

**BROOKHAVEN**  
NATIONAL LABORATORY

Managed by Brookhaven Science Associates  
for the U.S. Department of Energy

October 10, 2006

Ms. Kathleen Newcomer  
Suffolk County Department of Health Services  
Office of Water Resources  
Bureau of Drinking Water  
Suite 1C  
360 Yaphank Avenue  
Yaphank, New York 11980

Dear Ms. Kathleen Newcomer:

**Subject: Monthly Water Treatment Plant Reports**  
**Reference: Suffolk County Minimum Monitoring Requirements for September 2006**

In accordance with the requirements of the BNL Potable Water System Sampling Plan and the 2006 SCDHS Minimum Monitoring Requirements for the BNL Potable Water Supply, included please find the following attachments for your records:

- Attachment I: BNL Potable Water Monthly Operational Data for September.
- Attachment II: September 2006 Biweekly and Third Quarter Water Quality Monitoring Data for the BNL Distribution System and Potable Water Wells.
- Attachment III: September 2006 Stage 1 Disinfectants & Disinfection Byproduct Rule Monitoring Data and Bacteriological Analyses for the BNL Distribution System.
- Attachment IV: Summary of 2006 Annual First Draw Lead and Copper Analyses and Supporting Documentation.

Collection and analysis of these samples is performed in accordance with the guidelines of the BNL Quality Assurance program, the SCDHS Community Water Supply Monitoring Requirements, and the BNL Potable Water System Sampling Plan. Plant Engineering Division personnel using standard operating procedures collect routine monitoring samples; a contractor laboratory using standard methods of analysis performs the subsequent analyses. The Quality Assurance documentation is available from the Environmental and Waste Management Services Division and Plant Engineering Divisions. Based on this information, we believe the values contained in these reports are representative of the BNL potable water system.



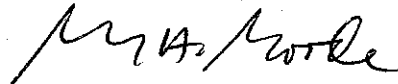
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is accredited by the American  
National Standards Institute -  
Registrar Accreditation Board

Should there be any questions regarding this report or the analytical or operational data contained herein, please call either J. Higbie at (631) 344-5919, R. Lee at (631) 344-3148, or W. Chaloupka at (631) 344-7136.

Sincerely,



George A. Goode  
Environmental & Waste Management Services  
Division Manager

GAG/JB:car

Attachments: As noted

|     |                          |                 |
|-----|--------------------------|-----------------|
| cc: | L. Ambroszkiewicz, SCDHS | w/attachments   |
|     | W. Chaloupka             | w/attachments   |
|     | J. Granzen               | w/attachments   |
|     | G. Goode                 | w/o attachments |
|     | J. Higbie                | w/attachments   |
|     | R. Lee                   | w/attachments   |
|     | E. Murphy                | w/attachments   |
|     | P. Ponturo, SCDHS        | w/o attachments |
|     | L. Ross                  | w/o attachments |
|     | J. Tarpinian             | w/o attachments |

File: EC61ER.06

**ATTACHMENT I**

**Brookhaven National Laboratory**

**Potable Water Supply**

**Monthly Operational Data for September 2006**

**for the BNL Potable Water System**

| Public Water System Name       |                               | Reporting Month/Year                     |                                   | Date Report Submitted        |   |  | Source Water Type(s)  |                             |                         |                 |
|--------------------------------|-------------------------------|--|-----------------------------------|------------------------------|---|--|---|-----------------------------|-------------------------|-----------------|
| Brookhaven National Laboratory |                               | 9/2006                                   |                                   | 9/30/2006                    |   |  | <input type="checkbox"/> Surface <input checked="" type="checkbox"/> Ground <input type="checkbox"/> GWUDI<br><input type="checkbox"/> Purchase with subsequent chlorination<br><input type="checkbox"/> Purchase w/out subsequent chlorination |                             |                         |                 |
| Public Water System ID         |                               | County                                   |                                   | Town, Village, or City       |   |  |   |                             |                         |                 |
| 5111891                        |                               | Suffolk                                  |                                   | Upton, New York 11973        |   |  |   |                             |                         |                 |
| DATE                           | Source(s) in Use Well(s) No.: | Treated water volume (1,000 gallons/day) | Chlorination                      |                              |   |  | Other Treatments / Readings   |                             |                         |                 |
|                                |                               |  | Gaseous<br>Cylinder weight (lbs.) | Chlorine used per day (lbs.) | Liquid<br>Hypochlorite (gallons Hypochlorite in Tank) | Free chlorine residual at entry point (mg/l) (WTF-624) | Hypochlorite used/day (WTF - 624)   | pH Lime Softening (WTF-624) | pH (Incoming RAW Water) | Daily Totalizer |
|                                |                               |  |                                   |                              | 160   |  |   |                             |                         | 482,795         |
| 1                              | 6+7                           | 775                                      | NA                                | NA                           | 148   | 0.57   | 15  | 7.1                         | 5.8                     | 483,570         |
| 2                              | 6+7                           | 945                                      | NA                                | NA                           | 135   | 1.02   | 13  | 7.2                         | 6.0                     | 484,515         |
| 3                              |                               | -  |                                   |                              |   |  |   |                             |                         |                 |
| 4                              |                               | -  |                                   |                              |   |  |   |                             |                         |                 |
| 5                              | 6+7                           | 2,789                                    | NA                                | NA                           | 100   | 0.50   | 35  | 7.2                         | 5.8                     | 487,304         |
| 6                              | 6+7                           | 982                                      | NA                                | NA                           | 90  | 0.88   | 10  | 7.1                         | 5.8                     | 488,286         |
| 7                              | 6+7                           | 978                                      | NA                                | NA                           | 80  | 0.60   | 10  | 7.2                         | 5.9                     | 489,264         |
| 8                              | 6+7                           | 999                                      | NA                                | NA                           | 65  | 0.60   | 15  | 7.1                         | 5.9                     | 490,263         |
| 9                              |                               | -  |                                   |                              |   |  |   |                             |                         |                 |
| 10                             |                               | -  |                                   |                              |   |  |   |                             |                         |                 |
| 11                             | 6+7                           | 2,238                                    | NA                                | NA                           | 36+164  | 0.82   | 29  | 7.3                         | 6.0                     | 492,501         |
| 12                             | 6+7                           | 365                                      | NA                                | NA                           | 190   | 1.00   | 10  | 7.3                         | 6.1                     | 492,866         |
| 13                             | 6+7                           | 74                                       | NA                                | NA                           | 187   | 1.00   | 3   | 7.3                         | 6.0                     | 492,940         |
| 14                             | 7+4                           | 34                                       | NA                                | NA                           | 185   | 0.65   | 2   | 7.3                         | 5.9                     | 492,974         |
| 15                             | 7+4                           | 1,037                                    | NA                                | NA                           | 179   | 0.67   | 6   | 7.4                         | 5.9                     | 494,011         |
| 16                             |                               | -  |                                   |                              |   |  |   |                             |                         |                 |
| 17                             |                               | -  |                                   |                              |   |  |   |                             |                         |                 |
| 18                             | 7+4                           | 2,728                                    | NA                                | NA                           | 155   | 0.73   | 24  | 7.1                         | 5.6                     | 496,739         |
| 19                             | 7+4                           | 994                                      | NA                                | NA                           | 145   | 0.90   | 10  | 7.2                         | 5.7                     | 497,733         |
| 20                             | 7+4                           | 971                                      | NA                                | NA                           | 135   | 0.70   | 10  | 7.2                         | 6.0                     | 498,704         |
| 21                             | 7+4                           | 817                                      | NA                                | NA                           | 129   | 0.68   | 6   | 7.5                         | 6.0                     | 499,521         |
| 22                             | 7+4                           | 800                                      | NA                                | NA                           | 120   | 1.01   | 9   | 7.3                         | 6.0                     | 500,321         |
| 23                             |                               | -  |                                   |                              |   |  |   |                             |                         |                 |
| 24                             |                               | -  |                                   |                              |   |  |   |                             |                         |                 |
| 25                             | 7+4                           | 2,624                                    | NA                                | NA                           | 95  | 1.10   | 25  | 7.4                         | 6.1                     | 502,945         |
| 26                             | 7+4                           | 933                                      | NA                                | NA                           | 85  | 1.10   | 10  | 7.4                         | 6.1                     | 503,878         |
| 27                             | 7+4                           | 798                                      | NA                                | NA                           | 80  | 1.30   | 5   | 7.5                         | 6.1                     | 504,676         |
| 28                             | 7+4                           | 967                                      | NA                                | NA                           | 75  | 0.75   | 5   | 7.5                         | 6.1                     | 505,643         |
| 29                             | 7+4                           | 923                                      | NA                                | NA                           | 60  | 0.88   | 15  | 7.9                         | 6.1                     | 506,566         |
| 30                             |                               | -  |                                   |                              |   |  |   |                             |                         |                 |
| 31                             |                               | -  |                                   |                              |   |  |   |                             |                         |                 |
| <b>Total</b>                   |                               | <b>23,771</b>                            | <b>DAY</b>                        | <b>30</b>                    |   |  |   |                             |                         |                 |
| <b>AVG.</b>                    |                               | <b>792.37</b>                            |                                   |                              |   | <b>0.83</b>  |   |                             |                         |                 |

Chlorine Mix Ratio = \_\_\_\_\_ quarts/gallons of \_\_\_\_\_ % chlorine added to \_\_\_\_\_ gallons of water in crock

Reported by: Lowell Ross Title: Water Systems Supervisor NYS DOH Operator Certification Number: NY0031941

Signature: *Lowell Ross* Date: 10-3-06 Operator Grade Level: 1A-SW/GUI

| Public Water System Name       |                                 | Reporting Month/Year                     |                                   | Date Report Submitted        |   |   | Source Water Type(s)  |  |  |                 |
|--------------------------------|---------------------------------|--|-----------------------------------|------------------------------|---|---|---|--|--|-----------------|
| Brookhaven National Laboratory |                                 | 09/2006                                  |                                   | 9/30/2006                    |   |   | <input type="checkbox"/> Surface <input checked="" type="checkbox"/> Ground <input type="checkbox"/> GWUDI<br><input type="checkbox"/> Purchase with subsequent chlorination<br><input type="checkbox"/> Purchase w/out subsequent chlorination |  |  |                 |
| Public Water System ID         |                                 | County                                   |                                   | Town/Village/City            |   |   |   |  |  |                 |
| 5111891                        |                                 | Suffolk                                  |                                   | Upton, New York 11973        |   |   |   |  |  |                 |
| DATE                           | Source(s) in Use<br>Well No.: 4 | Treated water volume (1,000 gallons/day) | Chlorination                      |                              |   |   | Other Treatments / Readings   |  |  | Daily Totalizer |
|                                |                                 |  | Gaseous<br>Cylinder weight (lbs.) | Chlorine used per day (lbs.) | Liquid<br>Hypochlorite (gallons Hypochlorite in Tank) | Free chlorine residual at entry point (mg/l) (WTFP-RAW) | Hypochlorite used/day   |  |  |                 |
|                                |                                 |  |                                   |                              | 0   |   |   |  |  | 1,648,622       |
| 1                              | 4                               | -  | NA                                | NA                           | 0   | NR  | NR  |  |  | 1,648,622       |
| 2                              | 4                               | -  | NA                                | NA                           | 0   | NR  | NR  |  |  | 1,648,622       |
| 3                              |                                 | -  |                                   |                              |   |   |   |  |  |                 |
| 4                              |                                 | -  |                                   |                              | 0   |   |   |  |  |                 |
| 5                              | 4                               | -  | NA                                | NA                           | 0   | NR  | NR  |  |  | 1,648,622       |
| 6                              | 4                               | -  | NA                                | NA                           | 0   | NR  | NR  |  |  | 1,648,622       |
| 7                              | 4                               | -  | NA                                | NA                           | 0   | NR  | NR  |  |  | 1,648,622       |
| 8                              | 4                               | -  | NA                                | NA                           | 0   | NR  | NR  |  |  | 1,648,622       |
| 9                              |                                 | -  |                                   |                              |   |   |   |  |  |                 |
| 10                             |                                 | -  |                                   |                              |   |   |   |  |  |                 |
| 11                             | 4                               | -  | NA                                | NA                           | 0   | NR  | NR  |  |  | 1,648,622       |
| 12                             | 4                               | -  | NA                                | NA                           | 0   | NR  | NR  |  |  | 1,648,622       |
| 13                             | 4                               | -  | NA                                | NA                           | 0   | NR  | NR  |  |  | 1,648,622       |
| 14                             | 4                               | -  | NA                                | NA                           | 57  | NR  | NR  |  |  | 1,648,622       |
| 15                             | 4                               | 1,228                                    | NA                                | NA                           | 42+108  | NR  | 15  |  |  | 1,649,850       |
| 16                             |                                 | -  |                                   |                              |   |   |   |  |  |                 |
| 17                             |                                 | -  |                                   |                              |   |   |   |  |  |                 |
| 18                             | 4                               | 1,163                                    | NA                                | NA                           | 123   | 0.47  | 27  |  |  | 1,651,013       |
| 19                             | 4                               | 313                                      | NA                                | NA                           | 117   | 0.07  | 6   |  |  | 1,651,326       |
| 20                             | 4                               | 420                                      | NA                                | NA                           | 105   | 0.07  | 12  |  |  | 1,651,746       |
| 21                             | 4                               | 417                                      | NA                                | NA                           | 97  | 0.11  | 8   |  |  | 1,652,163       |
| 22                             | 4                               | 336                                      | NA                                | NA                           | 85+55   | 0.09  | 12  |  |  | 1,652,499       |
| 23                             |                                 | -  |                                   |                              |   |   |   |  |  |                 |
| 24                             |                                 | -  |                                   |                              |   |   |   |  |  |                 |
| 25                             | 4                               | 1,145                                    | NA                                | NA                           | 108   | 0.17  | 32  |  |  | 1,653,644       |
| 26                             | 4                               | 327                                      | NA                                | NA                           | 102   | 0.10  | 6   |  |  | 1,653,971       |
| 27                             | 4                               | 350                                      | NA                                | NA                           | 96  | 0.20  | 6   |  |  | 1,654,321       |
| 28                             | 4                               | 374                                      | NA                                | NA                           | 87  | 0.17  | 9   |  |  | 1,654,695       |
| 29                             | 4                               | 378                                      | NA                                | NA                           | 78+66=144   | 0.35  | 9   |  |  | 1,655,073       |
| 30                             |                                 | -  |                                   |                              |   |   |   |  |  |                 |
| 31                             |                                 | -  |                                   |                              |   |   |   |  |  |                 |
| <b>Total</b>                   |                                 | <b>6,451</b>                             | <b>Days</b>                       | <b>30</b>                    |   |   | <b>142</b>  |  |  |                 |
| <b>AVG.</b>                    |                                 | <b>215.03</b>                            |                                   |                              |   |   | <b>4.7</b>  |  |  |                 |

Chlorine Mix Ratio = \_\_\_\_\_ quarts/gallons of \_\_\_\_\_ % chlorine added to \_\_\_\_\_ gallons of water in crock

Reported by: Lowell Ross Title: Water Systems Supervisor NYS DOH Operator Certification Number: NY0031941

Signature: *Lowell Ross* Date: 10-3-06

Operator Grade Level 1A-SW/GUI

|   |  |  |  |
|---|--|--|--|
| Public Water System Name<br><b>Brookhaven National Laboratory</b> | Reporting Month/Year<br><b>09/2006</b> | Date Report Submitted<br><b>9/30/2006</b>              | Source Water Type(s)<br><input type="checkbox"/> Surface <input checked="" type="checkbox"/> Ground <input type="checkbox"/> GWUOF |
| Public Water System ID<br><b>5111891</b>                          | County<br><b>Suffolk</b>               | Town, Village, or City<br><b>Upton, New York 11973</b> | <input type="checkbox"/> Purchase with subsequent chlorination<br><input type="checkbox"/> Purchase w/out subsequent chlorination  |

| DATE         | Source(s) in Use<br>Well No.: 6 | Treated water volume (1,000 gallons/day) | Chlorination           |                              |   |  | Other Treatments / Readings |  |  | Daily Totalizer |
|--------------|---------------------------------|--|------------------------|------------------------------|---|--|-----------------------------|--|--|-----------------|
|              |                                 |  | Gaseous                |                              | Liquid                                      | Free chlorine residual at entry point (mg/l) (WTF-Raw) | Hypochlorite used/day       |  |  |                 |
|              |                                 |  | Cylinder weight (lbs.) | Chlorine used per day (lbs.) | Hypochlorite (gallons Hypochlorite in Tank) |  |                             |  |  |                 |
|              |                                 |  |                        |                              | <b>111</b>                                  |  |                             |  |  | <b>654,948</b>  |
| <b>1</b>     | <b>6</b>                        | <b>6</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>99</b>                                   | <b>0.03</b>  | <b>12</b>                   |  |  | <b>654,954</b>  |
| <b>2</b>     | <b>6</b>                        | <b>2</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>90</b>                                   | <b>0.04</b>  | <b>9</b>                    |  |  | <b>654,956</b>  |
| <b>3</b>     |                                 | <b>-</b>                                 |                        |                              |   |  |                             |  |  |                 |
| <b>4</b>     |                                 | <b>-</b>                                 |                        |                              |   |  |                             |  |  |                 |
| <b>5</b>     | <b>6</b>                        | <b>5</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>66+63=129</b>                            | <b>0.03</b>  | <b>24</b>                   |  |  | <b>654,961</b>  |
| <b>6</b>     | <b>6</b>                        | <b>3</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>120</b>                                  | <b>0.04</b>  | <b>9</b>                    |  |  | <b>654,964</b>  |
| <b>7</b>     | <b>6</b>                        | <b>1</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>105</b>                                  | <b>0.03</b>  | <b>15</b>                   |  |  | <b>654,965</b>  |
| <b>8</b>     | <b>6</b>                        | <b>1</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>90</b>                                   | <b>0.12</b>  | <b>15</b>                   |  |  | <b>654,966</b>  |
| <b>9</b>     |                                 | <b>-</b>                                 |                        |                              |   |  |                             |  |  |                 |
| <b>10</b>    |                                 | <b>-</b>                                 |                        |                              |   |  |                             |  |  |                 |
| <b>11</b>    | <b>6</b>                        | <b>592</b>                               | <b>NA</b>              | <b>NA</b>                    | <b>69</b>                                   | <b>0.02</b>  | <b>21</b>                   |  |  | <b>655,558</b>  |
| <b>12</b>    | <b>6</b>                        | <b>18</b>                                | <b>NA</b>              | <b>NA</b>                    | <b>66</b>                                   | <b>0.02</b>  | <b>3</b>                    |  |  | <b>655,576</b>  |
| <b>13</b>    | <b>6</b>                        | <b>877</b>                               | <b>NA</b>              | <b>NA</b>                    | <b>66</b>                                   | <b>NR</b>  | <b>NR</b>                   |  |  | <b>656,453</b>  |
| <b>14</b>    | <b>6</b>                        | <b>2</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>66</b>                                   | <b>NR</b>  | <b>NR</b>                   |  |  | <b>656,455</b>  |
| <b>15</b>    | <b>6</b>                        | <b>5</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>66</b>                                   | <b>NR</b>  | <b>NR</b>                   |  |  | <b>656,460</b>  |
| <b>16</b>    |                                 | <b>-</b>                                 |                        |                              |   |  |                             |  |  |                 |
| <b>17</b>    |                                 | <b>-</b>                                 |                        |                              |   |  |                             |  |  |                 |
| <b>18</b>    | <b>6</b>                        | <b>1</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>66</b>                                   | <b>NR</b>  | <b>NR</b>                   |  |  | <b>656,461</b>  |
| <b>19</b>    | <b>6</b>                        | <b>-</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>66</b>                                   | <b>NR</b>  | <b>NR</b>                   |  |  | <b>656,461</b>  |
| <b>20</b>    | <b>6</b>                        | <b>2</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>66</b>                                   | <b>NR</b>  | <b>NR</b>                   |  |  | <b>656,463</b>  |
| <b>21</b>    | <b>6</b>                        | <b>3</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>66</b>                                   | <b>NR</b>  | <b>NR</b>                   |  |  | <b>656,466</b>  |
| <b>22</b>    | <b>6</b>                        | <b>2</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>66</b>                                   | <b>NR</b>  | <b>NR</b>                   |  |  | <b>656,468</b>  |
| <b>23</b>    |                                 | <b>-</b>                                 |                        |                              |   |  |                             |  |  |                 |
| <b>24</b>    |                                 | <b>-</b>                                 |                        |                              |   |  |                             |  |  |                 |
| <b>25</b>    | <b>6</b>                        | <b>1</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>66</b>                                   | <b>NR</b>  | <b>NR</b>                   |  |  | <b>656,469</b>  |
| <b>26</b>    | <b>6</b>                        | <b>-</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>66</b>                                   | <b>NR</b>  | <b>NR</b>                   |  |  | <b>656,469</b>  |
| <b>27</b>    | <b>6</b>                        | <b>-</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>66</b>                                   | <b>NR</b>  | <b>NR</b>                   |  |  | <b>656,469</b>  |
| <b>28</b>    | <b>6</b>                        | <b>-</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>66</b>                                   | <b>NR</b>  | <b>NR</b>                   |  |  | <b>656,469</b>  |
| <b>29</b>    | <b>6</b>                        | <b>-</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>66</b>                                   | <b>NR</b>  | <b>NR</b>                   |  |  | <b>656,469</b>  |
| <b>30</b>    |                                 | <b>-</b>                                 |                        |                              |   |  |                             |  |  |                 |
| <b>31</b>    |                                 | <b>-</b>                                 |                        |                              |   |  |                             |  |  |                 |
| <b>Total</b> |                                 | <b>1,521</b>                             | <b>Days</b>            | <b>30</b>                    |   |  | <b>108</b>                  |  |  |                 |
| <b>AVG.</b>  |                                 | <b>50.70</b>                             |                        |                              |   | <b>0.0405</b>  | <b>3.6</b>                  |  |  |                 |

Chlorine Mix Ratio = \_\_\_\_\_ quarts/gallons of \_\_\_\_\_ % chlorine added to \_\_\_\_\_ gallons of water in crock

Reported by: Lowell Ross Title: Water Systems Supervisor NYS DOH Operator Certification Number: NY0031941

Signature:  Date: 10-31-06 Operator Grade Level 1A-SW/GUI

|   |  |  |  |
|---|--|--|--|
| Public Water System Name<br><b>Brookhaven National Laboratory</b> | Reporting Month/Year<br><b>09/2006</b> | Date Report Submitted<br><b>9/30/2006</b>              | Source Water Type(s)<br><input type="checkbox"/> Surface <input checked="" type="checkbox"/> Ground <input type="checkbox"/> GWUDI |
| Public Water System ID<br><b>5111891</b>                          | County<br><b>Suffolk</b>               | Town, Village, or City<br><b>Upton, New York 11973</b> | <input type="checkbox"/> Purchase with subsequent chlorination<br><input type="checkbox"/> Purchase w/out subsequent chlorination  |

| DATE         | Source(s) in Use<br>Well No.: 7 | Treated water volume (1,000 gallons/day) | Chlorination           |                              |   |  | Other Treatments / Readings |  |  |                  | Daily Totalizer |
|--------------|---------------------------------|--|------------------------|------------------------------|---|--|-----------------------------|--|--|------------------|-----------------|
|              |                                 |  | Gaseous                |                              | Liquid                                      | Free chlorine residual at entry point (mg/l) (WTF-Raw) | Hypochlorite used/day       |  |  |                  |                 |
|              |                                 |  | Cylinder weight (lbs.) | Chlorine used per day (lbs.) | Hypochlorite (gallons Hypochlorite in Tank) |  |                             |  |  |                  |                 |
|              |                                 |  |                        |                              | <b>135</b>                                  |  |                             |  |  | <b>2,101,228</b> |                 |
| <b>1</b>     | <b>7</b>                        | <b>1,012</b>                             | <b>NA</b>              | <b>NA</b>                    | <b>111</b>                                  | <b>0.03</b>  | <b>24</b>                   |  |  | <b>2,102,240</b> |                 |
| <b>2</b>     | <b>7</b>                        | <b>916</b>                               | <b>NA</b>              | <b>NA</b>                    | <b>96</b>                                   | <b>0.04</b>  | <b>15</b>                   |  |  | <b>2,103,156</b> |                 |
| <b>3</b>     |                                 | -  |                        |                              |   |  |                             |  |  |                  |                 |
| <b>4</b>     |                                 | -  |                        |                              |   |  |                             |  |  |                  |                 |
| <b>5</b>     | <b>7</b>                        | <b>2,436</b>                             | <b>NA</b>              | <b>NA</b>                    | <b>54+96=150</b>                            | <b>0.03</b>  | <b>42</b>                   |  |  | <b>2,105,592</b> |                 |
| <b>6</b>     | <b>7</b>                        | <b>976</b>                               | <b>NA</b>              | <b>NA</b>                    | <b>138</b>                                  | <b>0.04</b>  | <b>12</b>                   |  |  | <b>2,106,568</b> |                 |
| <b>7</b>     | <b>7</b>                        | <b>1,130</b>                             | <b>NA</b>              | <b>NA</b>                    | <b>120</b>                                  | <b>0.03</b>  | <b>18</b>                   |  |  | <b>2,107,698</b> |                 |
| <b>8</b>     | <b>7</b>                        | <b>1,001</b>                             | <b>NA</b>              | <b>NA</b>                    | <b>102+48</b>                               | <b>0.10</b>  | <b>18</b>                   |  |  | <b>2,108,699</b> |                 |
| <b>9</b>     |                                 | -  |                        |                              |   |  |                             |  |  |                  |                 |
| <b>10</b>    |                                 | -  |                        |                              |   |  |                             |  |  |                  |                 |
| <b>11</b>    | <b>7</b>                        | <b>2,411</b>                             | <b>NA</b>              | <b>NA</b>                    | <b>114</b>                                  | <b>0.02</b>  | <b>36</b>                   |  |  | <b>2,111,110</b> |                 |
| <b>12</b>    | <b>7</b>                        | <b>745</b>                               | <b>NA</b>              | <b>NA</b>                    | <b>105</b>                                  | <b>0.02</b>  | <b>9</b>                    |  |  | <b>2,111,855</b> |                 |
| <b>13</b>    | <b>7</b>                        | <b>61</b>                                | <b>NA</b>              | <b>NA</b>                    | <b>99</b>                                   | <b>0.01</b>  | <b>6</b>                    |  |  | <b>2,111,916</b> |                 |
| <b>14</b>    | <b>7</b>                        | <b>52</b>                                | <b>NA</b>              | <b>NA</b>                    | <b>99</b>                                   | <b>NR</b>  | <b>NR</b>                   |  |  | <b>2,111,968</b> |                 |
| <b>15</b>    | <b>7</b>                        | <b>1,099</b>                             | <b>NA</b>              | <b>NA</b>                    | <b>75+75</b>                                | <b>0.03</b>  | <b>24</b>                   |  |  | <b>2,113,067</b> |                 |
| <b>16</b>    |                                 | -  |                        |                              |   |  |                             |  |  |                  |                 |
| <b>17</b>    |                                 | -  |                        |                              |   |  |                             |  |  |                  |                 |
| <b>18</b>    | <b>7</b>                        | <b>2,840</b>                             | <b>NA</b>              | <b>NA</b>                    | <b>107</b>                                  | <b>0.47</b>  | <b>43</b>                   |  |  | <b>2,115,907</b> |                 |
| <b>19</b>    | <b>7</b>                        | <b>983</b>                               | <b>NA</b>              | <b>NA</b>                    | <b>90</b>                                   | <b>0.07</b>  | <b>17</b>                   |  |  | <b>2,116,890</b> |                 |
| <b>20</b>    | <b>7</b>                        | <b>948</b>                               | <b>NA</b>              | <b>NA</b>                    | <b>75</b>                                   | <b>0.07</b>  | <b>15</b>                   |  |  | <b>2,117,838</b> |                 |
| <b>21</b>    | <b>7</b>                        | <b>835</b>                               | <b>NA</b>              | <b>NA</b>                    | <b>58</b>                                   | <b>0.11</b>  | <b>17</b>                   |  |  | <b>2,118,673</b> |                 |
| <b>22</b>    | <b>7</b>                        | <b>706</b>                               | <b>NA</b>              | <b>NA</b>                    | <b>40+110</b>                               | <b>0.09</b>  | <b>18</b>                   |  |  | <b>2,119,379</b> |                 |
| <b>23</b>    |                                 | -  |                        |                              |   |  |                             |  |  |                  |                 |
| <b>24</b>    |                                 | -  |                        |                              |   |  |                             |  |  |                  |                 |
| <b>25</b>    | <b>7</b>                        | <b>2,244</b>                             | <b>NA</b>              | <b>NA</b>                    | <b>108</b>                                  | <b>0.17</b>  | <b>42</b>                   |  |  | <b>2,121,623</b> |                 |
| <b>26</b>    | <b>7</b>                        | <b>854</b>                               | <b>NA</b>              | <b>NA</b>                    | <b>93</b>                                   | <b>0.10</b>  | <b>15</b>                   |  |  | <b>2,122,477</b> |                 |
| <b>27</b>    | <b>7</b>                        | <b>702</b>                               | <b>NA</b>              | <b>NA</b>                    | <b>81</b>                                   | <b>0.20</b>  | <b>12</b>                   |  |  | <b>2,123,179</b> |                 |
| <b>28</b>    | <b>7</b>                        | <b>952</b>                               | <b>NA</b>              | <b>NA</b>                    | <b>66</b>                                   | <b>0.17</b>  | <b>15</b>                   |  |  | <b>2,124,131</b> |                 |
| <b>29</b>    | <b>7</b>                        | <b>826</b>                               | <b>NA</b>              | <b>NA</b>                    | <b>48+99=147</b>                            | <b>0.35</b>  | <b>18</b>                   |  |  | <b>2,124,957</b> |                 |
| <b>30</b>    |                                 | -  |                        |                              |   |  |                             |  |  |                  |                 |
| <b>31</b>    |                                 | -  |                        |                              |   |  |                             |  |  |                  |                 |
| <b>Total</b> |                                 | <b>23,729</b>                            | <b>Days</b>            | <b>30</b>                    |   |  | <b>416</b>                  |  |  |                  |                 |
| <b>AVG.</b>  |                                 | <b>790.97</b>                            |                        |                              |   | <b>0.1074</b>  | <b>13.866667</b>            |  |  |                  |                 |

Chlorine Mix Ratio = \_\_\_\_\_ quarts/gallons of \_\_\_\_\_ % chlorine added to \_\_\_\_\_ gallons of water in crock

Reported by: Lowell Ross Title: Water Systems Supervisor NYS DOH Operator Certification Number: NY0031941

Signature: *Lowell Ross* Date: 10-3-06 Operator Grade Level 1A-SW/GUI

|   |  |  |  |
|---|--|--|--|
| Public Water System Name<br><b>Brookhaven National Laboratory</b> | Reporting Month/Year<br><b>09/2006</b> | Date Report Submitted<br><b>9/30/2006</b>              | Source Water Type(s)<br><input type="checkbox"/> Surface <input checked="" type="checkbox"/> Ground <input type="checkbox"/> GWUDI |
| Public Water System ID<br><b>5111891</b>                          | County<br><b>Suffolk</b>               | Town, Village, or City<br><b>Upton, New York 11973</b> | <input type="checkbox"/> Purchase with subsequent chlorination<br><input type="checkbox"/> Purchase w/out subsequent chlorination  |

| DATE         | Source(s) in Use<br>Well No.: 10 | Treated water volume (1,000 gallons/day) | Chlorination           |                              |   |  | Other Treatments / Readings |                     |         | Daily Totalizer |
|--------------|----------------------------------|--|------------------------|------------------------------|---|--|-----------------------------|---------------------|---------|-----------------|
|              |                                  |  | Gaseous                |                              | Liquid                                      | Free chlorine residual at entry point (mg/l) | Hypochlorite used/day       | pH Sodium Hydroxide |         |                 |
|              |                                  |  | Cylinder weight (lbs.) | Chlorine used per day (lbs.) | Hypochlorite (gallons Hypochlorite in Tank) |  |                             |                     |         |                 |
|              |                                  |  |                        |                              | 0   |  |                             |                     | 772,460 |                 |
| 1            | 10                               | -  | NA                     | NA                           | 0   | NR   | NR                          | NR                  | 772,460 |                 |
| 2            | 10                               | -  | NA                     | NA                           | 0   | NR   | NR                          | NR                  | 772,460 |                 |
| 3            |                                  | -  |                        |                              |   |  |                             |                     |         |                 |
| 4            |                                  | -  |                        |                              |   |  |                             |                     |         |                 |
| 5            | 10                               | -  | NA                     | NA                           | 0   | NR   | NR                          | NR                  | 772,460 |                 |
| 6            | 10                               | -  | NA                     | NA                           | 0   | NR   | NR                          | NR                  | 772,460 |                 |
| 7            | 10                               | -  | NA                     | NA                           | 0   | NR   | NR                          | NR                  | 772,460 |                 |
| 8            | 10                               | -  | NA                     | NA                           | 0   | NR   | NR                          | NR                  | 772,460 |                 |
| 9            |                                  | -  |                        |                              |   |  |                             |                     |         |                 |
| 10           |                                  | -  |                        |                              |   |  |                             |                     |         |                 |
| 11           | 10                               | -  | NA                     | NA                           | 0   | NR   | NR                          | NR                  | 772,460 |                 |
| 12           | 10                               | -  | NA                     | NA                           | 0   | NR   | NR                          | NR                  | 772,460 |                 |
| 13           |                                  | -  | NA                     | NA                           | 0   | NR   | NR                          | NR                  | 772,460 |                 |
| 14           |                                  | -  | NA                     | NA                           | 0   | NR   | NR                          | NR                  | 772,460 |                 |
| 15           |                                  | -  | NA                     | NA                           | 0   | NR   | NR                          | NR                  | 772,460 |                 |
| 16           |                                  | -  |                        |                              |   |  |                             |                     |         |                 |
| 17           |                                  | -  |                        |                              |   |  |                             |                     |         |                 |
| 18           | 10                               | -  | NA                     | NA                           | 0   | NR   | NR                          | NR                  | 772,460 |                 |
| 19           | 10                               | -  | NA                     | NA                           | 0   | NR   | NR                          | NR                  | 772,460 |                 |
| 20           | 10                               | -  | NA                     | NA                           | 0   | NR   | NR                          | NR                  | 772,460 |                 |
| 21           | 10                               | -  | NA                     | NA                           | 0   | NR   | NR                          | NR                  | 772,460 |                 |
| 22           | 10                               | -  | NA                     | NA                           | 0   | NR   | NR                          | NR                  | 772,460 |                 |
| 23           |                                  | -  |                        |                              |   |  |                             |                     |         |                 |
| 24           |                                  | -  |                        |                              |   |  |                             |                     |         |                 |
| 25           | 10                               | -  | NA                     | NA                           | 0   | NR   | NR                          | NR                  | 772,460 |                 |
| 26           | 10                               | -  | NA                     | NA                           | 0   | NR   | NR                          | NR                  | 772,460 |                 |
| 27           | 10                               | -  | NA                     | NA                           | 0   | NR   | NR                          | NR                  | 772,460 |                 |
| 28           | 10                               | -  | NA                     | NA                           | 0   | NR   | NR                          | NR                  | 772,460 |                 |
| 29           | 10                               | -  | NA                     | NA                           | 0   | NR   | NR                          | NR                  | 772,460 |                 |
| 30           |                                  | -  |                        |                              |   |  |                             |                     |         |                 |
| 31           |                                  | -  |                        |                              |   |  |                             |                     |         |                 |
| <b>Total</b> |                                  | -  | <b>Days</b>            | <b>30</b>                    |   |  |                             |                     |         |                 |
| <b>AVG.</b>  |                                  |  |                        |                              |   |  |                             |                     |         |                 |

Chlorine Mix Ratio = \_\_\_\_\_ quarts/gallons of \_\_\_\_\_ % chlorine added to \_\_\_\_\_ gallons of water in crock

Reported by: Lowell Ross Title: Water Systems Supervisor NYS DOH Operator Certification Number: NY0031941

Signature: *Lowell Ross* Date: 10-3-00 Operator Grade Level 1A-SW/GUI



|   |  |  |  |
|---|--|--|--|
| Public Water System Name<br><b>Brookhaven National Laboratory</b> | Reporting Month/Year<br><b>09/2006</b> | Date Report Submitted<br><b>9/30/2006</b>              | Source Water Type(s)<br><input type="checkbox"/> Surface <input checked="" type="checkbox"/> Ground <input type="checkbox"/> GWUDI |
| Public Water System ID<br><b>5111891</b>                          | County<br><b>Suffolk</b>               | Town, Village, or City<br><b>Upton, New York 11973</b> | <input type="checkbox"/> Purchase with subsequent chlorination<br><input type="checkbox"/> Purchase w/out subsequent chlorination  |

| DATE         | Source(s) in Use<br>Well No.: 11 | Treated water volume (1,000 gallons/day) | Chlorination           |                              |   |  | Other Treatments / Readings |                     |                | Daily Totalizer |
|--------------|----------------------------------|--|------------------------|------------------------------|---|--|-----------------------------|---------------------|----------------|-----------------|
|              |                                  |  | Gaseous                |                              | Liquid                                      | Free chlorine residual at entry point (mg/l) | Hypochlorite used/day       | pH Sodium Hydroxide |                |                 |
|              |                                  |  | Cylinder weight (lbs.) | Chlorine used per day (lbs.) | Hypochlorite (gallons Hypochlorite in Tank) |  |                             |                     |                |                 |
|              |                                  |  |                        |                              | <b>57</b>                                   |  |                             |                     | <b>732,098</b> |                 |
| <b>1</b>     | <b>11</b>                        | <b>200</b>                               | <b>NA</b>              | <b>NA</b>                    | <b>57</b>                                   | <b>NR</b>                                    |                             | <b>NR</b>           | <b>732,298</b> |                 |
| <b>2</b>     | <b>11</b>                        | <b>-</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>57</b>                                   | <b>NR</b>                                    |                             | <b>NR</b>           | <b>732,298</b> |                 |
| <b>3</b>     |                                  | <b>-</b>                                 |                        |                              |   |  |                             |                     |                |                 |
| <b>4</b>     |                                  | <b>-</b>                                 |                        |                              |   |  |                             |                     |                |                 |
| <b>5</b>     | <b>11</b>                        | <b>-</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>57</b>                                   | <b>NR</b>                                    |                             | <b>NR</b>           | <b>732,298</b> |                 |
| <b>6</b>     | <b>11</b>                        | <b>-</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>57</b>                                   | <b>NR</b>                                    |                             | <b>NR</b>           | <b>732,298</b> |                 |
| <b>7</b>     | <b>11</b>                        | <b>-</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>54</b>                                   | <b>NR</b>                                    | <b>3</b>                    | <b>NR</b>           | <b>732,298</b> |                 |
| <b>8</b>     | <b>11</b>                        | <b>-</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>54</b>                                   | <b>NR</b>                                    |                             | <b>NR</b>           | <b>732,298</b> |                 |
| <b>9</b>     |                                  | <b>-</b>                                 |                        |                              |   |  |                             |                     |                |                 |
| <b>10</b>    |                                  | <b>-</b>                                 |                        |                              |   |  |                             |                     |                |                 |
| <b>11</b>    | <b>11</b>                        | <b>742</b>                               | <b>NA</b>              | <b>NA</b>                    | <b>48</b>                                   | <b>NR</b>                                    | <b>6</b>                    | <b>NR</b>           | <b>733,040</b> |                 |
| <b>12</b>    | <b>11</b>                        | <b>411</b>                               | <b>NA</b>              | <b>NA</b>                    | <b>46</b>                                   | <b>NR</b>                                    | <b>2</b>                    | <b>NR</b>           | <b>733,451</b> |                 |
| <b>13</b>    | <b>11</b>                        | <b>-</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>46+41</b>                                | <b>NR</b>                                    |                             | <b>NR</b>           | <b>733,451</b> |                 |
| <b>14</b>    | <b>11</b>                        | <b>6</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>81</b>                                   | <b>NR</b>                                    | <b>6</b>                    |                     | <b>733,457</b> |                 |
| <b>15</b>    | <b>11</b>                        | <b>-</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>81</b>                                   | <b>NR</b>                                    | <b>NR</b>                   | <b>NR</b>           | <b>733,457</b> |                 |
| <b>16</b>    |                                  | <b>-</b>                                 |                        |                              |   |  |                             |                     |                |                 |
| <b>17</b>    |                                  | <b>-</b>                                 |                        |                              |   |  |                             |                     |                |                 |
| <b>18</b>    | <b>11</b>                        | <b>25</b>                                | <b>NA</b>              | <b>NA</b>                    | <b>81</b>                                   | <b>NR</b>                                    |                             | <b>NR</b>           | <b>733,482</b> |                 |
| <b>19</b>    | <b>11</b>                        | <b>-</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>81</b>                                   | <b>NR</b>                                    |                             | <b>NR</b>           | <b>733,482</b> |                 |
| <b>20</b>    | <b>11</b>                        | <b>-</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>81</b>                                   | <b>NR</b>                                    |                             | <b>NR</b>           | <b>733,482</b> |                 |
| <b>21</b>    | <b>11</b>                        | <b>27</b>                                | <b>NA</b>              | <b>NA</b>                    | <b>81</b>                                   | <b>NR</b>                                    |                             | <b>NR</b>           | <b>733,509</b> |                 |
| <b>22</b>    | <b>11</b>                        | <b>-</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>81</b>                                   | <b>NR</b>                                    |                             | <b>NR</b>           | <b>733,509</b> |                 |
| <b>23</b>    |                                  | <b>-</b>                                 |                        |                              |   |  |                             |                     |                |                 |
| <b>24</b>    |                                  | <b>-</b>                                 |                        |                              |   |  |                             |                     |                |                 |
| <b>25</b>    | <b>11</b>                        | <b>-</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>81</b>                                   | <b>NR</b>                                    |                             | <b>NR</b>           | <b>733,509</b> |                 |
| <b>26</b>    | <b>11</b>                        | <b>-</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>81</b>                                   | <b>NR</b>                                    |                             | <b>NR</b>           | <b>733,509</b> |                 |
| <b>27</b>    | <b>11</b>                        | <b>-</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>81</b>                                   | <b>NR</b>                                    |                             | <b>NR</b>           | <b>733,509</b> |                 |
| <b>28</b>    | <b>11</b>                        | <b>-</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>81</b>                                   | <b>NR</b>                                    |                             | <b>NR</b>           | <b>733,509</b> |                 |
| <b>29</b>    | <b>11</b>                        | <b>-</b>                                 | <b>NA</b>              | <b>NA</b>                    | <b>81</b>                                   | <b>NR</b>                                    |                             | <b>NR</b>           | <b>733,509</b> |                 |
| <b>30</b>    |                                  | <b>-</b>                                 |                        |                              |   |  |                             |                     |                |                 |
| <b>31</b>    |                                  | <b>-</b>                                 |                        |                              |   |  |                             |                     |                |                 |
| <b>Total</b> |                                  | <b>1,411</b>                             | <b>Days</b>            | <b>30</b>                    |   |  | <b>17</b>                   |                     |                |                 |
| <b>AVG.</b>  |                                  | <b>47.03</b>                             |                        |                              |   |  | <b>0.56666667</b>           |                     |                |                 |

Chlorine Mix Ratio = \_\_\_\_\_ quarts/gallons of \_\_\_\_\_ % chlorine added to \_\_\_\_\_ gallons of water in crock

Reported by: Lowell Ross Title: Water Systems Supervisor NYS DOH Operator Certification Number: NY0031941

Signature: *Lowell Ross* Date: 10-3-06 Operator Grade Level 1A-SW/GUI

| Public Water System Name       |                                  | Reporting Month/Year                     |                        | Date Report Submitted        |   | Source Water Type(s)  |                             |                     |  |                 |
|--------------------------------|----------------------------------|--|------------------------|------------------------------|---|---|-----------------------------|---------------------|--|-----------------|
| Brookhaven National Laboratory |                                  | 09/2006                                  |                        | 9/30/2006                    |   | <input type="checkbox"/> Surface <input checked="" type="checkbox"/> Ground <input type="checkbox"/> GWUDI<br><input type="checkbox"/> Purchase with subsequent chlorination<br><input type="checkbox"/> Purchase w/out subsequent chlorination |                             |                     |  |                 |
| Public Water System ID         |                                  | County                                   |                        | Town, Village, or City       |   |   |                             |                     |  |                 |
| 5111891                        |                                  | Suffolk                                  |                        | Upton, New York 11973        |   |   |                             |                     |  |                 |
| DATE                           | Source(s) in Use<br>Well No.: 12 | Treated water volume (1,000 gallons/day) | Chlorination           |                              |   |   | Other Treatments / Readings |                     |  | Daily Totalizer |
|                                |                                  |  | Gaseous                |                              | Liquid                                      | Free chlorine residual at entry point (mg/l)  | Hypochlorite used/day       | pH Sodium Hydroxide |  |                 |
|                                |                                  |  | Cylinder weight (lbs.) | Chlorine used per day (lbs.) | Hypochlorite (gallons Hypochlorite in Tank) |   |                             |                     |  |                 |
|                                |                                  |  |                        |                              | 84  |   |                             |                     |  | 822,094         |
| 1                              | 12                               |  | NA                     | NA                           | 82  | NR  |                             | NR                  |  | 822,094         |
| 2                              | 12                               | -  | NA                     | NA                           | 82  | NR  |                             | NR                  |  | 822,094         |
| 3                              |                                  | -  |                        |                              |   |   |                             |                     |  |                 |
| 4                              |                                  | -  |                        |                              |   |   |                             |                     |  |                 |
| 5                              | 12                               | -  | NA                     | NA                           | 82  | NR  |                             | NR                  |  | 822,094         |
| 6                              | 12                               | -  | NA                     | NA                           | 82  | NR  |                             | NR                  |  | 822,094         |
| 7                              | 12                               | -  | NA                     | NA                           | 0   | NR  |                             | NR                  |  | 822,094         |
| 8                              | 12                               | -  | NA                     | NA                           | 0   | NR  |                             | NR                  |  | 822,094         |
| 9                              |                                  | -  |                        |                              |   |   |                             |                     |  |                 |
| 10                             |                                  | -  |                        |                              |   |   |                             |                     |  |                 |
| 11                             | 12                               | 107                                      | NA                     | NA                           | 48  | NR  |                             | NR                  |  | 822,201         |
| 12                             | 12                               | 180                                      | NA                     | NA                           | 48  | NR  |                             | NR                  |  | 822,381         |
| 13                             | 12                               | 869                                      | NA                     | NA                           | 36+84                                       | 0.61  | 12                          | 7.4                 |  | 823,250         |
| 14                             | 12                               | 1,182                                    | NA                     | NA                           | 108   | 0.88  | 12                          | 7.1                 |  | 824,432         |
| 15                             | 12                               | 10                                       | NA                     | NA                           | 108   | NR  | NR                          | NR                  |  | 824,442         |
| 16                             |                                  | -  |                        |                              |   |   |                             |                     |  |                 |
| 17                             |                                  | -  |                        |                              |   |   |                             |                     |  |                 |
| 18                             | 12                               | 67                                       | NA                     | NA                           | 108   | NR  |                             | NR                  |  | 824,509         |
| 19                             | 12                               | -  | NA                     | NA                           | 108   | NR  |                             | NR                  |  | 824,509         |
| 20                             | 12                               | -  | NA                     | NA                           | 108   | NR  |                             | NR                  |  | 824,509         |
| 21                             | 12                               | 29                                       | NA                     | NA                           | 108   | NR  |                             | NR                  |  | 824,538         |
| 22                             | 12                               | -  | NA                     | NA                           | 108   | NR  |                             | NR                  |  | 824,538         |
| 23                             |                                  | -  |                        |                              |   |   |                             |                     |  |                 |
| 24                             |                                  | -  |                        |                              |   |   |                             |                     |  |                 |
| 25                             | 12                               | -  | NA                     | NA                           | 108   | NR  |                             | NR                  |  | 824,538         |
| 26                             | 12                               | -  | NA                     | NA                           | 108   | NR  |                             | NR                  |  | 824,538         |
| 27                             | 12                               | -  | NA                     | NA                           | 108   | NR  |                             | NR                  |  | 824,538         |
| 28                             | 12                               | -  | NA                     | NA                           | 108   | NR  |                             | NR                  |  | 824,538         |
| 29                             | 10                               | -  | NA                     | NA                           | 108   | NR  |                             | NR                  |  | 824,538         |
| 30                             |                                  | -  |                        |                              |   |   |                             |                     |  |                 |
| 31                             |                                  | -  |                        |                              |   |   |                             |                     |  |                 |
| <b>Total</b>                   |                                  | <b>2,444</b>                             | <b>Days</b>            | <b>30</b>                    |   |   | <b>24</b>                   |                     |  |                 |
| <b>AVG.</b>                    |                                  | <b>81.47</b>                             |                        |                              |   | <b>0.745</b>  | <b>0.8</b>                  |                     |  |                 |

Chlorine Mix Ratio = \_\_\_\_\_ quarts/gallons of \_\_\_\_\_ % chlorine added to \_\_\_\_\_ gallons of water in crock

Reported by: Lowell Ross

Title: Water Systems Supervisor

NYS DOH Operator Certification Number: NY0031941

Signature: *Lowell Ross*

Date: 10-3-06

Operator Grade Level 1A-SW/GUI

# Microbiological Samples and Free Chlorine Residual

| Building Location (Sample ID)  | Date of Sample | Sample Type<br>1. Routine<br>2. Repeat | Total Coliform Positive<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | E. coli Positive<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Free Chlorine Residual (mg/l) | Population Served: <u>3,500</u>   |
|--------------------------------|----------------|--|--|---|-------------------------------|---|
| B-49 Water Tower (094-273)     | 9/8/2006       | 1                                      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                     |                               | Number of microbiological monitoring samples required: <b>8</b>   |
| B640 Water Tower 076-408       | 9/8/2006       | 1                                      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                     |                               | Number of microbiological monitoring samples taken:<br>Did an M&R violation occur? <input type="checkbox"/> Yes <input type="checkbox"/> No   |
| B-1005-RHIC 045-12             | 9/8/2006       | 1                                      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                     |                               | If "Yes," check reason (s) below:<br><input type="checkbox"/> Actual number of samples is fewer than required.<br><input type="checkbox"/> Did not collect/analyze repeat sample.<br><input type="checkbox"/> Did not collect/analyze for E. coli for positive total coliform from routine/repeat sample.<br><br>Did an MCL violation occur? <input type="checkbox"/> Yes <input type="checkbox"/> No<br><br>If "Yes," check reason(s) below (see also Part 5, Table 6 for additional information).<br>For systems collecting less than 40 samples per month: two or more of the samples (routine and /or repeat) are positive for total coliform (= total coliform MCL violation).<br><br>For systems collecting 40 or more samples per month: more than 5% of the samples (routine and/or repeat) are positive for total coliform (= total coliform MCL violation).<br><br>The original sample was E. coli positive and at least 1 repeat sample was positive for total coliform (= E. coli MCL violation).<br><br>Reminder: System must collect a minimum of five (5) routine microbiological monitoring samples during the month following a repeat sample collection.<br><br>As required by 5-1.72, "Operation of a Public Water System," a copy of this form shall be sent to your local health department by the 10th calendar day of the next reporting period. |
| B-363 Apt. Laundry 109-19      | 9/8/2006       | 1                                      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                     |                               |   |
| B-930 LINAC 054-187            | 9/8/2006       | 1                                      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                     |                               |   |
| B-490 Outpatient Clinic 084-70 | 9/8/2006       | 1                                      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                     |                               |   |
| B490 Block # 11 084 67         | 9/8/2006       | 1                                      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                     |                               |   |
| Field Duplicate B 490 BLOCK11  | 9/8/2006       | 1                                      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                     |                               |   |
|                                |                |  | <input type="checkbox"/> Yes <input type="checkbox"/> No                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No                                |                               |   |
|                                |                |  | <input type="checkbox"/> Yes <input type="checkbox"/> No                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No                                |                               |   |
|                                |                |  | <input type="checkbox"/> Yes <input type="checkbox"/> No                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No                                |                               |   |
|                                |                |  | <input type="checkbox"/> Yes <input type="checkbox"/> No                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No                                |                               |   |
|                                |                |  | <input type="checkbox"/> Yes <input type="checkbox"/> No                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No                                |                               |   |
|                                |                |  | <input type="checkbox"/> Yes <input type="checkbox"/> No                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No                                |                               |   |
|                                |                |  | <input type="checkbox"/> Yes <input type="checkbox"/> No                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No                                |                               |   |
|                                |                |  | <input type="checkbox"/> Yes <input type="checkbox"/> No                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No                                |                               |   |

Sample Collector(s): GREG STAWSKI

Name of NYSDOH Certified Laboratory: H2M Labs 575 Broad Hollow Road; Melville, N.Y. 11747

Did any MCL violation occur? If so, please describe: No

Did an emergency or low pressure problem occur? Did source water bypass an existing treatment process in the system? If so, please explain.

No

Comments:

| Date         | Well 4       | Well 6       | Well 7        | Well10   | Well11       | Well12       | Daily Total   |
|--------------|--------------|--------------|---------------|----------|--------------|--------------|---------------|
| 1            | 0            | 6            | 1,012         | 0        | 200          | 0            | 1,218         |
| 2            | 0            | 2            | 916           | 0        | 0            | 0            | 918           |
| 3            | 0            | 0            | 0             | 0        | 0            | 0            | 0             |
| 4            | 0            | 0            | 0             | 0        | 0            | 0            | 0             |
| 5            | 0            | 5            | 2,436         | 0        | 0            | 0            | 2,441         |
| 6            | 0            | 3            | 976           | 0        | 0            | 0            | 979           |
| 7            | 0            | 1            | 1,130         | 0        | 0            | 0            | 1,131         |
| 8            | 0            | 1            | 1,001         | 0        | 0            | 0            | 1,002         |
| 9            | 0            | 0            | 0             | 0        | 0            | 0            | 0             |
| 10           | 0            | 0            | 0             | 0        | 0            | 0            | 0             |
| 11           | 0            | 592          | 2,411         | 0        | 742          | 107          | 3,852         |
| 12           | 0            | 18           | 745           | 0        | 411          | 180          | 1,354         |
| 13           | 0            | 877          | 61            | 0        | 0            | 869          | 1,807         |
| 14           | 0            | 2            | 52            | 0        | 6            | 1,182        | 1,242         |
| 15           | 1,228        | 5            | 1,099         | 0        | 0            | 10           | 2,342         |
| 16           | 0            | 0            | 0             | 0        | 0            | 0            | 0             |
| 17           | 0            | 0            | 0             | 0        | 0            | 0            | 0             |
| 18           | 1,163        | 1            | 2,840         | 0        | 25           | 67           | 4,096         |
| 19           | 313          | 0            | 983           | 0        | 0            | 0            | 1,296         |
| 20           | 420          | 2            | 948           | 0        | 0            | 0            | 1,370         |
| 21           | 417          | 3            | 835           | 0        | 27           | 29           | 1,311         |
| 22           | 336          | 2            | 706           | 0        | 0            | 0            | 1,044         |
| 23           | 0            | 0            | 0             | 0        | 0            | 0            | 0             |
| 24           | 0            | 0            | 0             | 0        | 0            | 0            | 0             |
| 25           | 1,145        | 1            | 2,244         | 0        | 0            | 0            | 3,390         |
| 26           | 327          | 0            | 854           | 0        | 0            | 0            | 1,181         |
| 27           | 350          | 0            | 702           | 0        | 0            | 0            | 1,052         |
| 28           | 374          | 0            | 952           | 0        | 0            | 0            | 1,326         |
| 29           | 378          | 0            | 826           | 0        | 0            | 0            | 1,204         |
| 30           | 0            | 0            | 0             | 0        | 0            | 0            | 0             |
| 31           | 0            | 0            | 0             | 0        | 0            | 0            | 0             |
| <b>Total</b> | <b>6,451</b> | <b>1,521</b> | <b>23,729</b> | <b>0</b> | <b>1,411</b> | <b>2,444</b> | <b>35,556</b> |

|         | Totalizer<br>This Month | Totalizer<br>Last Month | Total(x1,000)<br>Gallons |
|---------|-------------------------|-------------------------|--------------------------|
| Well 4  | 1,655,073               | 1,648,622               | 6,451                    |
| Well 6  | 656,469                 | 654,948                 | 1,521                    |
| Well 7  | 2,124,957               | 2,101,228               | 23,729                   |
| Well 10 | 772,460                 | 772,460                 | 0                        |
| Well 11 | 733,509                 | 732,098                 | 1,411                    |
| Well 12 | 824,538                 | 822,094                 | 2,444                    |

AGS Water Supply Meter 614,281 614,007 274.00

Biology Building - Well 9 679,324 679,314 0.01

*679,3240*

**ATTACHMENT II**

**Brookhaven National Laboratory**

**Potable Water Supply**

**September 2006 Biweekly and Third Quarter Water Quality Monitoring Data**

**for the BNL Distribution System and Potable Water Wells**

**Attachment II**  
**Table 1 - Summary of Water Quality Analyses**  
**for the BNL Potable Water System**  
**September 2006**

| Sample Location | Sample Date | pH (SU) | Temperature (Degrees F) | Conductivity (µmhos) | Alkalinity (mg/L) | Calcium (mg/L) |
|-----------------|-------------|---------|-------------------------|----------------------|-------------------|----------------|
| WTP             | 9/5/06      | 7.2     | 59                      | 146                  | ANR               | ANR            |
| WTP             | 9/7/06      | 7.2     | 59                      | 146                  | ANR               | ANR            |
| WTP             | 9/12/06     | 7.3     | 57                      | 148                  | ANR               | ANR            |
| WTP             | 9/14/06     | 7.3     | 64                      | 210                  | ANR               | ANR            |
| WTP             | 9/19/06     | 7.2     | 57                      | 143                  | ANR               | ANR            |
| WTP             | 9/21/06     | 7.5     | 57                      | 161                  | ANR               | ANR            |
| WTP             | 9/26/06     | 7.4     | 56                      | 145                  | ANR               | ANR            |
| WTP             | 9/28/06     | 7.5     | 56                      | 153                  | ANR               | ANR            |
| Well 12         | 9/14/06     | 7.1     | 56                      | 152                  | ANR               | ANR            |
| Bldg. 49        | 8/4/06      | 7.5     | 55                      | 150                  | 16.6              | 6.78           |
| Bldg. 640       | 8/4/06      | 7.6     | 55                      | 154                  | 19.4              | 7.26           |
| Bldg. 363       | 8/4/06      | 7.5     | 57                      | 181                  | 17.0              | 8.50           |

**ANR-** Analysis Not Required

**NR-** Not Reported

**Note:** Field parameters are only conducted for facilities that are in operation on the day of measurement.

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040. FAX: (631) 420-8436 NYS DOH ID# 10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM  
70 Bell Ave.  
Upton, NY 11973  
Attn To : Bob Lee

Lab No. : 0608483-001

Sample Information...  
Type : Potable Water  
Origin: Distribution

Federal ID : 5111891

Client ID. : 21973-001

Collected : 8/4/2006 9:00:00 AM

Point No: 094-273

Received : 8/4/2006 3:15:00 PM

Location: B-49 Water Tower

Collected By CLIENT

Copy : Original

CC

| Parameter(s)                              | Results  | Qualifier | D.F. | Units    | Limit    | Method Number | Analyzed            |
|---|----------|-----------|------|----------|----------|---------------|---------------------|
| Specific Conductance                      | 150      |           | 1    | µmhos/cm |          | E120.1        | 08/25/2006          |
| PH (FIELD)                                | 7.5      |           | 1    | pH Units |          | E150.1        | 08/04/2006          |
| Temperature                               | 13       |           | 1    | °C       |          | E170.1        | 08/04/2006          |
| Total Coliform                            | Negative |           | 1    | N/A      | Negative | M9223         | 08/05/2006 12:00 PM |
| E_Coliform                                | Absent   |           | 1    | N/A      | Absent   | M9223         | 08/05/2006 12:00 PM |
| Alkalinity, Total (As CaCO <sub>3</sub> ) | 16.6     |           | 1    | mg/L     |          | M2320 B       | 08/08/2006 9:32 AM  |
| Total Residual Chlorine                   | 0.6      |           | 1    | mg/L     |          | M4500-Cl G    | 08/04/2006          |
| Turbidity                                 | < 1.0    |           | 1    | NTU      | 5        | E180.1        | 08/04/2006 4:48 PM  |

Result(s) reported meet(s) Regulatory Limit(s).  
Result(s) flagged with \* Exceed Regulatory Limit(s). Limit noted.  
D.F. = Dilution Factor

Date Reported : 9/12/2006

*Joann M. Slavin*

Laboratory Manager

BNLM180 A21

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID#10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Federal ID 5111891

Collected : 8/4/06 9:00:00 AM

Received : 8/4/06 3:15:00 PM

Collected By : CLIENT

Copy : Original

CC

Lab No. : 0608483-001B

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Client ID. : 21973-001

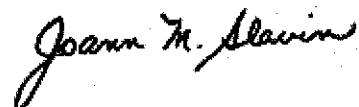
Point No : 094-273

Location : B-49 Water Tower

| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>     |
|---------------------|----------------|------------------|-------------|--------------|--------------|----------------------|---------------------|
| Calcium             | 6780           |                  | 1           | µg/L         |              | E200.7               | 08/22/2006 11:33 AM |

Result(s) reported meet(s) Regulatory Limit(s).  
Result(s) flagged with \* Exceed Regulatory Limit(s). Limit noted.  
D.F. = Dilution Factor

Date Reported : 9/12/06



Laboratory Manager



# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Lab No. : 0608483-002

Sample Information...

Type : Potable Water

Origin: Distribution

Federal ID : 5111891

Client ID : 21973-002

Collected : 8/4/2006 6:50:00 AM

Point No: 076-408

Received : 8/4/2006 3:15:00 PM

Location: B-640 Water Tower

Collected By CLIENT

Copy : Original

CC

| Parameter(s)                              | Results  | Qualifier | D.F. | Units    | Limit    | Method Number | Analyzed            |
|---|----------|-----------|------|----------|----------|---------------|---------------------|
| Specific Conductance                      | 154      |           | 1    | µmhos/cm |          | E120.1        | 08/25/2006          |
| PH (FIELD)                                | 7.6      |           | 1    | pH Units |          | E150.1        | 08/04/2006          |
| Temperature                               | 13       |           | 1    | °C       |          | E170.1        | 08/04/2006          |
| Total Coliform                            | Negative |           | 1    | N/A      | Negative | M9223         | 08/05/2006 12:00 PM |
| E_Coliform                                | Absent   |           | 1    | N/A      | Absent   | M9223         | 08/05/2006 12:00 PM |
| Alkalinity, Total (As CaCO <sub>3</sub> ) | 19.4     |           | 1    | mg/L     |          | M2320 B       | 08/08/2006 9:37 AM  |
| Total Residual Chlorine                   | 0.6      |           | 1    | mg/L     |          | M4500-Cl G    | 08/04/2006          |
| Turbidity                                 | < 1.0    |           | 1    | NTU      | 5        | E180.1        | 08/04/2006 4:49 PM  |

Result(s) reported meet(s) Regulatory Limit(s).  
Result(s) flagged with \* Exceed Regulatory Limit(s). Limit noted.  
D.F. = Dilution Factor

Date Reported : 9/12/2006

*Joann M. Slavin*

Laboratory Manager

BNLM180 A23

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID#10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Federal ID 5111891

Collected : 8/4/06 6:50:00 AM

Received : 8/4/06 3:15:00 PM

Collected By : CLIENT

Copy : Original

CC

Lab No. : 0608483-002B

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Client ID. : 21973-002

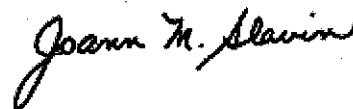
Point No : 076-408

Location : B-640 Water Tower

| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>     |
|---------------------|----------------|------------------|-------------|--------------|--------------|----------------------|---------------------|
| Calcium             | 7260           |                  | 1           | µg/L         |              | E200.7               | 08/22/2006 11:47 AM |

Result(s) reported meet(s) Regulatory Limit(s).  
Result(s) flagged with \* Exceed Regulatory Limit(s). Limit noted.  
D.F. = Dilution Factor

Date Reported : 9/12/06



Laboratory Manager

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040, FAX: (631) 420-8436 NYSDOHID# 10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM  
70 Bell Ave.  
Upton, NY 11973  
Attn To : Bob Lee

Lab No. : 0608483-007

Sample Information...  
Type : Potable Water  
Origin: Distribution

Federal ID : 5111891

Client ID. : 21973-007

Collected : 8/4/2006 10:30:00 AM

Point No: 109-19

Received : 8/4/2006 3:15:00 PM

Location: B-363 Apt.Laundry

Collected By CLIENT

Copy : Original

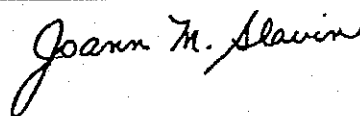
CC

| Parameter(s)                 | Results  | Qualifier | D.F. | Units    | Limit    | Method Number | Analyzed            |
|------------------------------|----------|-----------|------|----------|----------|---------------|---------------------|
| Specific Conductance         | 181      |           | 1    | µmhos/cm |          | E120.1        | 08/25/2006          |
| PH (FIELD)                   | 7.5      |           | 1    | pH Units |          | E150.1        | 08/04/2006          |
| Temperature                  | 14       |           | 1    | °C       |          | E170.1        | 08/04/2006          |
| Total Coliform               | Negative |           | 1    | N/A      | Negative | M9223         | 08/05/2006 12:00 PM |
| E_Coliform                   | Absent   |           | 1    | N/A      | Absent   | M9223         | 08/05/2006 12:00 PM |
| Alkalinity, Total (As CaCO3) | 17.0     |           | 1    | mg/L     |          | M2320 B       | 08/08/2006 9:42 AM  |
| Total Residual Chlorine      | 0.6      |           | 1    | mg/L     |          | M4500-CI G    | 08/04/2006          |
| Turbidity                    | 4.5      |           | 1    | NTU      | 5        | E180.1        | 08/04/2006 4:50 PM  |

Result(s) reported meet(s) Regulatory Limit(s).  
Result(s) flagged with \* Exceed Regulatory Limit(s). Limit noted.  
D.F. = Dilution Factor

Date Reported : 9/12/2006

Laboratory Manager



BNLM180 A29

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631)694-3040 .FAX: (631)420-8436 NYSDOH ID#10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Federal ID : 5111891

Collected : 8/4/06 10:30:00 AM

Received : 8/4/06 3:15:00 PM

Collected By : CLIENT

Copy : Original

CC

Lab No. : 0608483-007B

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Client ID. : 21973-007

Point No : 109-19

Location : B-363 Apt.Laundry

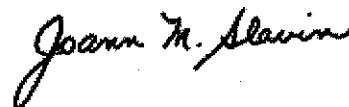
| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>     |
|---------------------|----------------|------------------|-------------|--------------|--------------|----------------------|---------------------|
| Calcium             | 8500           |                  | 1           | µg/L         |              | E200.7               | 08/22/2006 12:08 PM |

Result(s) reported meet(s) Regulatory Limit(s).

Result(s) flagged with \* Exceed Regulatory Limit(s). Limit noted.

D.F. = Dilution Factor

Date Reported : 9/12/06



Laboratory Manager

**ATTACHMENT III**

**Brookhaven National Laboratory**

**Potable Water Supply**

**September 2006 Stage 1 Disinfectants & Disinfection Byproduct Rule**

**Monitoring Data and Bacteriological Analyses for the BNL Distribution System**

**Attachment III**

**September 2006 Stage 1 Disinfectants & Disinfection Byproduct Rule Monitoring Data  
Table II - Maximum Residual Disinfectant Level (MRDL) Compliance**

| Location                    | Total Residual Chlorine (mg/L) |         |         |         |         |         |         |        |         |         |         |          |
|-----------------------------|--------------------------------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|----------|
|                             | Oct. 05                        | Nov. 05 | Dec. 05 | Jan. 06 | Feb. 06 | Mar. 06 | Apr. 06 | May 06 | June 06 | July 06 | Aug. 06 | Sept. 06 |
| Bldg. 49 Water Tower        | 0.7                            | 0.9     | 0.9     | 1.0     | 0.8     | 1.2     | 0.7     | 0.6    | 0.8     | 0.6     | 0.6     | 0.5      |
| Bldg. 640 Water Tower       | 1.2                            | 0.4     | 0.4     | 0.9     | 0.7     | 0.9     | 0.4     | 0.5    | 0.8     | 0.8     | 0.6     | 0.5      |
| Bldg. 363 Apt. Laundry      | 0.6                            | 1.0     | 0.3     | 0.5     | 0.5     | 0.3     | 0.5     | 0.4    | 0.7     | 0.5     | 0.6     | 0.5      |
| Bldg. 1005 RHIC             | 0.5                            | 0.6     | 0.7     | 0.8     | 0.7     | 0.6     | 0.3     | 0.6    | 0.3     | 0.7     | 0.5     | 0.6      |
| Bldg. 930 LINAC             | NS                             | 0.8     | NS      | 0.9     | NS      | 0.8     | NS      | 0.7    | NS      | 0.6     | NS      | 0.6      |
| Bldg. 725 NSLS              | 0.8                            | NS      | 0.4     | NS      | 0.8     | NS      | 1.0     | NS     | 0.7     | NS      | 0.7     | NS       |
| Bldg. 490 Outpatient Clinic | NS                             | 0.5     | NS      | 0.7     | NS      | 0.9     | NS      | 0.5    | NS      | 0.6     | NS      | 0.5      |
| Bldg. 490 Block 11          | NS                             | 0.9     | NS      | 0.5     | NS      | 0.8     | NS      | 0.4    | NS      | 0.5     | NS      | 0.6      |
| Bldg. 490 Block 1 ACF       | 0.5                            | NS      | 0.8     | NS      | 0.6     | NS      | 1.1     | NS     | 0.5     | NS      | 0.5     | NS       |
| Bldg. 490 Block 4 MRC       | 1.0                            | NS      | 0.4     | NS      | 0.5     | NS      | 0.9     | NS     | 0.4     | NS      | 0.6     | NS       |
| <b>Monthly Average</b>      | 0.8                            | 0.7     | 0.6     | 0.8     | 0.7     | 0.8     | 0.7     | 0.5    | 0.6     | 0.6     | 0.6     | 0.5      |

NA - Not Applicable

NS- Not Scheduled for sampling

**Running Annual Average (mg/L) 0.7 (Total Residual Chlorine)**  
**MRDL (mg/L) 4.0**

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Federal ID 5111891

Collected : 9/8/06 9:05:00 AM

Received : 9/8/06 3:20:00 PM

Collected By : CLIENT

Copy : **PRELIMINARY REPORT**

CC : Original

Lab No. : 0609635-001A

Client ID : 21975-001

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

| <u>Parameter(s)</u>     | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>     |
|-------------------------|----------------|------------------|-------------|--------------|--------------|----------------------|---------------------|
| Total Coliform          | Negative       |                  | 1           | N/A          | Negative     | M9223                | 09/09/2006 12:00 PM |
| E_Coliform              | Absent         |                  | 1           | N/A          | Absent       | M9223                | 09/09/2006 12:00 PM |
| Total Residual Chlorine | 0.5            |                  | 1           | mg/L         |              | M4500-Cl G           | 09/08/2006          |

Result(s) reported meet(s) Regulatory Limit(s).  
Result(s) flagged with \* Exceed Regulatory Limit(s) Limit noted.  
D.F. = Dilution Factor

Date Reported :

# PRELIMINARY

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040 FAX: (631) 420-8436 NYSDOH ID# 10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Federal ID 5111891

Collected : 9/8/06 8:45:00 AM

Received : 9/8/06 3:20:00 PM

Collected By : CLIENT

Copy : **PRELIMINARY REPORT**

CC : Original

Lab No. : 0609635-002A

Client ID. : 21975-002

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

| <u>Parameter(s)</u>     | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>     |
|-------------------------|----------------|------------------|-------------|--------------|--------------|----------------------|---------------------|
| Total Coliform          | Negative       |                  | 1           | N/A          | Negative     | M9223                | 09/09/2006 12:00 PM |
| E_Coliform              | Absent         |                  | 1           | N/A          | Absent       | M9223                | 09/09/2006 12:00 PM |
| Total Residual Chlorine | 0.5            |                  | 1           | mg/L         |              | M4500-Cl G           | 09/08/2006          |

Result(s) reported meet(s) Regulatory Limit(s).  
Result(s) flagged with \* Exceed Regulatory Limit(s) Limit noted.  
D.F. = Dilution Factor

Date Reported :

**PRELIMINARY**



# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631)694-3040 .FAX: (631)420-8436 NYSDOH ID# 10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Lab No. : 0609635-003A

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Federal ID 5111891

Client ID. : 21975-003

Collected : 9/8/06 9:25:00 AM

Point No : 109-19

Received : 9/8/06 3:20:00 PM

Location : B-363 Apt.Laundry

Collected By : CLIENT

Copy : **PRELIMINARY REPORT**

CC ; Original

| <u>Parameter(s)</u>     | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>     |
|-------------------------|----------------|------------------|-------------|--------------|--------------|----------------------|---------------------|
| Total Coliform          | Negative       |                  | 1           | N/A          | Negative     | M9223                | 09/09/2006 12:00 PM |
| E_Coliform              | Absent         |                  | 1           | N/A          | Absent       | M9223                | 09/09/2006 12:00 PM |
| Total Residual Chlorine | 0.5            |                  | 1           | mg/L         |              | M4500-Cl G           | 09/08/2006          |

Result(s) reported meet(s) Regulatory Limit(s).

Result(s) flagged with \* Exceed Regulatory Limit(s) Limit noted.

D.F. = Dilution Factor

Date Reported :

# PRELIMINARY

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM  
70 Bell Ave.  
Upton, NY 11973  
Attn To : Bob Lee

Lab No. : 0609635-004A

Sample Information...  
Type : Potable Water  
Origin : Distribution  
Routine

Federal ID : 5111891

Client ID. : 21975-004

Collected : 9/8/06 8:50:00 AM

Point No : 045-12

Received : 9/8/06 3:20:00 PM

Location : B-1005 RHIC

Collected By : CLIENT

Copy : **PRELIMINARY REPORT**

CC : Original

| <u>Parameter(s)</u>     | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>     |
|-------------------------|----------------|------------------|-------------|--------------|--------------|----------------------|---------------------|
| Total Coliform          | Negative       |                  | 1           | N/A          | Negative     | M9223                | 09/09/2006 12:00 PM |
| E_Coliform              | Absent         |                  | 1           | N/A          | Absent       | M9223                | 09/09/2006 12:00 PM |
| Total Residual Chlorine | 0.6            |                  | 1           | mg/L         |              | M4500-Cl G           | 09/08/2006          |

Result(s) reported meet(s) Regulatory Limit(s).  
Result(s) flagged with \* Exceed Regulatory Limit(s) Limit noted.  
D.F. = Dilution Factor

Date Reported :

# PRELIMINARY

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631)694-3040 .FAX: (631)420-8436 NYSDOH ID#10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Federal ID 5111891

Collected : 9/8/06 9:00:00 AM

Received : 9/8/06 3:20:00 PM

Collected By : CLIENT

Copy : **PRELIMINARY REPORT**

CC : Original

Lab No. : 0609635-005A

Client ID. : 21975-005

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

| <u>Parameter(s)</u>     | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>     |
|-------------------------|----------------|------------------|-------------|--------------|--------------|----------------------|---------------------|
| Total Coliform          | Negative       |                  | 1           | N/A          | Negative     | M9223                | 09/09/2006 12:00 PM |
| E_Coliform              | Absent         |                  | 1           | N/A          | Absent       | M9223                | 09/09/2006 12:00 PM |
| Total Residual Chlorine | 0.6            |                  | 1           | mg/L         |              | M4500-Cl G           | 09/08/2006          |

Result(s) reported meet(s) Regulatory Limit(s).

Result(s) flagged with \* Exceed Regulatory Limit(s). Limit noted.

D.F. = Dilution Factor

Date Reported :

# PRELIMINARY

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Lab No. : 0609635-006A

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Federal ID : 5111891

Client ID. : 21975-006

Collected : 9/8/06 1:00:00 PM

Point No : 084-70

Received : 9/8/06 3:20:00 PM

Location : B-490 Outpatient Clinic

Collected By : CLIENT

Copy : **PRELIMINARY REPORT**

CC : Original

| <u>Parameter(s)</u>     | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>     |
|-------------------------|----------------|------------------|-------------|--------------|--------------|----------------------|---------------------|
| Total Coliform          | Negative       |                  | 1           | N/A          | Negative     | M9223                | 09/09/2006 12:00 PM |
| E_Coliform              | Absent         |                  | 1           | N/A          | Absent       | M9223                | 09/09/2006 12:00 PM |
| Total Residual Chlorine | 0.5            |                  | 1           | mg/L         |              | M4500-Cl G           | 09/08/2006          |

Result(s) reported meet(s) Regulatory Limit(s).

Result(s) flagged with \* Exceed Regulatory Limit(s) Limit noted.

D.F. = Dilution Factor

Date Reported :

**PRELIMINARY**

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631)694-3040 . FAX: (631)420-8436 NYSDOH ID# 10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Federal ID 5111891

Collected : 9/8/06 1:20:00 PM

Received : 9/8/06 3:20:00 PM

Collected By : CLIENT

Copy : **PRELIMINARY REPORT**

CC : Original

Lab No. : 0609635-007A

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Client ID. : 21975-007

Point No : 084-67

Location : B-490 Block 11

| <u>Parameter(s)</u>     | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>     |
|-------------------------|----------------|------------------|-------------|--------------|--------------|----------------------|---------------------|
| Total Coliform          | Negative       |                  | 1           | N/A          | Negative     | M9223                | 09/09/2006 12:00 PM |
| E_Coliform              | Absent         |                  | 1           | N/A          | Absent       | M9223                | 09/09/2006 12:00 PM |
| Total Residual Chlorine | 0.6            |                  | 1           | mg/L         |              | M4500-Cl G           | 09/08/2006          |

Result(s) reported meet(s) Regulatory Limit(s).

Result(s) flagged with \* Exceed Regulatory Limit(s). Limit noted.

D.F. = Dilution Factor

Date Reported :

# PRELIMINARY

**ATTACHMENT IV**

**Brookhaven National Laboratory**

**Potable Water Supply**

**Summary of 2006 Annual First Draw Lead and Copper Analyses**

**and Supporting Documentation**

**SUMMARY OF 2006 ANNUAL LEAD AND COPPER SAMPLING  
FOR THE BROOKHAVEN NATIONAL LABORATORY  
POTABLE WATER SYSTEM**

**ANALYTICAL DATA FOR COPPER**

| <b>SAMPLE NUMBER</b> | <b>SAMPLE DATE</b> | <b>LOCATION DESCRIPTION</b>           | <b>ANALYTICAL RESULT (mg/L)</b> | <b>SERVICE LINE MATERIAL</b> | <b>TIER #</b> |
|----------------------|--------------------|---------------------------------------|---------------------------------|------------------------------|---------------|
| 1                    | 8/4/06             | Building 170 - Bathroom               | < 0.02                          | Copper                       | 3             |
| 2                    | 8/4/06             | Apartment 24D - Kitchen               | < 0.02                          | Galvanized Steel             | 3             |
| 3                    | 8/4/06             | Apartment 28B - Kitchen               | < 0.02                          | Galvanized Steel             | 3             |
| 4                    | 8/4/06             | Building 51 - Bathroom                | < 0.02                          | Copper                       | 3             |
| 5                    | 8/4/06             | Apartment 6A - Kitchen                | 0.02                            | Galvanized Steel             | 3             |
| 6                    | 8/4/06             | Building 153 - Bathroom               | 0.02                            | Galvanized Steel             | 3             |
| 7                    | 8/4/06             | Apartment 13D - Kitchen               | 0.02                            | Galvanized Steel             | 3             |
| 8                    | 8/4/06             | Apartment 34E - Kitchen               | 0.03                            | Galvanized Steel             | 3             |
| 9                    | 8/4/06             | Apartment 4C - Kitchen                | 0.03                            | Galvanized Steel             | 3             |
| 10                   | 8/4/06             | Apartment 40G* - Kitchen              | 0.03                            | Galvanized Steel             | 3             |
| 11                   | 8/4/06             | Apartment 26A - Kitchen               | 0.04                            | Galvanized Steel             | 3             |
| 12                   | 8/4/06             | Apartment 5B - Kitchen                | 0.05                            | Galvanized Steel             | 3             |
| 13                   | 8/4/06             | Apartment 36A - Kitchen               | 0.05                            | Galvanized Steel             | 3             |
| 14                   | 8/4/06             | Apartment 42A - Kitchen               | 0.07                            | Galvanized Steel             | 3             |
| 15                   | 8/4/06             | Apartment 1A - Kitchen                | 0.10                            | Galvanized Steel             | 3             |
| 16                   | 8/4/06             | Building 371 - Bathroom               | 0.11                            | Copper                       | 1             |
| 17                   | 8/4/06             | Building 460 - Kitchen                | 0.21                            | Galvanized Steel             | 3             |
| <b>18</b>            | 8/4/06             | <b><i>Building 911 - Bathroom</i></b> | <b><i>0.23</i></b>              | Cast Iron                    | 3             |
| 19                   | 8/4/06             | Building 535 - Bathroom               | 0.32                            | Galvanized Steel             | 3             |
| 20                   | 8/4/06             | Building 703 - Bathroom               | 0.46                            | Cast Iron                    | 3             |

\* Apartment 40G replaces Apartment 9D in triennial sampling since the building was torn down.

**SUMMARY OF 2006 ANNUAL LEAD AND COPPER SAMPLING  
FOR THE BROOKHAVEN NATIONAL LABORATORY  
POTABLE WATER SYSTEM**

**ANALYTICAL DATA FOR LEAD**

| <b>SAMPLE NUMBER</b> | <b>SAMPLE DATE</b> | <b>LOCATION DESCRIPTION</b>    | <b>ANALYTICAL RESULT (mg/L)</b> | <b>SERVICE LINE MATERIAL</b> | <b>TIER #</b> |
|----------------------|--------------------|--------------------------------|---------------------------------|------------------------------|---------------|
| 1                    | 8/4/06             | Building 51 - Bathroom         | < 0.001                         | Copper                       | 3             |
| 2                    | 8/4/06             | Apartment 28B - Kitchen        | < 0.001                         | Galvanized Steel             | 3             |
| 3                    | 8/4/06             | Building 170 - Bathroom        | < 0.001                         | Copper                       | 3             |
| 4                    | 8/4/06             | Building 703 - Bathroom        | 0.0010                          | Cast Iron                    | 3             |
| 5                    | 8/4/06             | Apartment 13D - Kitchen        | 0.0010                          | Galvanized Steel             | 3             |
| 6                    | 8/4/06             | Building 535 - Bathroom        | 0.0012                          | Galvanized Steel             | 3             |
| 7                    | 8/4/06             | Building 153 - Bathroom        | 0.0013                          | Galvanized Steel             | 3             |
| 8                    | 8/4/06             | Building 911 - Bathroom        | 0.0015                          | Cast Iron                    | 3             |
| 9                    | 8/4/06             | Apartment 34E - Kitchen        | 0.0016                          | Galvanized Steel             | 3             |
| 10                   | 8/4/06             | Apartment 24D - Kitchen        | 0.0019                          | Galvanized Steel             | 3             |
| 11                   | 8/4/06             | Apartment 26A - Kitchen        | 0.0025                          | Galvanized Steel             | 3             |
| 12                   | 8/4/06             | Apartment 36A - Kitchen        | 0.0028                          | Galvanized Steel             | 3             |
| 13                   | 8/4/06             | Apartment 6A - Kitchen         | 0.0040                          | Galvanized Steel             | 3             |
| 14                   | 8/4/06             | Building 460 - Kitchen         | 0.0052                          | Galvanized Steel             | 3             |
| 15                   | 8/4/06             | Apartment 5B - Kitchen         | 0.0075                          | Galvanized Steel             | 3             |
| 16                   | 8/4/06             | Apartment 4C - Kitchen         | 0.0076                          | Galvanized Steel             | 3             |
| 17                   | 8/4/06             | Apartment 40G* - Kitchen       | 0.0088                          | Galvanized Steel             | 3             |
| <b>18</b>            | 8/4/06             | <b>Building 371 - Bathroom</b> | <b>0.0114</b>                   | Copper                       | 1             |
| 19                   | 8/4/06             | Apartment 42A - Kitchen        | 0.0187                          | Galvanized Steel             | 3             |
| 20                   | 8/4/06             | Apartment 1A - Kitchen         | 0.0287                          | Galvanized Steel             | 3             |

\* Apartment 40G replaces Apartment 9D in triennial sampling since the building was torn down.



**SAMPLE SITE IDENTIFICATION AND CERTIFICATION**

|  |  |                           |
|--|--|---------------------------|
| System's Name: <u>Brookhaven National Laboratory</u> | Population:                                      | Required #<br>of Samples- |
| Address: <u>Bldg. 452</u>                            | <input checked="" type="checkbox"/> 501 to 3,300 | 20                        |
| <u>P. O. Box 5000</u>                                | <input type="checkbox"/> 101 to 500              | 10                        |
| <u>Upton, NY 11973-5000</u>                          | <input type="checkbox"/> ≤ 100                   | 5                         |
| Telephone number: <u>344-7136</u>                    |  |                           |
| System ID #: <u>5111891</u>                          |  |                           |
| Contact Person: <u>Mr. William Chaloupka</u>         |  |                           |

**CERTIFICATION OF SAMPLING SITES**

**LEAD SOLDER SITES**

|  |                   |
|--|-------------------|
| # of single-family structures with copper pipes with lead solder installed after 1982 or lead pipes and/or lead service lines (Tier 1)         | <u>1</u>          |
| # of multi-family structures with copper pipes with lead solder installed after 1982 or lead pipes and/or lead service lines (Tier 1)          | <u>          </u> |
| # of buildings containing copper pipes with lead solder installed after 1982 or lead pipes and/or lead service lines (Tier 2)                  | <u>          </u> |
| # of sites that contain copper pipes with lead solder installed before 1983 (to be used only if other conditions have been exhausted) (Tier 3) | <u>19</u>         |
| <b>TOTAL</b>   | <u>20</u>         |

The following sources have been explored to determine the number of structures which have interior lead pipe or copper pipe with lead solder.

- Plumbing and/or building codes
- Plumbing and/or building permits
- Contacts within the building department, municipal clerks office, or state regulatory agencies for historical documentation of the service area development
- Water Quality Data

- Other Resources Which PWS May Utilities**
- Interviews with building inspectors
  - Survey of service area plumbers about when and where lead solder was used from 1982 to present
  - Survey residents in sections of the service area where lead pipe and/or copper pipe with lead solder is suspected to exist
  - Interviews with local contractors and developers

Explanation of Tier 2 and Tier 3 sites (attach additional pages if necessary):  
 Building 371 was built in 1984 - single family - Tier 1. All other sampling sites built before 1983 - Tier 3.

Month: August 2006

**BROOKHAVEN NATIONAL LABORATORY  
MONTHLY POTABLE WATER SAMPLE REQUEST  
and SAMPLE LOG**

| MICROBIOLOGICAL                       |  | Total Coliform including E. Coli. |                 | Presence or Absence |                      | Total Required:  | 8  |
|---------------------------------------|--|-----------------------------------|-----------------|---------------------|----------------------|--|----|
|                                       | Location                                   | Origin                            | Taken by        | Field Tests<br>Time | Required<br>Chlorine |  |    |
| 094-273                               | B-49 Water Tower                           | Distribution                      |                 | 0900                | .63                  | 0608483 - 001<br>002<br>003<br>007<br>004<br>005<br>006<br>008 |    |
| 076-408                               | B-640 Water Tower                          | Distribution                      |                 | 0650                | .60                  |  |    |
| 045-12                                | B-1005 RHIC                                | Distribution                      |                 | 0645                | .53                  |  |    |
| 109-19                                | B-363 Apartment Laundry                    | Distribution                      |                 | 1030                | .58                  |  |    |
| 075-602                               | B -725 NSLS                                | Distribution                      |                 | 0915                | .70                  |  |    |
| 084-69                                | B-490 - Block - 1 ACF                      | Distribution                      |                 | 1050                | .54                  |  |    |
| 084-68                                | B-490 - Block 4 - MRC                      | Distribution                      |                 | 1100                | .60                  |  |    |
| 084-69                                | Field Duplicate Bldg. 490<br>(Block 1 ACF) | Distribution                      |                 | 1050                | .54                  |  |    |
| <b>DISINFECTION BYPRODUCT TESTING</b> |  |                                   |                 |                     |                      | Total Required:  | 1  |
|                                       | B-363 Apartment Laundry                    |                                   |                 |                     |                      |  |    |
|                                       | TTHM's                                     |                                   |                 | 1030                | .58                  |  |    |
|                                       | HAA5                                       |                                   |                 | 1030                | .58                  |  |    |
| <b>LEAD and COPPER</b>                |  |                                   |                 |                     |                      | Total Required:  | 20 |
|                                       | Location                                   | Origin                            | Flushed<br>Time | Flushed<br>By:      | Sample<br>Time       | Sampled<br>By:   |    |
| 073-21                                | Bldg - 51 West Bath Rm                     | Distribution                      | 0700            | TB/6s               | 1310                 | TB   |    |
| 084-71                                | Bldg - 460 Kitchen Sink                    | Distribution                      | 0715            | TB/6s               | 1315                 | GS   |    |
| 075-603                               | Bldg - 535 Men's Room                      | Distribution                      | 0730            | TB/6s               | 1320                 | TB   |    |
| 065-311                               | Bldg - 703 Men's Room                      | Distribution                      | 0745            | TB/6s               | 1325                 | GS   |    |
| 064-93                                | Bldg - 911 Bath Room                       | Distribution                      | 0750            | TB/6s               | 1335                 | TB   |    |
| 110-19                                | Bldg-361 Apt 1A Kitchen                    | Distribution                      | 0700            | ST                  | 1305                 | J.T.   |    |
| 110-23                                | Bldg-350 Apt 4C Kitchen                    | Distribution                      | 0700            | PP                  | 1305                 | PP   |    |
| 110-20                                | Bldg-359 Apt 5B Kitchen                    | Distribution                      | 0710            | ST                  | 1315                 | J.T.   |    |
| 110-22                                | Bldg-351 Apt 6A Kitchen                    | Distribution                      | 0710            | PP                  | 1315                 | PP   |    |
| 109-27                                | Bldg-364 Apt 40G Bath                      | Distribution                      | 0720            | PP                  | 1325                 | PP   |    |
| 109-22                                | Bldg-306 Apt 13D Kitchen                   | Distribution                      | 0720            | J.T.                | 1330                 | J.T.   |    |
| 109-20                                | Bldg-327 Apt 24D Kitchen                   | Distribution                      | 0730            | PP                  | 1340                 | PP   |    |
| 109-21                                | Bldg-302 Apt 26A Kitchen                   | Distribution                      | 0735            | J.T.                | 1340                 | J.T.   |    |
| 109-25                                | Bldg-328 Apt 28B Kitchen                   | Distribution                      | 0745            | J.T.                | 1350                 | J.T.   |    |
| 109-23                                | Bldg-303 Apt 34E Kitchen                   | Distribution                      | 0745            | PP                  | 1345                 | PP   |    |
| 109-24                                | Bldg-335 Apt 36A Kitchen                   | Distribution                      | 0755            | PP                  | 1400                 | PP   |    |
| 101-08                                | Bldg-366 Apt 42A Kitchen                   | Distribution                      | 0755            | TB                  | 1400                 | TB   |    |
| 083-25                                | Brookhaven House Bath                      | Distribution                      | 0800            | PP                  | 1405                 | PP   |    |
| 094-274                               | Cavendish House S. Bath                    | Distribution                      | 0800            | J.T.                | 1405                 | J.T.   |    |
| 093-86                                | Compton Hse 1st Fl Bath                    | Distribution                      | 0810            | J.T.                | 1415                 | J.T.   |    |

BNLM180 A6

The above samples were delivered to the contractor on 04-11-2006 by J. Sturman?

| WATER QUALITY |                         |              | Alkalinity and Calcium |          |     | Total Required: |          | 3 |
|---------------|-------------------------|--------------|------------------------|----------|-----|-----------------|----------|---|
|               |                         |              | Field Tests Required   |          |     |                 |          |   |
|               | Location                | Origin       |                        | Taken by | pH  | Temp.           | Conduct. |   |
| 094-273       | B-49 Water Tower        | Distribution | Alkalinity             |          | 7.5 | 56°             | 150      |   |
|               |                         |              | Calcium                |          |     |                 |          |   |
| 076-408       | B-640 Water Tower       | Distribution | Alkalinity             |          | 7.6 | 50°             | 154      |   |
|               |                         |              | Calcium                |          |     |                 |          |   |
| 109-19        | B-363 Apartment Laundry | Distribution | Alkalinity             |          | 7.0 | 58°             | 181      |   |
|               |                         |              | Calcium                |          |     |                 |          |   |

BNLM180 A7

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Lab No. : 0608483-009A

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Federal ID 5111891

Client ID. : 21973-010

Collected : 8/4/06 7:00:00 AM

Point No : 073-21

Received : 8/4/06 3:15:00 PM

Location : 51 West Bathroom

Collected By : CLIENT

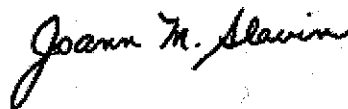
Copy : Original

CC

| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>     |
|---------------------|----------------|------------------|-------------|--------------|--------------|----------------------|---------------------|
| Copper              | < 0.02         |                  | 1           | mg/l         | 1.3          | E200.8               | 08/23/2006 12:32 PM |
| Lead                | < 1.00         |                  | 1           | ug/l         | 15           | E200.8               | 08/23/2006 12:32 PM |

Result(s) reported meet(s) Regulatory Limit(s).  
Result(s) flagged with \* Exceed Regulatory Limit(s). Limit noted.  
D.F. = Dilution Factor

Date Reported : 9/12/06



# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Federal ID 5111891

Collected : 8/4/06 7:15:00 AM

Received : 8/4/06 3:15:00 PM

Collected By : CLIENT

Copy : Original

CC

Lab No. : 0608483-010A

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Client ID : 21973-011

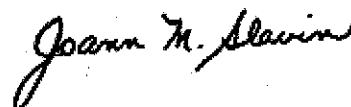
Point No : 084-71

Location : 460 Kitchen Sink

| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>     |
|---------------------|----------------|------------------|-------------|--------------|--------------|----------------------|---------------------|
| Copper              | 0.21           |                  | 1           | mg/l         | 1.3          | E200.8               | 08/23/2006 12:52 PM |
| Lead                | 5.17           |                  | 1           | ug/l         | 15           | E200.8               | 08/23/2006 12:52 PM |

Result(s) reported meet(s) Regulatory Limit(s).  
Result(s) flagged with \* Exceed Regulatory Limit(s). Limit noted.  
D.F. = Dilution Factor

Date Reported.: 9/12/06



# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Federal ID 5111891

Collected : 8/4/06 7:30:00 AM

Received : 8/4/06 3:15:00 PM

Collected By : CLIENT

Copy : Original

CC

Lab No. : 0608483-011A

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Client ID. : 21973-012

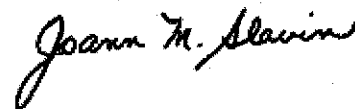
Point No : 075-603

Location : 535 Mens Room

| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>     |
|---------------------|----------------|------------------|-------------|--------------|--------------|----------------------|---------------------|
| Copper              | 0.32           |                  | 1           | mg/l         | 1.3          | E200.8               | 08/23/2006 12:57 PM |
| Lead                | 1.21           |                  | 1           | ug/l         | 15           | E200.8               | 08/23/2006 12:57 PM |

Result(s) reported meet(s) Regulatory Limit(s).  
Result(s) flagged with \* Exceed Regulatory Limit(s). Limit noted.  
D.F. = Dilution Factor

Date Reported : 9/12/06



# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Federal ID 5111891

Collected : 8/4/06 7:45:00 AM

Received : 8/4/06 3:15:00 PM

Collected By : CLIENT

Copy : Original

CC

Lab No. : 0608483-012A

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Client ID. : 21973-013

Point No : 065-311

Location : 703 Mens Room

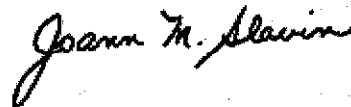
| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>    |
|---------------------|----------------|------------------|-------------|--------------|--------------|----------------------|--------------------|
| Copper              | 0.46           |                  | 1           | mg/l         | 1.3          | E200.8               | 08/23/2006 1:02 PM |
| Lead                | 1.00           |                  | 1           | ug/l         | 15           | E200.8               | 08/23/2006 1:02 PM |

Result(s) reported meet(s) Regulatory Limit(s).

Result(s) flagged with \* Exceed Regulatory Limit(s). Limit noted.

D.F. = Dilution Factor

Date Reported : 9/12/06



Laboratory Manager

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Federal ID 5111891

Collected : 8/4/06 7:50:00 AM

Received : 8/4/06 3:15:00 PM

Collected By : CLIENT

Copy : Original

CC

Lab No. : 0608483-013A

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Client ID. : 21973-014

Point No : 064-93

Location : 911 Bathroom

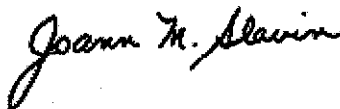
| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>    |
|---------------------|----------------|------------------|-------------|--------------|--------------|----------------------|--------------------|
| Copper              | 0.23           |                  | 1           | mg/l         | 1.3          | E200.8               | 08/23/2006 1:07 PM |
| Lead                | 1.46           |                  | 1           | ug/l         | 15           | E200.8               | 08/23/2006 1:07 PM |

Result(s) reported meet(s) Regulatory Limit(s).

Result(s) flagged with \* Exceed Regulatory Limit(s). Limit noted.

D.F. = Dilution Factor

Date Reported : 9/12/06



Laboratory Manager



# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Federal ID 5111891

Collected : 8/4/06 1:05:00 PM

Received : 8/4/06 3:15:00 PM

Collected By : CLIENT

Copy : Original

CC

Lab No. : 0608483-014A

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Client ID. : 21973-015

Point No : 110-19

Location : 361 APT 1A Kitchen

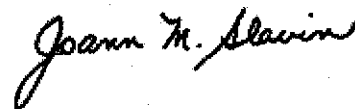
| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>    |
|---------------------|----------------|------------------|-------------|--------------|--------------|----------------------|--------------------|
| Copper              | 0.10           |                  | 1           | mg/l         | 1.3          | E200.8               | 08/23/2006 1:22 PM |
| * Lead              | * 28.7         |                  | 1           | ug/l         | 15           | E200.8               | 08/23/2006 1:22 PM |

Result(s) reported meet(s) Regulatory Limit(s).

Result(s) flagged with \* Exceed Regulatory Limit(s). Limit noted.

D.F. = Dilution Factor

Date Reported : 9/12/06



# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Federal ID 5111891

Collected : 8/4/06 1:05:00 PM

Received : 8/4/06 3:15:00 PM

Collected By : CLIENT

Copy : Original

CC

Lab No. : 0608483-015A

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Client ID. : 21973-016

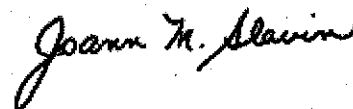
Point No : 110-23

Location : 350 APT 4C Kitchen

| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>    |
|---------------------|----------------|------------------|-------------|--------------|--------------|----------------------|--------------------|
| Copper              | 0.03           |                  | 1           | mg/l         | 1.3          | E200.8               | 08/23/2006 1:27 PM |
| Lead                | 7.62           |                  | 1           | ug/l         | 15           | E200.8               | 08/23/2006 1:27 PM |

Result(s) reported meet(s) Regulatory Limit(s).  
Result(s) flagged with \* Exceed Regulatory Limit(s). Limit noted.  
D.F. = Dilution Factor

Date Reported : 9/12/06



Laboratory Manager

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Federal ID 5111891

Collected : 8/4/06 1:15:00 PM

Received : 8/4/06 3:15:00 PM

Collected By : CLIENT

Copy : Original

CC

Lab No. : 0608483-016A

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Client ID. : 21973-017

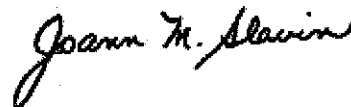
Point No : 110-20

Location : 359 APT 5B Kitchen

| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>    |
|---------------------|----------------|------------------|-------------|--------------|--------------|----------------------|--------------------|
| Copper              | 0.05           |                  | 1           | mg/l         | 1.3          | E200.8               | 08/23/2006 1:33 PM |
| Lead                | 7.48           |                  | 1           | ug/l         | 15           | E200.8               | 08/23/2006 1:33 PM |

Result(s) reported meet(s) Regulatory Limit(s).  
Result(s) flagged with \* Exceed Regulatory Limit(s). Limit noted.  
D.F. = Dilution Factor

Date Reported : 9/12/06



Laboratory Manager

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Lab No. : 0608483-017A

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Federal ID 5111891

Client ID. : 21973-018

Collected : 8/4/06 1:15:00 PM

Point No : 110-22

Received : 8/4/06 3:15:00 PM

Location : 351 APT 6A Kitchen

Collected By : CLIENT

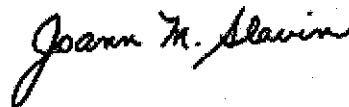
Copy : Original

CC

| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>    |
|---------------------|----------------|------------------|-------------|--------------|--------------|----------------------|--------------------|
| Copper              | 0.02           |                  | 1           | mg/l         | 1.3          | E200.8               | 08/23/2006 1:38 PM |
| Lead                | 4.02           |                  | 1           | ug/l         | 15           | E200.8               | 08/23/2006 1:38 PM |

Result(s) reported meet(s) Regulatory Limit(s).  
Result(s) flagged with \* Exceed Regulatory Limit(s). Limit noted.  
D.F. = Dilution Factor

Date Reported : 9/12/06



Laboratory Manager

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Lab No. : 0608483-018A

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Federal ID 5111891

Client ID. : 21973-019

Collected : 8/4/06 1:25:00 PM

Point No : 109-27

Received : 8/4/06 3:15:00 PM

Location : Bldg. 364 Apt. 406 Bath

Collected By : CLIENT

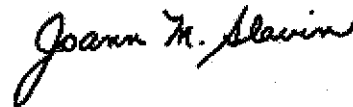
Copy : Original

CC

| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>    |
|---------------------|----------------|------------------|-------------|--------------|--------------|----------------------|--------------------|
| Copper              | 0.03           |                  | 1           | mg/l         | 1.3          | E200.8               | 08/23/2006 1:43 PM |
| Lead                | 8.81           |                  | 1           | ug/l         | 15           | E200.8               | 08/23/2006 1:43 PM |

Result(s) reported meet(s) Regulatory Limit(s).  
Result(s) flagged with \* Exceed Regulatory Limit(s). Limit noted.  
D.F. = Dilution Factor

Date Reported : 9/12/06



Laboratory Manager

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631)694-3040 . FAX: (631)420-8436 NYSDOH ID# 10478

Brookhaven National Lab.-BNLM  
70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Federal ID : 5111891

Collected : 8/4/06 1:30:00 PM

Received : 8/4/06 3:15:00 PM

Collected By : CLIENT

Copy : Original

CC

## LABORATORY RESULTS

Lab No. : 0608483-019A

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Client ID. : 21973-020

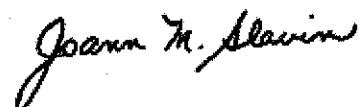
Point No : 109-22

Location : 306 APT 13D Kitchen

| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>    |
|---------------------|----------------|------------------|-------------|--------------|--------------|----------------------|--------------------|
| Copper              | 0.02           |                  | 1           | mg/l         | 1.3          | E200.8               | 08/23/2006 1:48 PM |
| Lead                | 1.03           |                  | 1           | ug/l         | 15           | E200.8               | 08/23/2006 1:48 PM |

Result(s) reported meet(s) Regulatory Limit(s).  
Result(s) flagged with \* Exceed Regulatory Limit(s). Limit noted.  
D.F. = Dilution Factor

Date Reported : 9/12/06



Laboratory Manager

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Federal ID : 5111891

Collected : 8/4/06 1:40:00 PM

Received : 8/4/06 3:15:00 PM

Collected By : CLIENT

Copy : Original

CC

Lab No. : 0608483-020A

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Client ID. : 21973-021

Point No : 109-20

Location : 327 APT 24D Kitchen

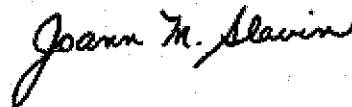
| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>    |
|---------------------|----------------|------------------|-------------|--------------|--------------|----------------------|--------------------|
| Copper              | < 0.02         |                  | 1           | mg/l         | 1.3          | E200.8               | 08/23/2006 1:53 PM |
| Lead                | 1.93           |                  | 1           | ug/l         | 15           | E200.8               | 08/23/2006 1:53 PM |

Result(s) reported meet(s) Regulatory Limit(s).

Result(s) flagged with \* Exceed Regulatory Limit(s). Limit noted.

D.F. = Dilution Factor

Date Reported : 9/12/06



# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Federal ID 5111891

Collected : 8/4/06 1:40:00 PM

Received : 8/4/06 3:15:00 PM

Collected By : CLIENT

Copy : Original

CC

Lab No. : 0608483-021A

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Client ID. : 21973-022

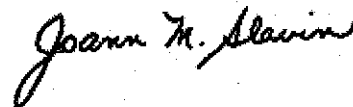
Point No : 109-21

Location : 302 APT 26A Kitchen

| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>    |
|---------------------|----------------|------------------|-------------|--------------|--------------|----------------------|--------------------|
| Copper              | 0.04           |                  | 1           | mg/l         | 1.3          | E200.8               | 08/23/2006 1:58 PM |
| Lead                | 2.49           |                  | 1           | ug/l         | 15           | E200.8               | 08/23/2006 1:58 PM |

Result(s) reported meet(s) Regulatory Limit(s).  
Result(s) flagged with \* Exceed Regulatory Limit(s). Limit noted.  
D.F. = Dilution Factor

Date Reported : 9/12/06



Laboratory Manager



# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631)694-3040 . FAX: (631)420-8436 NYSDOH ID# 10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Federal ID 5111891

Collected : 8/4/06 1:50:00 PM

Received : 8/4/06 3:15:00 PM

Collected By : CLIENT

Copy : Original

CC

Lab No. : 0608483-022A

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Client ID. : 21973-023

Point No : 109-25

Location : 328 APT 28B Kitchen

| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>    |
|---------------------|----------------|------------------|-------------|--------------|--------------|----------------------|--------------------|
| Copper              | < 0.02         |                  | 1           | mg/l         | 1.3          | E200.8               | 08/23/2006 2:03 PM |
| Lead                | < 1.00         |                  | 1           | ug/l         | 15           | E200.8               | 08/23/2006 2:03 PM |

Result(s) reported meet(s) Regulatory Limit(s).  
Result(s) flagged with \* Exceed Regulatory Limit(s). Limit noted.  
D.F. = Dilution Factor

Date Reported : 9/12/06

*Joann M. Slavin*

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Lab No. : 0608483-023A

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Federal ID 5111891

Client ID. : 21973-024

Collected : 8/4/06 1:45:00 PM

Point No : 109-23

Received : 8/4/06 3:15:00 PM

Location : 303 APT 34E Kitchen

Collected By : CLIENT

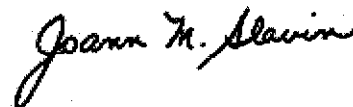
Copy : Original

CC

| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>    |
|---------------------|----------------|------------------|-------------|--------------|--------------|----------------------|--------------------|
| Copper              | 0.03           |                  | 1           | mg/l         | 1.3          | E200.8               | 08/23/2006 2:08 PM |
| Lead                | 1.59           |                  | 1           | ug/l         | 15           | E200.8               | 08/23/2006 2:08 PM |

Result(s) reported meet(s) Regulatory Limit(s).  
Result(s) flagged with \* Exceed Regulatory Limit(s). Limit noted.  
D.F. = Dilution Factor

Date Reported : 9/12/06



# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Lab No. : 0608483-024A

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Federal ID 5111891

Client ID. : 21973-025

Collected : 8/4/06 2:00:00 PM

Point No : 109-24

Received : 8/4/06 3:15:00 PM

Location : 335 APT 36A Kitchen

Collected By : CLIENT

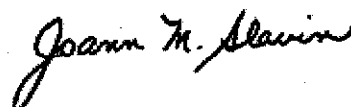
Copy : Original

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| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>    |
|---------------------|----------------|------------------|-------------|--------------|--------------|----------------------|--------------------|
| Copper              | 0.05           |                  | 1           | mg/l         | 1.3          | E200.8               | 08/23/2006 2:23 PM |
| Lead                | 2.77           |                  | 1           | ug/l         | 15           | E200.8               | 08/23/2006 2:23 PM |

Result(s) reported meet(s) Regulatory Limit(s).  
Result(s) flagged with \* Exceed Regulatory Limit(s). Limit noted.  
D.F. = Dilution Factor

Date Reported : 9/12/06



# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040 . FAX: (631) 420-8436 NYSDOHID# 10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM  
70 Bell Ave.

Lab No. : 0608483-025A

### Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Upton, NY 11973

Attn To : Bob Lee

Client ID. : 21973-026

Federal ID 5111891

Collected : 8/4/06 2:00:00 PM

Point No : 101-08

Received : 8/4/06 3:15:00 PM

Location : 366 APT 42A Kitchen

Collected By : CLIENT

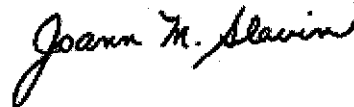
Copy : Original

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| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>    |
|---------------------|----------------|------------------|-------------|--------------|--------------|----------------------|--------------------|
| Copper              | 0.07           |                  | 1           | mg/l         | 1.3          | E200.8               | 08/23/2006 2:28 PM |
| * Lead              | * 18.7         |                  | 1           | ug/l         | 15           | E200.8               | 08/23/2006 2:28 PM |

Result(s) reported meet(s) Regulatory Limit(s).  
Result(s) flagged with \* Exceed Regulatory Limit(s). Limit noted.  
D.F. = Dilution Factor

Date Reported : 9/12/06



Laboratory Manager

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Federal ID 5111891

Collected : 8/4/06 2:05:00 PM

Received : 8/4/06 3:15:00 PM

Collected By : CLIENT

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## LABORATORY RESULTS

Lab No. : 0608483-026A

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Client ID. : 21973-027

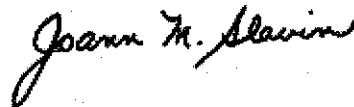
Point No : 083-25

Location : Brookhaven House 371

| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>    |
|---------------------|----------------|------------------|-------------|--------------|--------------|----------------------|--------------------|
| Copper              | 0.11           |                  | 1           | mg/l         | 1.3          | E200.8               | 08/23/2006 2:33 PM |
| Lead                | 11.4           |                  | 1           | ug/l         | 15           | E200.8               | 08/23/2006 2:33 PM |

Result(s) reported meet(s) Regulatory Limit(s).  
Result(s) flagged with \* Exceed Regulatory Limit(s). Limit noted.  
D.F. = Dilution Factor.

Date Reported : 9/12/06



Laboratory Manager

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Lab No. : 0608483-027A

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Federal ID 5111891

Client ID. : 21973-028

Collected : 8/4/06 2:05:00 PM

Point No : 094-274

Received : 8/4/06 3:15:00 PM

Location : Cavendish House 153

Collected By : CLIENT

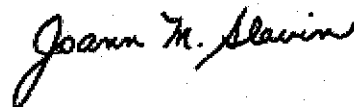
Copy : Original

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| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>    |
|---------------------|----------------|------------------|-------------|--------------|--------------|----------------------|--------------------|
| Copper              | 0.02           |                  | 1           | mg/l         | 1.3          | E200.8               | 08/23/2006 2:38 PM |
| Lead                | 1.31           |                  | 1           | ug/l         | 15           | E200.8               | 08/23/2006 2:38 PM |

Result(s) reported meet(s) Regulatory Limit(s).  
Result(s) flagged with \* Exceed Regulatory Limit(s). Limit noted.  
D.F. = Dilution Factor

Date Reported : 9/12/06



# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM  
70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Federal ID 5111891

Collected : 8/4/06 2:15:00 PM

Received : 8/4/06 3:15:00 PM

Collected By : CLIENT

Copy : Original

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Lab No. : 0608483-028A

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Client ID. : 21973-029

Point No : 093-86

Location : Compton House 170

| <u>Parameter(s)</u> | <u>Results</u> | <u>Qualifier</u> | <u>D.F.</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>    |
|---------------------|----------------|------------------|-------------|--------------|--------------|----------------------|--------------------|
| Copper              | < 0.02         |                  | 1           | mg/l         | 1.3          | E200.8               | 08/23/2006 2:43 PM |
| Lead                | < 1.00         |                  | 1           | ug/l         | 15           | E200.8               | 08/23/2006 2:43 PM |

Result(s) reported meet(s) Regulatory Limit(s).  
Result(s) flagged with \* Exceed Regulatory Limit(s). Limit noted.  
D.F. = Dilution Factor

Date Reported : 9/12/06

