Conc. Mean | Conc. RSD | Sample Unit |
|----|---------|------|--------------------|-------------------|------------------|------------|-----------|-------------|
| [  | Be      | 9    | 24368.527          | 0.175             | 0.394            | 59.37288   | 0.43      | ug/L        |
| [> | Li      | 6    | 61792.246          | 0.428             | 61792.246        |            |           | ug/L        |
| [> | Sc-1    | 45   | 417981.127         | 1.075             | 417981.127       |            |           | ug/L        |
|    | Cr      | 52   | 519507.290         | 1.096             | 1.226            | 60.30848   | 0.50      | ug/L        |
|    | Cr      | 53   | 62418.528          | 1.249             | 0.148            | 60.59499   | 1.54      | ug/L        |
|    | Mn      | 55   | 870315.150         | 2.024             | 2.079            | 60.37082   | 0.96      | ug/L        |
|    | Co      | 59   | 601746.505         | 0.696             | 1.439            | 59.18638   | 0.67      | ug/L        |
|    | Ni      | 60   | 122308.178         | 0.780             | 0.292            | 59.08215   | 0.80      | ug/L        |
|    | Cu      | 63   | 256188.157         | 0.168             | 0.612            | 58.92031   | 1.15      | ug/L        |
| [  | Cu      | 65   | 122305.175         | 1.143             | 0.292            | 58.77220   | 1.05      | ug/L        |
| [  | Zn      | 66   | 84669.306          | 0.290             | 1.007            | 58.41548   | 0.51      | ug/L        |
|    | Zn      | 67   | 14841.589          | 1.508             | 0.176            | 58.76402   | 1.91      | ug/L        |
|    | Zn      | 68   | 63116.312          | 0.627             | 0.751            | 58.73377   | 1.16      | ug/L        |
| [> | Ge      | 72   | 83335.727          | 0.530             | 83335.727        |            |           | ug/L        |
|    | As      | 75   | 101886.464         | 0.115             | 1.221            | 59.61300   | 0.63      | ug/L        |
|    | Se      | 77   | 9618.607           | 1.055             | 0.114            | 60.70686   | 0.61      | ug/L        |
| [  | Se      | 82   | 11246.709          | 0.904             | 0.135            | 60.36393   | 1.16      | ug/L        |
|    | As-1    | 75   | 97826.195          | 0.834             | 97729.527        | 52.22564   | 0.83      | ug/L        |
|    | Kr      | 83   | 137.336            | 7.988             | -15.000          |            |           | ug/L        |
| [  | Ag      | 107  | 529896.575         | 0.562             | 0.485            | 58.31891   | 0.16      | ug/L        |
|    | Cd      | 111  | 137215.167         | 0.562             | 0.126            | 59.82745   | 0.95      | ug/L        |
|    | Cd      | 114  | 318506.285         | 1.508             | 0.292            | 59.71063   | 2.10      | ug/L        |
| [> | In      | 115  | 1090296.839        | 0.646             | 1090296.839      |            |           | ug/L        |
|    | Sb      | 121  | 439353.684         | 0.473             | 0.403            | 61.33002   | 0.80      | ug/L        |
| [  | Sb      | 123  | 336010.115         | 0.422             | 0.308            | 61.08295   | 0.84      | ug/L        |
| [  | Ba      | 135  | 125500.016         | 1.398             | 0.078            | 58.15246   | 0.95      | ug/L        |
|    | Ba      | 137  | 218577.368         | 0.654             | 0.136            | 57.70622   | 0.30      | ug/L        |
|    | Ho      | 165  | 1619776.459        | 0.876             | 0.007            |            |           | ug/L        |
| [> | Tb      | 159  | 1608307.147        | 0.457             | 1608307.147      |            |           | ug/L        |
|    | Hg      | 201  | 5564.092           | 1.873             | 0.003            | 5.07689    | 2.34      | ug/L        |
|    | Hg      | 202  | 12365.528          | 0.290             | 0.008            | 4.97537    | 0.54      | ug/L        |
|    | Tl      | 205  | 1485876.605        | 0.591             | 0.924            | 60.36636   | 0.66      | ug/L        |
| [  | Pb      | 208  | 2032856.759        | 0.158             | 1.262            | 60.61915   | 0.32      | ug/L        |

Sample ID: CCV STD2 60+5 PPB

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### QC Calculated Values

|    | Analyte | Mass | QC Std % Recovery | Int Std % Recovery | Spike % Recovery | Dilution % Diff | Dup. Rel. % Diff |
|----|---------|------|-------------------|--------------------|------------------|-----------------|------------------|
| [  | Be      | 9    |                   |                    |                  |                 |                  |
| [> | Li      | 6    |                   | 86.258             |                  |                 |                  |
| [> | Sc-1    | 45   |                   | 85.279             |                  |                 |                  |
|    | Cr      | 52   |                   |                    |                  |                 |                  |
|    | Cr      | 53   |                   |                    |                  |                 |                  |
|    | Mn      | 55   |                   |                    |                  |                 |                  |
|    | Co      | 59   |                   |                    |                  |                 |                  |
|    | Ni      | 60   |                   |                    |                  |                 |                  |
|    | Cu      | 63   |                   |                    |                  |                 |                  |
|    | Cu      | 65   |                   |                    |                  |                 |                  |
| [  | Zn      | 66   |                   |                    |                  |                 |                  |
|    | Zn      | 67   |                   |                    |                  |                 |                  |
|    | Zn      | 68   |                   |                    |                  |                 |                  |
| >  | Ge      | 72   |                   | 85.956             |                  |                 |                  |
|    | As      | 75   |                   |                    |                  |                 |                  |
|    | Se      | 77   |                   |                    |                  |                 |                  |
|    | Se      | 82   |                   |                    |                  |                 |                  |
|    | As-1    | 75   |                   |                    |                  |                 |                  |
|    | Kr      | 83   |                   |                    |                  |                 |                  |
| [  | Ag      | 107  |                   |                    |                  |                 |                  |
|    | Cd      | 111  |                   |                    |                  |                 |                  |
|    | Cd      | 114  |                   |                    |                  |                 |                  |
| >  | In      | 115  |                   | 87.680             |                  |                 |                  |
|    | Sb      | 121  |                   |                    |                  |                 |                  |
|    | Sb      | 123  |                   |                    |                  |                 |                  |
| [  | Ba      | 135  |                   |                    |                  |                 |                  |
|    | Ba      | 137  |                   |                    |                  |                 |                  |
|    | Ho      | 165  |                   |                    |                  |                 |                  |
| >  | Tb      | 159  |                   | 90.436             |                  |                 |                  |
|    | Hg      | 201  |                   |                    |                  |                 |                  |
|    | Hg      | 202  |                   |                    |                  |                 |                  |
|    | Tl      | 205  |                   |                    |                  |                 |                  |
|    | Pb      | 208  |                   |                    |                  |                 |                  |

### Calibration

|   | Analyte | Mass | Curve Type       | Correlation Coefficient |
|---|---------|------|------------------|-------------------------|
|   | Be      | 9    | Linear Thru Zero | 1.000000                |
| > | Li      | 6    | Linear Thru Zero |                         |
| > | Sc-1    | 45   | Linear Thru Zero |                         |
|   | Cr      | 52   | Linear Thru Zero | 0.999991                |
|   | Cr      | 53   | Linear Thru Zero | 0.999972                |
|   | Mn      | 55   | Linear Thru Zero | 0.999999                |
|   | Co      | 59   | Linear Thru Zero | 0.999993                |
|   | Ni      | 60   | Linear Thru Zero | 0.999997                |
|   | Cu      | 63   | Linear Thru Zero | 1.000000                |
|   | Cu      | 65   | Linear Thru Zero | 1.000000                |
|   | Zn      | 66   | Linear Thru Zero | 0.999947                |
|   | Zn      | 67   | Linear Thru Zero | 0.999952                |
|   | Zn      | 68   | Linear Thru Zero | 0.999963                |
| > | Ge      | 72   | Linear Thru Zero |                         |
|   | As      | 75   | Linear Thru Zero | 0.999996                |

Sample ID: CCV STD2 60+5 PPB

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|   |      |                     |          |
|---|------|---------------------|----------|
|   | Se   | 77Linear Thru Zero  | 1.000000 |
|   | Se   | 82Linear Thru Zero  | 0.999962 |
|   | As-1 | 75Linear Thru Zero  | 0.999982 |
|   | Kr   | 83Linear Thru Zero  |          |
|   | Ag   | 107Linear Thru Zero | 0.999975 |
|   | Cd   | 111Linear Thru Zero | 0.999999 |
|   | Cd   | 114Linear Thru Zero | 0.999997 |
| > | In   | 115Linear Thru Zero |          |
|   | Sb   | 121Linear Thru Zero | 0.999904 |
|   | Sb   | 123Linear Thru Zero | 0.999796 |
|   | Ba   | 135Linear Thru Zero | 1.000000 |
|   | Ba   | 137Linear Thru Zero | 0.999997 |
|   | Ho   | 165Linear Thru Zero |          |
| > | Tb   | 159Linear Thru Zero |          |
|   | Hg   | 201Linear Thru Zero | 0.999919 |
|   | Hg   | 202Linear Thru Zero | 0.999956 |
|   | Tl   | 205Linear Thru Zero | 0.999998 |
|   | Pb   | 208Linear Thru Zero | 0.999995 |

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Sample ID: CCV STD2 60+5 PPB

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