

April 3, 2002

Ms. Kathleen Newcomer  
Suffolk County Department of Health Services  
Drinking Water Supply Section  
220 Rabro Drive East  
Hauppauge, New York 11788

Dear Ms. Newcomer:

**SUBJECT: Monthly Water Treatment Plant Reports**  
**Reference: Suffolk County Minimum Monitoring Requirements for March 2002**

In accordance with the requirements of the BNL Potable Water System Sampling Plan and the 2002 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 Bacteriological and Operational Reports for March 2002, 2002 First Quarter Bacteriology Reports for Potable Wells;
- Attachment II: March 2002 Biweekly Water Quality Monitoring Data for the BNL Potable Water Wells and BNL Distribution System Sample;
- Attachment III: 2002 First Quarter Principal Organic Compound Data for the BNL Potable Water Wells;
- Attachment IV: Semi-Annual Inorganic Analyses for the BNL Distribution System.

All analytical results have been reviewed and have been found to be within New York State Department of Health Drinking Water Standards (NYSDOH DWS). Collection and analysis of these samples are 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 Services Division (ESD) and Plant Engineering (EP)



Divisions. Based on this information, we believe the values contained in these reports are representative of the BNL potable water system.

Should there be any questions regarding this report or the analytical or operational data contained herein, please call either M. Allocco of the Environmental Services Division at (631) 344-3166, or W. Chaloupka of the Plant Engineering Division at (631) 344-7136.

Sincerely,



Lori Cunniff, CEP  
Division Manager



LEC/RL:rt

cc: M. Allocco w/attachments  
W. Chaloupka w/attachments  
G. Granzen w/attachments  
R. Lee w/attachments  
E. Murphy w/attachments  
P. Ponturo w/o attachments  
L. Ross w/o attachments  
T. Sheridan w/o attachments

EC61ER.02

**ATTACHMENT I**

**Brookhaven National Laboratory  
Potable Water Supply**

**Monthly Bacteriological and Operational  
Reports for March 2002**

**2002 First Quarter Bacteriology Reports for  
BNL Potable Wells**

# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169

STATION 11515100

SUFFOLK COUNTY

REPORTING PERIOD: **MARCH 2002**

LOCATION: **Water Treatment Facility**

Did an emergency occur in any part of the water system? YES  NO

Source: **Ground Water**

Does the system have a chlorination waiver? YES  NO

| Day of<br>month | CHLORINATION               |                            |                      |                              | pH                          |  | Totalizer<br>Daily Totalizer |
|-----------------|----------------------------|----------------------------|----------------------|------------------------------|-----------------------------|--|------------------------------|
|                 | Treated<br>Water<br>K Gals | Liquid Sodium Hypochlorite |                      | Free Cl2<br>Residual<br>mg/l | Lime<br>Sodium<br>Hydroxide |  |                              |
|                 |                            | Gallons                    | Cl2 use<br>per 24hrs |                              |                             |  |                              |
|                 |                            | 85                         |                      |                              |                             |  | 12556449                     |
| 1               | 1,060                      | 78+122                     | 7                    | 1.1                          | 7.7                         |  | 12557509                     |
| 2               | 0                          |                            |                      |                              |                             |  |                              |
| 3               | 0                          |                            |                      |                              |                             |  |                              |
| 4               | 2,507                      | 190                        | 10                   | 0.8                          | 7.6                         |  | 12560016                     |
| 5               | 879                        | 185                        | 5                    | 0.7                          | 7.5                         |  | 12560895                     |
| 6               | 914                        | 180                        | 5                    | 1.79                         | 7.6                         |  | 12561809                     |
| 7               | 1,103                      | 173                        | 7                    | 1.18                         | 7.5                         |  | 12562912                     |
| 8               | 1,315                      | 173                        | 0                    | 1.08                         | 7.5                         |  | 12564227                     |
| 9               | 0                          |                            |                      |                              |                             |  |                              |
| 10              | 0                          |                            |                      |                              |                             |  |                              |
| 11              | 3,965                      | 172                        | 0                    | 0.4                          | 7.3                         |  | 12568192                     |
| 12              | 1,336                      | 165                        | 7                    | 0.67                         | 7.5                         |  | 12569528                     |
| 13              | 1,313                      | 158                        | 7                    | 0.44                         | 7.4                         |  | 12570841                     |
| 14              | 1,295                      | 152                        | 6                    | 0.76                         | 7.4                         |  | 12572136                     |
| 15              | 859                        | 149                        | 3                    | 0.8                          | 7.4                         |  | 12572995                     |
| 16              | 0                          |                            |                      |                              |                             |  |                              |
| 17              | 0                          |                            |                      |                              |                             |  |                              |
| 18              | 2,372                      | 140                        | 9                    | 1.15                         | 7.4                         |  | 12575367                     |
| 19              | 829                        | 135                        | 5                    | 1.32                         | 7.4                         |  | 12576196                     |
| 20              | 749                        | 132                        | 3                    | 1.07                         | 7.4                         |  | 12576945                     |
| 21              | 843                        | 130                        | 2                    | 0.92                         | 7.4                         |  | 12577788                     |
| 22              | 864                        | 124+76                     | 6                    | 0.95                         | 7.3                         |  | 12578652                     |
| 23              | 0                          |                            |                      |                              |                             |  |                              |
| 24              | 0                          |                            |                      |                              |                             |  |                              |
| 25              | 2,459                      | 183                        | 17                   | 0.68                         | 7.4                         |  | 12581111                     |
| 26              | 1,170                      | 175                        | 8                    | 0.88                         | 7.5                         |  | 12582281                     |
| 27              | 1,068                      | 165                        | 10                   | 0.4                          | 7.5                         |  | 12583349                     |
| 28              | 1,165                      | 155                        | 10                   | 0.93                         | 7.6                         |  | 12584514                     |
| 29              | 1,045                      | 145                        | 10                   | 0.81                         | 7.6                         |  | 12585559                     |
| 30              | 0                          |                            |                      |                              |                             |  |                              |
| 31              | 0                          |                            |                      |                              |                             |  |                              |
| TOT             | 29,110                     |                            | 137                  |                              |                             |  |                              |
| AVG.            | 939.03                     |                            | 4.42                 | No Days:                     | 31                          |  |                              |

Population Served **3,500**

Number of routine samples 4

(Must collect a minimum of 5 routine samples the month following a repeat sample collection)

Number of actual routine samples 7

Does a M&AR violation exist? YES  NO

If yes, check reason's below.

Actual number of samples fewer than required.

Failure to analyze for E. Coli if there was a positive result for total coliform from routine, repeat of high turbidity sample.

Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

If yes, check reason(s) below.

Two or more positive total coliform samples for systems collecting 40 or more samples (routine, repeat or hiturb) per month.

Positive E. Coli result followed by a positive total coliform repeat sample

Positive total coliform result followed by a positive E. Coli repeat sample

Reported by: *[Signature]*

Date: 4-3-02

Title: Water Systems Supervisor

Certification No. NY0031941

# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

|                  |                  |                |                                     |
|------------------|------------------|----------------|-------------------------------------|
| PROGRAM CODE 169 | STATION 11515100 | SUFFOLK COUNTY | REPORTING PERIOD: <b>MARCH 2002</b> |
|------------------|------------------|----------------|-------------------------------------|

LOCATION: **WELL NO. 4**

Did an emergency occur in any part of the water system? YES  NO

Source: Ground Water

Does the system have a chlorination waiver? YES  NO

| Day of month | CHLORINATION  |                            |                               |                      | pH   |                  | Totalizer<br>Daily Totalizer |
|--------------|---------------|----------------------------|-------------------------------|----------------------|------|------------------|------------------------------|
|              | Treated Water | Liquid Sodium Hypochlorite |                               | Free Cl <sub>2</sub> | Lime | Sodium Hydroxide |                              |
|              |               | Gallons                    | Cl <sub>2</sub> use per 24hrs | Residual mg/l        |      |                  |                              |
|              | -K Gals       | 130                        |                               |                      |      |                  | 1479844                      |
| 1            | 0             | 130                        | 0                             | NR                   | NR   |                  | 1479844                      |
| 2            | 0             |                            |                               |                      |      |                  |                              |
| 3            | 0             |                            |                               |                      |      |                  |                              |
| 4            | 0             | 130                        | 0                             | NR                   | NR   |                  | 1479844                      |
| 5            | 0             | 130                        | 0                             | NR                   | NR   |                  | 1479844                      |
| 6            | 0             | 130                        | 0                             | NR                   | NR   |                  | 1479844                      |
| 7            | 0             | 130                        | 0                             | NR                   | NR   |                  | 1479844                      |
| 8            | 0             | 130                        | 0                             | NR                   | NR   |                  | 1479844                      |
| 9            | 0             |                            |                               |                      |      |                  |                              |
| 10           | 0             |                            |                               |                      |      |                  |                              |
| 11           | 0             | 130                        | 0                             | NR                   | NR   |                  | 1479844                      |
| 12           | 0             | 130                        | 0                             | NR                   | NR   |                  | 1479844                      |
| 13           | 0             | 130                        | 0                             | NR                   | NR   |                  | 1479844                      |
| 14           | 0             | 130                        | 0                             | NR                   | NR   |                  | 1479844                      |
| 15           | 0             | 130                        | 0                             | NR                   | NR   |                  | 1479844                      |
| 16           | 0             |                            |                               |                      |      |                  |                              |
| 17           | 0             |                            |                               |                      |      |                  |                              |
| 18           | 0             | 130                        | 0                             | NR                   | NR   |                  | 1479844                      |
| 19           | 0             | 130                        | 0                             | NR                   | NR   |                  | 1479844                      |
| 20           | 0             | 130                        | 0                             | NR                   | NR   |                  | 1479844                      |
| 21           | 0             | 130                        | 0                             | NR                   | NR   |                  | 1479844                      |
| 22           | 0             | 130                        | 0                             | NR                   | NR   |                  | 1479844                      |
| 23           | 0             |                            |                               |                      |      |                  |                              |
| 24           | 0             |                            |                               |                      |      |                  |                              |
| 25           | 0             | 130                        | 0                             | NR                   | NR   |                  | 1479844                      |
| 26           | 0             | 130                        | 0                             | NR                   | NR   |                  | 1479844                      |
| 27           | 0             | 130                        | 0                             | NR                   | NR   |                  | 1479844                      |
| 28           | 0             | 130                        | 0                             | NR                   | NR   |                  | 1479844                      |
| 29           | 0             | 130                        | 0                             | NR                   | NR   |                  | 1479844                      |
| 30           | 0             |                            |                               |                      |      |                  |                              |
| 31           | 0             |                            |                               |                      |      |                  |                              |
| TOT          | 0             |                            | 0                             |                      |      |                  |                              |
| AVG.         | 0.00          |                            | 0.00                          | No. Days:            | 31   |                  |                              |

Population Served **3,500**

Number of routine samples 4

(Must collect a minimum of 5 routine samples the month following a repeat sample collection)

Number of actual routine samples 7

Does a M&AR violation exist? YES  NO

If yes, check reason's below.

Actual number of samples fewer than required.

Failure to analyze for E. Coli if there was a positive result for total coliform from routine, repeat of high turbidity sample.

Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

If yes, check reason(s) below.

Two or more positive total coliform samples for systems collecting 40 or more samples (routine, repeat or hiturb) per month.

Positive E. Coli result followed by a positive total coliform repeat sample.

Positive total coliform result followed by a positive E. Coli repeat sample.

Reported by: *[Signature]*

Date: 4-3-02

Title: Water Systems Supervisor

Certification No. NY0031941

# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

|                  |                  |                |                              |
|------------------|------------------|----------------|------------------------------|
| PROGRAM CODE 169 | STATION 11515100 | SUFFOLK COUNTY | REPORTING PERIOD: MARCH 2002 |
|------------------|------------------|----------------|------------------------------|

LOCATION: WELL NO. 6

Did an emergency occur in any part of the water system? YES  NO

Source: Ground Water

Does the system have a chlorination waiver? YES  NO

| Day of month | CHLORINATION            |                            |                                  |  | pH                    |                    | Totalizer<br>Daily Totalizer |
|--------------|-------------------------|----------------------------|----------------------------------|--|-----------------------|--------------------|------------------------------|
|              | Treated Water<br>K Gals | Liquid Sodium Hypochlorite |                                  | Free Cl <sub>2</sub><br>Residual<br>mg/l | Lime Sodium Hydroxide |                    |                              |
|              |                         | Gallons                    | Cl <sub>2</sub> use<br>per 24hrs |  | — Lime                | — Sodium Hydroxide |                              |
| 1            | 674                     | 178                        | 13                               | 0.02                                     | 5.8                   | 302332             |                              |
| 2            | 0                       |                            |                                  |  |                       |                    |                              |
| 3            | 0                       |                            |                                  |  |                       |                    |                              |
| 4            | 1,774                   | 139                        | 39                               | 0.04                                     | 5.8                   | 304106             |                              |
| 5            | 559                     | 129                        | 10                               | 0.04                                     | 5.8                   | 304665             |                              |
| 6            | 517                     | 118                        | 11                               | 0.63                                     | 5.8                   | 305182             |                              |
| 7            | 710                     | 100+100                    | 18                               | 0.03                                     | 5.8                   | 305892             |                              |
| 8            | 740                     | 190                        | 10                               | 1.17                                     | 5.8                   | 306632             |                              |
| 9            | 0                       |                            |                                  |  |                       |                    |                              |
| 10           | 0                       |                            |                                  |  |                       |                    |                              |
| 11           | 2,403                   | 140                        | 50                               | 0.6                                      | 5.7                   | 309035             |                              |
| 12           | 720                     | 125                        | 15                               | 0.02                                     | 5.8                   | 309755             |                              |
| 13           | 651                     | 110+90                     | 15                               | 0.01                                     | 5.8                   | 310406             |                              |
| 14           | 653                     | 195                        | 5                                | 0.63                                     | 5.8                   | 311059             |                              |
| 15           | 304                     | 189                        | 6                                | 0.8                                      | 5.8                   | 311363             |                              |
| 16           | 0                       |                            |                                  |  |                       |                    |                              |
| 17           | 0                       |                            |                                  |  |                       |                    |                              |
| 18           | 1,082                   | 169                        | 20                               | 0.62                                     | 5.8                   | 312445             |                              |
| 19           | 261                     | 165                        | 4                                | 1.71                                     | 5.8                   | 312706             |                              |
| 20           | 315                     | 157                        | 8                                | 1.5                                      | 5.9                   | 313021             |                              |
| 21           | 180                     | 157                        | 0                                | 0.01                                     | 5.9                   | 313201             |                              |
| 22           | 227                     | 157                        | 0                                | 0.13                                     | 5.8                   | 313428             |                              |
| 23           | 0                       |                            |                                  |  |                       |                    |                              |
| 24           | 0                       |                            |                                  |  |                       |                    |                              |
| 25           | 650                     | 157                        | 0                                | 0.03                                     | 5.9                   | 314078             |                              |
| 26           | 478                     | 155                        | 2                                | 0.25                                     | 5.9                   | 314556             |                              |
| 27           | 402                     | 155                        | 0                                | 0.02                                     | 5.9                   | 314958             |                              |
| 28           | 1,490                   | 140+30                     | 25                               | 0.05                                     | 6                     | 316448             |                              |
| 29           | 791                     | 169                        | 1                                | 0.08                                     | 5.9                   | 317239             |                              |
| 30           | 0                       |                            |                                  |  |                       |                    |                              |
| 31           | 0                       |                            |                                  |  |                       |                    |                              |
| TOT          | 15,581                  |                            | 252                              |  |                       |                    |                              |
| AVG          | 502.61                  |                            | 8.13                             | No. Days:                                | 31                    |                    |                              |

Population Served 3,500

Number of routine samples 4  
 (Must collect a minimum of 5 routine samples the month following a repeat sample collection)

Number of actual routine samples 7

Does a M&AR violation exist? YES  NO

If yes, check reason's below.

Actual number of samples fewer than required.

Failure to analyze for E. Coli if there was a positive result for total coliform from routine, repeat of high turbidity sample.

Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

If yes, check reason(s) below.

Two or more positive total coliform samples for systems collecting 40 or more samples (routine, repeat or hiturb) per month.

Positive E. Coli result followed by a positive total coliform repeat sample

Positive total coliform result followed by a positive E. Coli repeat sample

Reported by: *SA Katz*

Date: 4-3-02

Title: Water Systems Supervisor

Certification No: NY0031941

# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

|                  |                  |                |                                     |
|------------------|------------------|----------------|-------------------------------------|
| PROGRAM CODE 169 | STATION 11515100 | SUFFOLK COUNTY | REPORTING PERIOD: <b>MARCH 2002</b> |
|------------------|------------------|----------------|-------------------------------------|

LOCATION: **WELL NO. 7**

Did an emergency occur in any part of the water system? YES  NO

Source: Ground Water

Does the system have a chlorination waiver? YES  NO

| Day of month | CHLORINATION  |                            |                   |                   | pH               |        | Totalizer<br>Daily Totalizer |
|--------------|---------------|----------------------------|-------------------|-------------------|------------------|--------|------------------------------|
|              | Treated Water | Liquid Sodium Hypochlorite |                   | Free Cl2 Residual | Lime             |        |                              |
|              |               | Gallons                    | Cl2 use per 24hrs |                   | Sodium Hydroxide |        |                              |
| 1            | 1,097         | 169                        | 14                | 0.02              | 5.8              | 746814 |                              |
| 2            | 0             |                            |                   |                   |                  |        |                              |
| 3            | 0             |                            |                   |                   |                  |        |                              |
| 4            | 2,603         | 104                        | 65                | 0.04              | 5.8              | 749417 |                              |
| 5            | 988           | 81                         | 23                | 0.04              | 5.8              | 750405 |                              |
| 6            | 1,019         | 60                         | 21                | 0.63              | 5.8              | 751424 |                              |
| 7            | 1,237         | 30+170                     | 30                | 0.03              | 5.8              | 752661 |                              |
| 8            | 1,412         | 163                        | 37                | 1.08              | 5.8              | 754073 |                              |
| 9            | 0             |                            |                   |                   |                  |        |                              |
| 10           | 0             |                            |                   |                   |                  |        |                              |
| 11           | 4,174         | 65                         | 98                | 0.6               | 5.7              | 758247 |                              |
| 12           | 1,256         | 55                         | 10                | 0.02              | 5.8              | 759503 |                              |
| 13           | 1,325         | 30+170                     | 25                | 0.44              | 5.8              | 760828 |                              |
| 14           | 1,260         | 180                        | 20                | 0.63              | 5.8              | 762088 |                              |
| 15           | 1,054         | 160                        | 20                | 0.8               | 5.8              | 763142 |                              |
| 16           | 0             |                            |                   |                   |                  |        |                              |
| 17           | 0             |                            |                   |                   |                  |        |                              |
| 18           | 2,908         | 85                         | 75                | 0.62              | 5.8              | 766050 |                              |
| 19           | 927           | 75                         | 10                | 1.71              | 5.8              | 766977 |                              |
| 20           | 976           | 52                         | 27                | 1.5               | 5.8              | 767953 |                              |
| 21           | 1,078         | 40+160                     | 12                | 0.01              | 5.9              | 769031 |                              |
| 22           | 936           | 183                        | 17                | 0.13              | 5.8              | 769967 |                              |
| 23           | 0             |                            |                   |                   |                  |        |                              |
| 24           | 0             |                            |                   |                   |                  |        |                              |
| 25           | 2,705         | 158                        | 25                | 0.03              | 5.9              | 772672 |                              |
| 26           | 1,124         | 141                        | 17                | 0.25              | 5.9              | 773796 |                              |
| 27           | 1,057         | 131                        | 10                | 0.02              | 5.9              | 774853 |                              |
| 28           | 785           | 125+75                     | 6                 | 0.05              | 6                | 775638 |                              |
| 29           | 546           | 191                        | 9                 | 0.08              | 5.9              | 776184 |                              |
| 30           | 0             |                            |                   |                   |                  |        |                              |
| 31           | 0             |                            |                   |                   |                  |        |                              |
| TOT          | 30,467        |                            | 571               |                   |                  |        |                              |
| AVG.         | 982.81        |                            | 18.42             | No. Days:         | 31               |        |                              |

Population Served **3,500**

Number of routine samples 4  
 (Must collect a minimum of 5 routine samples the month following a repeat sample collection)

Number of actual routine samples 2

Does a M&AR violation exist? YES  NO

If yes, check reason's below.

Actual number of samples fewer than required.

Failure to analyze for E. Coli if there was a positive result for total coliform from routine, repeat of high turbidity sample.

Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

If yes, check reason(s) below.

Two or more positive total coliform samples for systems collecting 40 or more samples (routine, repeat or hiturb) per month.

Positive E. Coli result followed by a positive total coliform repeat sample.

Positive total coliform result followed by a positive E. Coli repeat sample.

Reported by: *SLC [Signature]*

Date: 4-3-02

Title: Water Systems Supervisor

Certification No. NY0031941



# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169

STATION 11515100

SUFFOLK COUNTY

REPORTING PERIOD:

MARCH 2002

LOCATION: WELL NO. 10

Did an emergency occur in any part of the water system? YES  NO

Source: Ground Water

Does the system have a chlorination waiver? YES  NO

| Day of<br>month | CHLORINATION               |                            |                      |                              | pH                          |        | Totalizer<br>Daily Totalizer<br>764327 |
|-----------------|----------------------------|----------------------------|----------------------|------------------------------|-----------------------------|--------|--|
|                 | Treated<br>Water<br>K Gals | Liquid Sodium Hypochlorite |                      | Free Cl2<br>Residual<br>mg/l | Lime<br>Sodium<br>Hydroxide |        |  |
|                 |                            | Gallons                    | Cl2 use<br>per 24hrs |                              |                             |        |  |
| 1               | 0                          | 58                         | 0                    | NR                           | NR                          | 764327 |  |
| 2               | 0                          |                            |                      |                              |                             |        |  |
| 3               | 0                          |                            |                      |                              |                             |        |  |
| 4               | 0                          | 58                         | 0                    | NR                           | NR                          | 764327 |  |
| 5               | 0                          | 58                         | 0                    | NR                           | NR                          | 764327 |  |
| 6               | 0                          | 58                         | 0                    | NR                           | NR                          | 764327 |  |
| 7               | 0                          | 58                         | 0                    | NR                           | NR                          | 764327 |  |
| 8               | 0                          | 58                         | 0                    | NR                           | NR                          | 764327 |  |
| 9               | 0                          |                            |                      |                              |                             |        |  |
| 10              | 0                          |                            |                      |                              |                             |        |  |
| 11              | 0                          | 58                         | 0                    | NR                           | NR                          | 764327 |  |
| 12              | 0                          | 58                         | 0                    | NR                           | NR                          | 764327 |  |
| 13              | 0                          | 58                         | 0                    | NR                           | NR                          | 764327 |  |
| 14              | 0                          | 58                         | 0                    | NR                           | NR                          | 764327 |  |
| 15              | 0                          | 58                         | 0                    | NR                           | NR                          | 764327 |  |
| 16              | 0                          |                            |                      |                              |                             |        |  |
| 17              | 0                          |                            |                      |                              |                             |        |  |
| 18              | 0                          | 58                         | 0                    | NR                           | NR                          | 764327 |  |
| 19              | 0                          | 58                         | 0                    | NR                           | NR                          | 764327 |  |
| 20              | 0                          | 58                         | 0                    | NR                           | NR                          | 764327 |  |
| 21              | 0                          | 58                         | 0                    | NR                           | NR                          | 764327 |  |
| 22              | 0                          | 58                         | 0                    | NR                           | NR                          | 764327 |  |
| 23              | 0                          |                            |                      |                              |                             |        |  |
| 24              | 0                          |                            |                      |                              |                             |        |  |
| 25              | 0                          | 58                         | 0                    | NR                           | NR                          | 764327 |  |
| 26              | 0                          | 58                         | 0                    | NR                           | NR                          | 764327 |  |
| 27              | 0                          | 58                         | 0                    | NR                           | NR                          | 764327 |  |
| 28              | 0                          | 58                         | 0                    | NR                           | NR                          | 764327 |  |
| 29              | 0                          | 58                         | 0                    | NR                           | NR                          | 764327 |  |
| 30              | 0                          |                            |                      |                              |                             |        |  |
| 31              | 0                          |                            |                      |                              |                             |        |  |
| TOT             | 0                          |                            | 0                    |                              |                             |        |  |
| AVG.            | 0.00                       |                            | 0.00                 | No. Days:                    | 31                          |        |  |

Population Served 3,500

Number of routine samples 4

(Must collect a minimum of 5 routine samples the month following a repeat sample collection)

Number of actual routine samples 7

Does a M&AR violation exist? YES  NO

If yes, check reason's below.

Actual number of samples fewer than required.

Failure to analyze for E. Coli if there was a positive result for total coliform from routine, repeat of high turbidity sample.

Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

If yes, check reason(s) below.

Two or more positive total coliform samples for systems collecting 40 or more samples (routine, repeat or hiturb) per month

Positive E. Coli result followed by a positive total coliform repeat sample

Positive total coliform result followed by a positive E. Coli repeat sample.

Reported by: *Al Press*

Date: 4-3-02

Title Water Systems Supervisor

Certification No. NY0031941

# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

|                  |                  |                |                                     |
|------------------|------------------|----------------|-------------------------------------|
| PROGRAM CODE 169 | STATION 11515100 | SUFFOLK COUNTY | REPORTING PERIOD: <b>MARCH 2002</b> |
|------------------|------------------|----------------|-------------------------------------|

LOCATION: **WELL NO. 11**

Did an emergency occur in any part of the water system? YES  NO

Source: Ground Water Does the system have a chlorination waiver? YES  NO

| Day of month | CHLORINATION            |                            |                      |                              | pH                          |        | Totalizer<br>Daily Totalizer |
|--------------|-------------------------|----------------------------|----------------------|------------------------------|-----------------------------|--------|------------------------------|
|              | Treated Water<br>K Gals | Liquid Sodium Hypochlorite |                      | Free Cl2<br>Residual<br>mg/l | Lime<br>Sodium<br>Hydroxide |        |                              |
|              |                         | Gallons                    | Cl2 use<br>per 24hrs |                              |                             |        |                              |
| 1            | 0                       | 170                        | 0                    | 0.2                          | 7                           | 391821 |                              |
| 2            | 0                       |                            |                      |                              |                             |        |                              |
| 3            | 0                       |                            |                      |                              |                             |        |                              |
| 4            | 675                     | 170                        | 0                    | 0.3                          | 6.9                         | 392496 |                              |
| 5            | 53                      | 170                        | 0                    | 0.75                         | 7.3                         | 392549 |                              |
| 6            | 39                      | 170                        | 0                    | NR                           | NR                          | 392588 |                              |
| 7            | 0                       | 170                        | 0                    | 0.4                          | 7.1                         | 392588 |                              |
| 8            | 4                       | 170                        | 0                    | NR                           | NR                          | 392592 |                              |
| 9            | 0                       |                            |                      |                              |                             |        |                              |
| 10           | 0                       |                            |                      |                              |                             |        |                              |
| 11           | 0                       | 170                        | 0                    | 0.2                          | 7.2                         | 392592 |                              |
| 12           | 68                      | 165                        | 5                    | 0.76                         | 6.5                         | 392660 |                              |
| 13           | 359                     | 160                        | 5                    | 0.99                         | 6.6                         | 393019 |                              |
| 14           | 321                     | 158                        | 2                    | 1.01                         | 6.6                         | 393340 |                              |
| 15           | 1,080                   | 140                        | 18                   | 0.8                          | 6.6                         | 394420 |                              |
| 16           | 0                       |                            |                      |                              |                             |        |                              |
| 17           | 0                       |                            |                      |                              |                             |        |                              |
| 18           | 3,295                   | 85                         | 55                   | 2.1                          | 6.3                         | 397715 |                              |
| 19           | 1,140                   | 67                         | 18                   | 1.3                          | 6.3                         | 398855 |                              |
| 20           | 1,057                   | 48                         | 19                   | NR                           | NR                          | 399912 |                              |
| 21           | 259                     | 48+147                     | 0                    | 1.3                          | 7.1                         | 400171 |                              |
| 22           | 75                      | 195                        | 0                    | NR                           | NR                          | 400246 |                              |
| 23           | 0                       |                            |                      |                              |                             |        |                              |
| 24           | 0                       |                            |                      |                              |                             |        |                              |
| 25           | 8                       | 195                        | 0                    | NR                           | NR                          | 400254 |                              |
| 26           | 0                       | 195                        | 0                    | 0.2                          | 7                           | 400254 |                              |
| 27           | 93                      | 195                        | 0                    | NR                           | NR                          | 400347 |                              |
| 28           | 0                       | 195                        | 0                    | 0.33                         | 7.1                         | 400347 |                              |
| 29           | 2                       | 195                        | 0                    | NR                           | NR                          | 400349 |                              |
| 30           | 0                       |                            |                      |                              |                             |        |                              |
| 31           | 0                       |                            |                      |                              |                             |        |                              |
| TOT          | 8,528                   |                            | 122                  |                              |                             |        |                              |
| AVG.         | 275.10                  |                            | 3.94                 | No Days:                     | 31                          |        |                              |

Population Served **3,500**

Number of routine samples 4

(Must collect a minimum of 5 routine samples the month following a repeat sample collection)

Number of actual routine samples 7

Does a M&AR violation exist? YES  NO

If yes, check reason's below.

Actual number of samples fewer than required.

Failure to analyze for E. Coli if there was a positive result for total coliform from routine, repeat of high turbidity sample.

Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

If yes, check reason(s) below.

Two or more positive total coliform samples for systems collecting 40 or more samples (routine, repeat or hiturb) per month.

Positive E. Coli result followed by a positive total coliform repeat sample

Positive total coliform result followed by a positive E. Coli repeat sample.

Reported by: *JC Ross*

Date: 4-3-02

Title: Water Systems Supervisor

Certification No. NY0031941

# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

|                  |                  |                |                                     |
|------------------|------------------|----------------|-------------------------------------|
| PROGRAM CODE 169 | STATION 11515100 | SUFFOLK COUNTY | REPORTING PERIOD: <b>MARCH 2002</b> |
|------------------|------------------|----------------|-------------------------------------|

LOCATION: **WELL NO. 12**

Did an emergency occur in any part of the water system? YES  NO

Source: Ground Water

Does the system have a chlorination waiver? YES  NO

| Day of<br>month | CHLORINATION     |                            |                                  |                                  | pH                          |           | Totalizer<br>Daily Totalizer |
|-----------------|------------------|----------------------------|----------------------------------|----------------------------------|-----------------------------|-----------|------------------------------|
|                 | Treated<br>Water | Liquid Sodium Hypochlorite |                                  | Free Cl <sub>2</sub><br>Residual | Lime<br>Sodium<br>Hydroxide | Totalizer |                              |
|                 |                  | Gallons                    | Cl <sub>2</sub> use<br>per 24hrs |                                  |                             |           |                              |
| 1               | 0                | 163                        | 0                                | 0.18                             | 7.3                         | 451053    |                              |
| 2               | 0                |                            |                                  |                                  |                             |           |                              |
| 3               | 0                |                            |                                  |                                  |                             |           |                              |
| 4               | 84               | 163                        | 0                                | 0.67                             | 7.3                         | 451137    |                              |
| 5               | 14               | 163                        | 0                                | 0.52                             | 7.4                         | 451151    |                              |
| 6               | 10               | 163                        | 0                                | NR                               | NR                          | 451161    |                              |
| 7               | 0                | 163                        | 0                                | 0.73                             | 7.4                         | 451161    |                              |
| 8               | 15               | 163                        | 0                                | NR                               | NR                          | 451176    |                              |
| 9               | 0                |                            |                                  |                                  |                             |           |                              |
| 10              | 0                |                            |                                  |                                  |                             |           |                              |
| 11              | 228              | 163                        | 0                                | 0.2                              | 7.4                         | 451404    |                              |
| 12              | 200              | 163                        | 0                                | NR                               | NR                          | 451604    |                              |
| 13              | 48               | 160                        | 3                                | 0.73                             | 7.4                         | 451652    |                              |
| 14              | 125              | 160                        | 0                                | 0.81                             | 7.1                         | 451777    |                              |
| 15              | 235              | 157                        | 7                                | 0.53                             | 7.4                         | 452012    |                              |
| 16              | 0                |                            |                                  |                                  |                             |           |                              |
| 17              | 0                |                            |                                  |                                  |                             |           |                              |
| 18              | 4                | 157                        | 0                                | NR                               | NR                          | 452016    |                              |
| 19              | 0                | 157                        | 0                                | 0.66                             | 6.4                         | 452016    |                              |
| 20              | 3                | 157                        | 0                                | NR                               | NR                          | 452019    |                              |
| 21              | 876              | 150                        | 7                                | 0.73                             | 7.4                         | 452895    |                              |
| 22              | 981              | 143                        | 7                                | NR                               | NR                          | 453876    |                              |
| 23              | 0                |                            |                                  |                                  |                             |           |                              |
| 24              | 0                |                            |                                  |                                  |                             |           |                              |
| 25              | 2,806            | 124                        | 19                               | 0.74                             | 7.6                         | 456682    |                              |
| 26              | 351              | 121                        | 3                                | 0.78                             | 7.5                         | 457033    |                              |
| 27              | 1,024            | 118                        | 3                                | 0.78                             | 7.6                         | 458057    |                              |
| 28              | 162              | 118                        | 0                                | 0.75                             | 7.3                         | 458219    |                              |
| 29              | 796              | 110                        | 8                                | 0.78                             | 7.5                         | 459015    |                              |
| 30              | 0                |                            |                                  |                                  |                             |           |                              |
| 31              | 0                |                            |                                  |                                  |                             |           |                              |
| TOT             | 7,962            |                            | 57                               |                                  |                             |           |                              |
| AVG             | 256.84           |                            | 1.84                             | No Days                          | 31                          |           |                              |

Population Served **3,500**

Number of routine samples 4

(Must collect a minimum of 5 routine samples the month following a repeat sample collection)

Number of actual routine samples 7

Does a M&AR violation exist? YES  NO

If yes, check reason's below.

Actual number of samples fewer than required.

Failure to analyze for E. Coli if there was a positive result for total coliform from routine, repeat of high turbidity sample

Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

If yes, check reason(s) below.

Two or more positive total coliform samples for systems collecting 40 or more samples (routine, repeat or turb) per month.

Positive E. Coli result followed by a positive total coliform repeat sample

Positive total coliform result followed by a positive E. Coli repeat sample

Reported by: *AC/ [Signature]*

Date: 4-3-02

Title: Water Systems Supervisor

Certification No NY0031941

# 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. : 0201050-004

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

Federal ID 5111891

Client ID. : 11397-004

Collected 1/3/2002 9:00:00 AM

Point No 4

Received 1/3/2002 3:00:00 PM

Location: B-363 APT.LAUNDRY

Collected By RL99

Copies To TONY ROSS

| <u>Parameter(s)</u>          | <u>Results</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>      |
|------------------------------|----------------|--------------|--------------|----------------------|----------------------|
| Specific Conductance         | 157            | µmhos/cm     |              | E120.1               | 1/3/2002             |
| PH (FIELD)                   | 7.4            | pH units     |              | E150.1               | 1/3/2002             |
| Temperature                  | 9.4            | °C           |              | E170.1               | 1/3/2002             |
| Total Coliform               | Negative       |              | Negative     | M9223                | 1/3/2002 3:30:00 PM  |
| E_Coliform                   | Absent         |              | Absent       | M9223                | 1/3/2002 3:30:00 PM  |
| Alkalinity, Total (As CaCO3) | 41.4           | mg/L         |              | M2320 B              | 1/4/2002 10:10:00 AM |
| Total Residual Chlorine      | 0.2            | mg/L         |              | M4500-CI G           | 1/3/2002             |

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

Date Reported : 2/1/2002

*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. : 0201050-002

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

Federal ID 5111891

Client ID. : 11397-002

Collected 1/3/2002 10:45:00 AM Point No 2

Received 1/3/2002 3:00:00 PM Location: B-640 WATER TOWER

Collected By RL99

Copies To TONY ROSS

| <u>Parameter(s)</u>          | <u>Results</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>      |
|------------------------------|----------------|--------------|--------------|----------------------|----------------------|
| Specific Conductance         | 166            | µmhos/cm     |              | E120.1               | 1/3/2002             |
| PH (FIELD)                   | 7.4            | pH units     |              | E150.1               | 1/3/2002             |
| Temperature                  | 10             | °C           |              | E170.1               | 1/3/2002             |
| Total Coliform               | Negative       |              | Negative     | M9223                | 1/3/2002 3:30:00 PM  |
| E_Coliform                   | Absent         |              | Absent       | M9223                | 1/3/2002 3:30:00 PM  |
| Alkalinity, Total (As CaCO3) | 49.2           | mg/L         |              | M2320 B              | 1/4/2002 10:04:00 AM |
| Total Residual Chlorine      | 0.7            | mg/L         |              | M4500-CI G           | 1/3/2002             |

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

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

Date Reported : 2/1/2002

Page 1 of 15 <sup>2</sup> 2/16/2

*Joann M. Slavin*

BNLM117 S 31

# 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. : 0201050-001

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

Federal ID 5111891

Client ID. : 11397-001

Collected 1/3/2002 11:05:00 AM Point No 1  
Received 1/3/2002 3:00:00 PM Location: B-49 WATER TOWER  
Collected By RL99  
Copies To TONY ROSS

| <u>Parameter(s)</u>          | <u>Results</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>     |
|------------------------------|----------------|--------------|--------------|----------------------|---------------------|
| Specific Conductance         | 160            | µmhos/cm     |              | E120.1               | 1/3/2002            |
| PH (FIELD)                   | 7.5            | pH units     |              | E150.1               | 1/3/2002            |
| Temperature                  | 7.2            | °C           |              | E170.1               | 1/3/2002            |
| Total Coliform               | Negative       |              | Negative     | M9223                | 1/3/2002 3:30:00 PM |
| E_Coliform                   | Absent         |              | Absent       | M9223                | 1/3/2002 3:30:00 PM |
| Alkalinity, Total (As CaCO3) | 39.9           | mg/L         |              | M2320 B              | 1/4/2002 9:57:00 AM |
| Total Residual Chlorine      | 0.6            | mg/L         |              | M4500-CI G           | 1/3/2002            |

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

Date Reported : 2/1/2002

*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. : 0201050-003

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

Federal ID 5111891

Client ID. : 11397-003

Collected 1/3/2002 10:40:00 AM Point No 3

Received 1/3/2002 3:00:00 PM Location: B-1005 RHIC

Collected By RL99

Copies To TONY ROSS

| <u>Parameter(s)</u>     | <u>Results</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>     |
|-------------------------|----------------|--------------|--------------|----------------------|---------------------|
| Total Coliform          | Negative       |              | Negative     | M9223                | 1/3/2002 3:30:00 PM |
| E_Coliform              | Absent         |              | Absent       | M9223                | 1/3/2002 3:30:00 PM |
| Total Residual Chlorine | 0.6            | mg/L         |              | M4500-Cl G           | 1/3/2002            |

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

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

Date Reported : 2/1/2002

~~Page 1 of 15~~ <sup>WB</sup> 2/2/02

*Joann M. Slavin*

BNLM117 S 32

# 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. : 0201050-005

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

Federal ID 5111891

Client ID. : 11397-005

Collected 1/3/2002 12:45:00 PM Point No 5

Received 1/3/2002 3:00:00 PM Location: B-930 LINAC

Collected By RL99

Copies To TONY ROSS

| <u>Parameter(s)</u>     | <u>Results</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>     |
|-------------------------|----------------|--------------|--------------|----------------------|---------------------|
| Total Coliform          | Negative       |              | Negative     | M9223                | 1/3/2002 3:30:00 PM |
| E_Coliform              | Absent         |              | Absent       | M9223                | 1/3/2002 3:30:00 PM |
| Total Residual Chlorine | 0.6            | mg/L         |              | M4500-Cl G           | 1/3/2002            |

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

Date Reported : 2/1/2002

*Joann M. Slavin*

BNLM117 S 35



# 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. : 0201050-006

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

Federal ID 5111891

Client ID. : 11397-006

Collected 1/3/2002 12:50:00 PM Point No 6

Received 1/3/2002 3:00:00 PM Location: B-490 OUTPATIENT CLINIC

Collected By RL99

Copies To TONY ROSS

| <u>Parameter(s)</u>     | <u>Results</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>     |
|-------------------------|----------------|--------------|--------------|----------------------|---------------------|
| Total Coliform          | Negative       |              | Negative     | M9223                | 1/3/2002 3:30:00 PM |
| E_Coliform              | Absent         |              | Absent       | M9223                | 1/3/2002 3:30:00 PM |
| Total Residual Chlorine | 0.6            | mg/L         |              | M4500-CI G           | 1/3/2002            |

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

Date Reported : 2/1/2002

*Joann M. Slavin*

BNLM117 S 36

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040 . FAX: (631) 420-8435 NYS DOH ID# 10478

## LABORATORY RESULTS

BROOKHAVEN NATIONAL LAB.-BNLM  
70 BELL AVE.  
UPTON, NY 11973  
Attn To : BOB LEE

Lab No. : 0201050-007

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

Federal ID 5111891

Client ID. : 11397-007

Collected 1/3/2002 1:00:00 PM Point No 7  
Received 1/3/2002 3:00:00 PM Location: B-490 BLOCK 11  
Collected By RL99  
Copies To TONY ROSS

| <u>Parameter(s)</u>     | <u>Results</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>     |
|-------------------------|----------------|--------------|--------------|----------------------|---------------------|
| Total Coliform          | Negative       |              | Negative     | M9223                | 1/3/2002 3:30:00 PM |
| E_Coliform              | Absent         |              | Absent       | M9223                | 1/3/2002 3:30:00 PM |
| Total Residual Chlorine | 0.4            | mg/L         |              | M4500-Cl G           | 1/3/2002            |

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

Date Reported : 2/1/2002

Page 1 of 15 *2/1/02*

*Joann M. Slavina*

BNLM117 S 37

# 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. : 0201050-014

Sample Information...  
Type : Potable Water  
Origin: Treated Well

Federal ID 5111891

Client ID. : 11397-017

Collected 1/3/2002 10:15:00 AM Point No 17

Received 1/3/2002 3:00:00 PM Location: WELL #12 GAC FILTER 657

Collected By RL99

Copies To TONY ROSS

| <u>Parameter(s)</u> | <u>Results</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>     |
|---------------------|----------------|--------------|--------------|----------------------|---------------------|
| Total Coliform      | Negative       |              | Negative     | M9223                | 1/3/2002 3:30:00 PM |
| E_Coliform          | Absent         |              | Absent       | M9223                | 1/3/2002 3:30:00 PM |

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

Date Reported : 2/1/2002

*Joann M. Slavin*

BNLM117 S 51

# 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. : 0201050-013

Sample Information...  
Type : Potable Water  
Origin: Raw Well

Federal ID 5111891

Client ID. : 11397-016

Collected 1/3/2002 10:30:00 AM Point No 16

Received 1/3/2002 3:00:00 PM Location: WELL #11 GAC FILTER 655

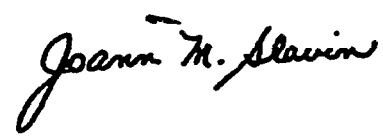
Collected By RL99

Copies To TONY ROSS

| <u>Parameter(s)</u> | <u>Results</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>     |
|---------------------|----------------|--------------|--------------|----------------------|---------------------|
| Total Coliform      | Negative       |              | Negative     | M9223                | 1/3/2002 3:30:00 PM |
| E_Coliform          | Absent         |              | Absent       | M9223                | 1/3/2002 3:30:00 PM |

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

Date Reported : 2/1/2002



BNLM117 S 50

# 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. : 0201050-012

Sample Information...  
Type : Potable Water  
Origin: Raw Well

Federal ID 5111891

Client ID. : 11397-013

Collected 1/3/2002 10:15:00 AM Point No 13

Received 1/3/2002 3:00:00 PM Location: WELL #12 RAW

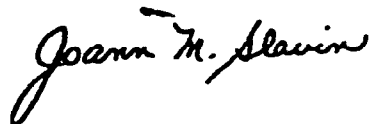
Collected By RL99

Copies To TONY ROSS

| <u>Parameter(s)</u> | <u>Results</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>     |
|---------------------|----------------|--------------|--------------|----------------------|---------------------|
| Total Coliform      | Negative       |              | Negative     | M9223                | 1/3/2002 3:30:00 PM |
| E_Coliform          | Absent         |              | Absent       | M9223                | 1/3/2002 3:30:00 PM |

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

Date Reported : 2/1/2002



BNLMI17 S 49

# 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. : 0201050-011

Sample Information...  
Type : Potable Water  
Origin: Raw Well

Federal ID 5111891

Client ID. : 11397-012

Collected 1/3/2002 10:30:00 AM Point No 12

Received 1/3/2002 3:00:00 PM Location: WELL #11 RAW

Collected By RL99

Copies To TONY ROSS

| Parameter(s)   | Results  | Units | Limit    | Method Number | Analyzed            |
|----------------|----------|-------|----------|---------------|---------------------|
| Total Coliform | Negative |       | Negative | M9223         | 1/3/2002 3:30:00 PM |
| E_Coliform     | Absent   |       | Absent   | M9223         | 1/3/2002 3:30:00 PM |

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

Date Reported : 2/1/2002

*Joann M. Slavin*

BNLM117 S 46

# 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. : 0201050-009

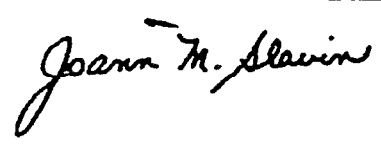
Sample Information...  
Type : Potable Water  
Origin: Raw Well

Federal ID 5111891 Client ID. : 11397-010  
Collected 1/3/2002 9:10:00 AM Point No 10  
Received 1/3/2002 3:00:00 PM Location: WELL #7 RAW  
Collected By RL99  
Copies To TONY ROSS

| <u>Parameter(s)</u> | <u>Results</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>     |
|---------------------|----------------|--------------|--------------|----------------------|---------------------|
| Total Coliform      | Negative       |              | Negative     | M9223                | 1/3/2002 3:30:00 PM |
| E_Coliform          | Absent         |              | Absent       | M9223                | 1/3/2002 3:30:00 PM |

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

Date Reported : 2/1/2002



BNLM117 S 43

# 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. : 0201050-008

Sample Information...  
Type : Potable Water  
Origin: Raw Well

Federal ID 5111891

Client ID. : 11397-009

Collected 1/3/2002 9:20:00 AM Point No 9

Received 1/3/2002 3:00:00 PM Location: WELL #6 RAW

Collected By RL99

Copies To TONY ROSS

| <u>Parameter(s)</u> | <u>Results</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>     |
|---------------------|----------------|--------------|--------------|----------------------|---------------------|
| Total Coliform      | Negative       |              | Negative     | M9223                | 1/3/2002 3:30:00 PM |
| E_Coliform          | Absent         |              | Absent       | M9223                | 1/3/2002 3:30:00 PM |

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

Date Reported : 2/1/2002

*Joann M. Slavin*



3/29/02  
 Pump Data

MONTHLY GALLONAGE REPORT  
 2002 MARCH

| Date                       | Well 4  | Well 6 | Well 7                  | Well10 | Well11                  | Well12 | Daily Total              |
|----------------------------|---------|--------|-------------------------|--------|-------------------------|--------|--------------------------|
| 1                          | 0       | 674    | 1,097                   | 0      | 0                       | 0      | 1,771                    |
| 2                          | 0       | 0      | 0                       | 0      | 0                       | 0      | 0                        |
| 3                          | 0       | 0      | 0                       | 0      | 0                       | 0      | 0                        |
| 4                          | 0       | 1,774  | 2,603                   | 0      | 675                     | 84     | 5,136                    |
| 5                          | 0       | 559    | 988                     | 0      | 53                      | 14     | 1,614                    |
| 6                          | 0       | 517    | 1,019                   | 0      | 39                      | 10     | 1,585                    |
| 7                          | 0       | 710    | 1,237                   | 0      | 0                       | 0      | 1,947                    |
| 8                          | 0       | 740    | 1,412                   | 0      | 4                       | 15     | 2,171                    |
| 9                          | 0       | 0      | 0                       | 0      | 0                       | 0      | 0                        |
| 10                         | 0       | 0      | 0                       | 0      | 0                       | 0      | 0                        |
| 11                         | 0       | 2,403  | 4,174                   | 0      | 0                       | 228    | 6,805                    |
| 12                         | 0       | 720    | 1,256                   | 0      | 68                      | 200    | 2,244                    |
| 13                         | 0       | 651    | 1,325                   | 0      | 359                     | 48     | 2,383                    |
| 14                         | 0       | 653    | 1,260                   | 0      | 321                     | 125    | 2,359                    |
| 15                         | 0       | 304    | 1,054                   | 0      | 1,080                   | 235    | 2,673                    |
| 16                         | 0       | 0      | 0                       | 0      | 0                       | 0      | 0                        |
| 17                         | 0       | 0      | 0                       | 0      | 0                       | 0      | 0                        |
| 18                         | 0       | 1,082  | 2,908                   | 0      | 3,295                   | 4      | 7,289                    |
| 19                         | 0       | 261    | 927                     | 0      | 1,140                   | 0      | 2,328                    |
| 20                         | 0       | 315    | 976                     | 0      | 1,057                   | 3      | 2,351                    |
| 21                         | 0       | 180    | 1,078                   | 0      | 259                     | 876    | 2,393                    |
| 22                         | 0       | 227    | 936                     | 0      | 75                      | 981    | 2,219                    |
| 23                         | 0       | 0      | 0                       | 0      | 0                       | 0      | 0                        |
| 24                         | 0       | 0      | 0                       | 0      | 0                       | 0      | 0                        |
| 25                         | 0       | 650    | 2,705                   | 0      | 8                       | 2,806  | 6,169                    |
| 26                         | 0       | 478    | 1,124                   | 0      | 0                       | 351    | 1,953                    |
| 27                         | 0       | 402    | 1,057                   | 0      | 93                      | 1,024  | 2,576                    |
| 28                         | 0       | 1,490  | 785                     | 0      | 0                       | 162    | 2,437                    |
| 29                         | 0       | 791    | 546                     | 0      | 2                       | 796    | 2,135                    |
| 30                         | 0       | 0      | 0                       | 0      | 0                       | 0      | 0                        |
| 31                         | 0       | 0      | 0                       | 0      | 0                       | 0      | 0                        |
| Total                      | 0       | 15,581 | 30,467                  | 0      | 8,528                   | 7,962  | 62,538                   |
|                            |         |        | Totalizer<br>This Month |        | Totalizer<br>Last Month |        | Total(x1,000)<br>Gallons |
|                            | Well 4  |        | 1,479,844               |        | 1,479,844               |        | 0                        |
|                            | Well 6  |        | 317,239                 |        | 301,658                 |        | 15,581                   |
|                            | Well 7  |        | 776,184                 |        | 745,717                 |        | 30,467                   |
|                            | Well 10 |        | 764,327                 |        | 764,327                 |        | 0                        |
|                            | Well 11 |        | 400,349                 |        | 391,821                 |        | 8,528                    |
|                            | Well 12 |        | 459,015                 |        | 451,053                 |        | 7,962                    |
| AGS Water Supply Meter     |         |        | 357,323                 |        | 347,676                 |        | 9647.00                  |
| Medical Reactor - Well 105 |         |        | 0                       |        | 0                       |        | 0.00                     |
| Biology Building - Well 9  |         |        | 6,351,800               |        | 6,300,410               |        | 51.39                    |

**ATTACHMENT II**

**Brookhaven National Laboratory  
Potable Water Supply**

**March 2002 Biweekly and Quarterly Water Quality Monitoring Data for  
BNL Well Water and Distribution System Samples;**

**Attachment II**  
**Table 1**  
**Summary of Water Quality Analyses**  
**for the BNL Potable Water System**  
**February 2002**

| Sample Location       | Sample Date | pH  | Temp. Degree F | Conductivity | Alkalinity | Calcium  |
|-----------------------|-------------|-----|----------------|--------------|------------|----------|
| Water Treatment Plant | 3/5/02      | 7.5 | 51             | 148 umhos    | NR         | NR       |
| Water Treatment Plant | 3/7/02      | 7.5 | 54             | 141 umhos    | NR         | NR       |
| Water Treatment Plant | 3/12/02     | 7.4 | 53             | 131 umhos    | NR         | NR       |
| Water Treatment Plant | 3/14/02     | 7.4 | 55             | 144 umhos    | NR         | NR       |
| Water Treatment Plant | 3/19/02     | 7.4 | 53             | 140 umhos    | NR         | NR       |
| Water Treatment Plant | 3/21/02     | 7.5 | 53             | 128 umhos    | NR         | NR       |
| Water Treatment Plant | 3/26/02     | 7.6 | 53             | 139 umhos    | NR         | NR       |
| Water Treatment Plant | 3/28/02     | 7.6 | 53             | 146 umhos    | NR         | NR       |
| Well 11               | 3/5/02      | 7.3 | 54             | 191 umhos    | NR         | NR       |
| Well 11               | 3/7/02      | 7.1 | 55             | 187 umhos    | NR         | NR       |
| Well 11               | 3/12/02     | 6.5 | 55             | 140 umhos    | NR         | NR       |
| Well 11               | 3/14/02     | 6.6 | 55             | 166 umhos    | NR         | NR       |
| Well 11               | 3/19/02     | 6.4 | 55             | 158 umhos    | NR         | NR       |
| Well 11               | 3/21/02     | 7.6 | 55             | 176 umhos    | NR         | NR       |
| Well 11               | 3/26/02     | 6.9 | 55             | 178 umhos    | NR         | NR       |
| Well 11               | 3/28/02     | 7.5 | 55             | 157 umhos    | NR         | NR       |
| Well 12               | 3/5/02      | 7.4 | 56             | 175 umhos    | NR         | NR       |
| Well 12               | 3/7/02      | 7.4 | 56             | 196 umhos    | NR         | NR       |
| Well 12               | 3/14/02     | 7.1 | 55             | 160 umhos    | NR         | NR       |
| Well 12               | 3/19/02     | 6.4 | 55             | 159 umhos    | NR         | NR       |
| Well 12               | 3/21/02     | 7.4 | 55             | 151 umhos    | NR         | NR       |
| Well 12               | 3/26/02     | 7.5 | 56             | 175 umhos    | NR         | NR       |
| Bldg.363              | 1/3/02      | 7.4 | 49             | 157 umhos    | 41.1 mg/L  | 9.6 mg/L |
| Bldg.640              | 1/3/02      | 7.4 | 50             | 166 umhos    | 49.2 mg/L  | 5.7 mg/L |
| Bldg.49               | 1/3/02      | 7.5 | 45             | 160 umhos    | 39.9 mg/L  | 6.2 mg/L |

**NR** - Analysis Not Required or Not Reported

**WTP:** Water Treatment Plant

**Note:** 1. 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 NYSDOH ID# 10478

## LABORATORY RESULTS

BROOKHAVEN NATIONAL LAB.-BNLM  
70 BELL AVE.  
UPTON, NY 11973  
Attn To : BOB LEE

Lab No. : 0201050-004

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

Federal ID 5111891

Client ID. : 11397-004

Collected 1/3/2002 9:00:00 AM Point No 4

Received 1/3/2002 3:00:00 PM Location: B-363 APT.LAUNDRY

Collected By RL99

Copies To TONY ROSS

| <u>Parameter(s)</u>          | <u>Results</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>      |
|------------------------------|----------------|--------------|--------------|----------------------|----------------------|
| Specific Conductance         | 157            | µmhos/cm     |              | E120.1               | 1/3/2002             |
| PH (FIELD)                   | 7.4            | pH units     |              | E150.1               | 1/3/2002             |
| Temperature                  | 9.4            | °C           |              | E170.1               | 1/3/2002             |
| Total Coliform               | Negative       |              | Negative     | M9223                | 1/3/2002 3:30:00 PM  |
| E_Coliform                   | Absent         |              | Absent       | M9223                | 1/3/2002 3:30:00 PM  |
| Alkalinity, Total (As CaCO3) | 41.4           | mg/L         |              | M2320 B              | 1/4/2002 10:10:00 AM |
| Total Residual Chlorine      | 0.2            | mg/L         |              | M4500-CI G           | 1/3/2002             |

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

Date Reported : 2/1/2002

*Joann M. Slavina*

INORGANIC ANALYSIS DATA SHEET

11397-004

Lab Name: H2M LABS, INC.

Contract: \_\_\_\_\_

Lab Code: 10478

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: BNLM117

Matrix (soil/water): WATER

Lab Sample ID: 0201050-004

Level (low/med): LOW

Date Received: 01/03/02

% Solids: \_\_\_\_\_

Concentration Units (ug/L or mg/kg dry weight):

UG/L

| CAS No.   | Analyte   | Concentration | C | Q | M  |
|-----------|-----------|---------------|---|---|----|
| 7429-90-5 | Aluminum  |               |   |   | NR |
| 7440-36-0 | Antimony  |               |   |   | NR |
| 7440-38-2 | Arsenic   |               |   |   | NR |
| 7440-39-3 | Barium    |               |   |   | NR |
| 7440-41-7 | Beryllium |               |   |   | NR |
| 7440-43-9 | Cadmium   |               |   |   | NR |
| 7440-70-2 | Calcium   | 9580          |   |   | P  |
| 7440-47-3 | Chromium  |               |   |   | NR |
| 7440-48-4 | Cobalt    |               |   |   | NR |
| 7440-50-8 | Copper    |               |   |   | NR |
| 7439-89-6 | Iron      |               |   |   | NR |
| 7439-92-1 | Lead      |               |   |   | NR |
| 7439-95-4 | Magnesium |               |   |   | NR |
| 7439-96-5 | Manganese |               |   |   | NR |
| 7439-97-6 | Mercury   |               |   |   | NR |
| 7440-02-0 | Nickel    |               |   |   | NR |
| 7440-09-7 | Potassium |               |   |   | NR |
| 7782-49-2 | Selenium  |               |   |   | NR |
| 7440-22-4 | Silver    |               |   |   | NR |
| 7440-23-5 | Sodium    |               |   |   | NR |
| 7440-28-0 | Thallium  |               |   |   | NR |
| 7440-62-2 | Vanadium  |               |   |   | NR |
| 7440-66-6 | Zinc      |               |   |   | NR |
|           | Cyanide   |               |   |   | NR |
|           |           |               |   |   |    |
|           |           |               |   |   |    |
|           |           |               |   |   |    |
|           |           |               |   |   |    |
|           |           |               |   |   |    |
|           |           |               |   |   |    |
|           |           |               |   |   |    |
|           |           |               |   |   |    |
|           |           |               |   |   |    |

Bldg 363  
water quality

Color Before: COLORLESS Clarity Before: CLEAR

Texture: \_\_\_\_\_

Color After: COLORLESS Clarity After: CLEAR

Artifacts: \_\_\_\_\_

Comments:  
DATE REPORTED 1/25/02

BNLM117 S33

# 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. : 0201050-002

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

Federal ID 5111891

Client ID. : 11397-002

Collected 1/3/2002 10:45:00 AM Point No 2

Received 1/3/2002 3:00:00 PM Location: B-640 WATER TOWER

Collected By RL99

Copies To TONY ROSS

| <u>Parameter(s)</u>          | <u>Results</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>      |
|------------------------------|----------------|--------------|--------------|----------------------|----------------------|
| Specific Conductance         | 166            | µmhos/cm     |              | E120.1               | 1/3/2002             |
| PH (FIELD)                   | 7.4            | pH units     |              | E150.1               | 1/3/2002             |
| Temperature                  | 10             | °C           |              | E170.1               | 1/3/2002             |
| Total Coliform               | Negative       |              | Negative     | M9223                | 1/3/2002 3:30:00 PM  |
| E_Coliform                   | Absent         |              | Absent       | M9223                | 1/3/2002 3:30:00 PM  |
| Alkalinity, Total (As CaCO3) | 49.2           | mg/L         |              | M2320 B              | 1/4/2002 10:04:00 AM |
| Total Residual Chlorine      | 0.7            | mg/L         |              | M4500-CI G           | 1/3/2002             |

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

Date Reported : 2/1/2002

*Joann M. Slavin*

1  
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

11397-002

Lab Name: H2M LABS, INC. \_\_\_\_\_

Contract: \_\_\_\_\_

Lab Code: 10478\_

Case No.: \_\_\_\_\_

SAS No.: \_\_\_\_\_

SDG No.: BNLM117

Matrix (soil/water): WATER\_

Lab Sample ID: 0201050-002\_

Level (low/med): LOW\_

Date Received: 01/03/02\_

% Solids: \_\_\_\_\_

Concentration Units (ug/L or mg/kg dry weight):

UG/L\_

| CAS No.   | Analyte   | Concentration | C | Q | M  |
|-----------|-----------|---------------|---|---|----|
| 7429-90-5 | Aluminum  |               |   |   | NR |
| 7440-36-0 | Antimony  |               |   |   | NR |
| 7440-38-2 | Arsenic   |               |   |   | NR |
| 7440-39-3 | Barium    |               |   |   | NR |
| 7440-41-7 | Beryllium |               |   |   | NR |
| 7440-43-9 | Cadmium   |               |   |   | NR |
| 7440-70-2 | Calcium   | 5690          |   |   | P  |
| 7440-47-3 | Chromium  |               |   |   | NR |
| 7440-48-4 | Cobalt    |               |   |   | NR |
| 7440-50-8 | Copper    |               |   |   | NR |
| 7439-89-6 | Iron      |               |   |   | NR |
| 7439-92-1 | Lead      |               |   |   | NR |
| 7439-95-4 | Magnesium |               |   |   | NR |
| 7439-96-5 | Manganese |               |   |   | NR |
| 7439-97-6 | Mercury   |               |   |   | NR |
| 7440-02-0 | Nickel    |               |   |   | NR |
| 7440-09-7 | Potassium |               |   |   | NR |
| 7782-49-2 | Selenium  |               |   |   | NR |
| 7440-22-4 | Silver    |               |   |   | NR |
| 7440-23-5 | Sodium    |               |   |   | NR |
| 7440-28-0 | Thallium  |               |   |   | NR |
| 7440-62-2 | Vanadium  |               |   |   | NR |
| 7440-66-6 | Zinc      |               |   |   | NR |
|           | Cyanide   |               |   |   | NR |
|           |           |               |   |   |    |
|           |           |               |   |   |    |
|           |           |               |   |   |    |
|           |           |               |   |   |    |
|           |           |               |   |   |    |
|           |           |               |   |   |    |
|           |           |               |   |   |    |
|           |           |               |   |   |    |

*Bldg. Cont.  
Water Quality*

Color Before: COLORLESS\_ Clarity Before: CLEAR\_

Texture: \_\_\_\_\_

Color After: COLORLESS\_ Clarity After: CLEAR\_

Artifacts: \_\_\_\_\_

Comments:

DATE REPORTED 1/25/02 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# 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. : 0201050-001

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

Federal ID 5111891

Client ID. : 11397-001

Collected 1/3/2002 11:05:00 AM Point No 1

Received 1/3/2002 3:00:00 PM Location: B-49 WATER TOWER

Collected By RL99

Copies To TONY ROSS

| Parameter(s)                              | Results  | Units    | Limit    | Method Number | Analyzed            |
|---|----------|----------|----------|---------------|---------------------|
| Specific Conductance                      | 160      | µmhos/cm |          | E120.1        | 1/3/2002            |
| PH (FIELD)                                | 7.5      | pH units |          | E150.1        | 1/3/2002            |
| Temperature                               | 7.2      | °C       |          | E170.1        | 1/3/2002            |
| Total Coliform                            | Negative |          | Negative | M9223         | 1/3/2002 3:30:00 PM |
| E_Coliform                                | Absent   |          | Absent   | M9223         | 1/3/2002 3:30:00 PM |
| Alkalinity, Total (As CaCO <sub>3</sub> ) | 39.9     | mg/L     |          | M2320 B       | 1/4/2002 9:57:00 AM |
| Total Residual Chlorine                   | 0.6      | mg/L     |          | M4500-CI G    | 1/3/2002            |

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

Date Reported : 2/1/2002

WB  
2/1/02

*Joann M. Slavina*





**ATTACHMENT III**

**Brookhaven National Laboratory  
Potable Water Supply**

**2002 First Quarter Principal Organic Compound Data for  
BNL Well Water Samples**

# 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. : 0201050-008B

Sample Information...  
Type : Potable Water  
Origin : Raw Well  
Routine

Federal ID 5111891

Client ID. : 11397-009

Collected : 1/3/2002 9:20:00 AM

Point No : 9

Received : 1/3/2002 3:00:00 PM

Location : WELL #6 RAW

Collected By : RL99

Copies To : TONY ROSS

| Parameter(s)              | Results | Units | Limit | Method Number | Analyzed              |
|---------------------------|---------|-------|-------|---------------|-----------------------|
| Dichlorodifluoromethane   | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| Chloromethane             | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| Vinyl chloride            | < 0.5   | µg/L  | 2     | E502.2        | 1/16/2002 10:54:43 PM |
| Bromomethane              | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| Chloroethane              | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| Trichlorofluoromethane    | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| 1,1-Dichloroethene        | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| Methylene chloride        | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| trans-1,2-Dichloroethene  | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| 1,1-Dichloroethane        | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| cis-1,2-Dichloroethene    | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| 2,2-Dichloropropane       | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| Bromochloromethane        | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| Chloroform                | 0.7     | µg/L  | 50    | E502.2        | 1/16/2002 10:54:43 PM |
| 1,1,1-Trichloroethane     | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| Carbon tetrachloride      | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| 1,1-Dichloropropene       | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| 1,2-Dichloroethane        | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| Trichloroethene           | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| 1,2-Dichloropropane       | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| Dibromomethane            | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| Bromodichloromethane      | < 0.5   | µg/L  | 50    | E502.2        | 1/16/2002 10:54:43 PM |
| trans-1,3-Dichloropropene | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| cis-1,3-Dichloropropene   | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| 1,1,2-Trichloroethane     | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| Tetrachloroethene         | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| 1,3-Dichloropropane       | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| Dibromochloromethane      | < 0.5   | µg/L  | 50    | E502.2        | 1/16/2002 10:54:43 PM |
| Chlorobenzene             | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| 1,1,1,2-Tetrachloroethane | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| Bromoform                 | < 0.5   | µg/L  | 50    | E502.2        | 1/16/2002 10:54:43 PM |
| Bromobenzene              | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| 1,1,2,2-Tetrachloroethane | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| 1,2,3-Trichloropropane    | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| 2-Chlorotoluene           | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| 4-Chlorotoluene           | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| 1,2-Dichlorobenzene       | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| 1,3-Dichlorobenzene       | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| 1,4-Dichlorobenzene       | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |

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

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

Date Reported : 2/1/2002

*Joann M. Slavin*

# H2M LABS, INC.

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

## LABORATORY RESULTS

Lab No. : 0201050-008B

### Sample Information...

Type : Potable Water

Origin : Raw Well

Routine

BROOKHAVEN NATIONAL LAB.-BNLM

70 BELL AVE.

UPTON, NY 11973

Attn To : BOB LEE

Federal ID 5111891

Client ID. : 11397-009

Collected : 1/3/2002 9:20:00 AM

Point No : 9

Received : 1/3/2002 3:00:00 PM

Location : WELL #6 RAW

Collected By : RL99

Copies To : TONY ROSS

| Parameter(s)            | Results | Units | Limit | Method Number | Analyzed              |
|-------------------------|---------|-------|-------|---------------|-----------------------|
| 1,2,4-Trichlorobenzene  | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| Hexachlorobutadiene     | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| 1,2,3-Trichlorobenzene  | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| Benzene                 | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| Toluene                 | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| Ethylbenzene            | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| m,p-Xylene              | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| o-Xylene                | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| Styrene                 | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| Isopropylbenzene        | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| n-Propylbenzene         | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| 1,3,5-Trimethylbenzene  | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| Methyl tert-butyl ether | < 0.5   | µg/L  | 50    | E502.2        | 1/16/2002 10:54:43 PM |
| tert-Butylbenzene       | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| 1,2,4-Trimethylbenzene  | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| 4-Isopropyltoluene      | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| sec-Butylbenzene        | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |
| n-Butylbenzene          | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 10:54:43 PM |

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

Date Reported : 2/1/2002

*Joann M. Alavin*

# 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. : 0201050-009B

Sample Information...  
Type : Potable Water  
Origin : Raw Well  
Routine

Federal ID : 5111891

Client ID. : 11397-010

Collected : 1/3/2002 9:10:00 AM

Point No : 10

Received : 1/3/2002 3:00:00 PM

Location : WELL #7 RAW

Collected By : RL99

Copies To : TONY ROSS

| Parameter(s)              | Results | Units | Limit | Method Number | Analyzed              |
|---------------------------|---------|-------|-------|---------------|-----------------------|
| Dichlorodifluoromethane   | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| Chloromethane             | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| Vinyl chloride            | < 0.5   | µg/L  | 2     | E502.2        | 1/16/2002 11:50:40 PM |
| Bromomethane              | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| Chloroethane              | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| Trichlorofluoromethane    | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| 1,1-Dichloroethene        | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| Methylene chloride        | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| trans-1,2-Dichloroethene  | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| 1,1-Dichloroethane        | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| cis-1,2-Dichloroethene    | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| 2,2-Dichloropropane       | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| Bromochloromethane        | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| Chloroform                | 0.6     | µg/L  | 50    | E502.2        | 1/16/2002 11:50:40 PM |
| 1,1,1-Trichloroethane     | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| Carbon tetrachloride      | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| 1,1-Dichloropropene       | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| 1,2-Dichloroethane        | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| Trichloroethene           | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| 1,2-Dichloropropane       | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| Dibromomethane            | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| Bromodichloromethane      | < 0.5   | µg/L  | 50    | E502.2        | 1/16/2002 11:50:40 PM |
| trans-1,3-Dichloropropene | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| cis-1,3-Dichloropropene   | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| 1,1,2-Trichloroethane     | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| Tetrachloroethene         | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| 1,3-Dichloropropane       | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| Dibromochloromethane      | < 0.5   | µg/L  | 50    | E502.2        | 1/16/2002 11:50:40 PM |
| Chlorobenzene             | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| 1,1,1,2-Tetrachloroethane | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| Bromoform                 | < 0.5   | µg/L  | 50    | E502.2        | 1/16/2002 11:50:40 PM |
| Bromobenzene              | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| 1,1,2,2-Tetrachloroethane | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| 1,2,3-Trichloropropane    | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| 2-Chlorotoluene           | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| 4-Chlorotoluene           | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| 1,2-Dichlorobenzene       | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| 1,3-Dichlorobenzene       | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| 1,4-Dichlorobenzene       | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |

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

Date Reported : 2/1/2002

*Joann M. Alavin*

# H2M LABS, INC.

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

## LABORATORY RESULTS

Lab No. : 0201050-009B

Sample Information...  
Type : Potable Water  
Origin : Raw Well  
Routine

BROOKHAVEN NATIONAL LAB.-BNLM  
70 BELL AVE.  
UPTON, NY 11973  
Attn To : BOB LEE

Client ID. : 11397-010

Federal ID : 5111891  
Collected : 1/3/2002 9:10:00 AM Point No : 10  
Received : 1/3/2002 3:00:00 PM Location : WELL #7 RAW  
Collected By : RL99  
Copies To : TONY ROSS

| Parameter(s)            | Results | Units | Limit | Method Number | Analyzed              |
|-------------------------|---------|-------|-------|---------------|-----------------------|
| 1,2,4-Trichlorobenzene  | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| Hexachlorobutadiene     | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| 1,2,3-Trichlorobenzene  | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| Benzene                 | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| Toluene                 | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| Ethylbenzene            | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| m,p-Xylene              | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| o-Xylene                | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| Styrene                 | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| Isopropylbenzene        | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| n-Propylbenzene         | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| 1,3,5-Trimethylbenzene  | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| Methyl tert-butyl ether | < 0.5   | µg/L  | 50    | E502.2        | 1/16/2002 11:50:40 PM |
| tert-Butylbenzene       | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| 1,2,4-Trimethylbenzene  | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| 4-Isopropyltoluene      | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| sec-Butylbenzene        | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |
| n-Butylbenzene          | < 0.5   | µg/L  | 5     | E502.2        | 1/16/2002 11:50:40 PM |

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

Date Reported : 2/1/2002

*Joann M. Alavin*

# 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. : 0201050-011B

Sample Information...

Type : Potable Water

Origin : Raw Well

Routine

Federal ID 5111891

Client ID. : 11397-012

Collected : 1/3/2002 10:30:00 AM

Point No : 12

Received : 1/3/2002 3:00:00 PM

Location : WELL #11 RAW

Collected By : RL99

Copies To : TONY ROSS

| Parameter(s)              | Results | Units | Limit | Method Number | Analyzed              |
|---------------------------|---------|-------|-------|---------------|-----------------------|
| Dichlorodifluoromethane   | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| Chloromethane             | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| Vinyl chloride            | < 0.5   | µg/L  | 2     | E502.2        | 1/17/2002 12:46:39 AM |
| Bromomethane              | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| Chloroethane              | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| Trichlorofluoromethane    | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| 1,1-Dichloroethene        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| Methylene chloride        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| trans-1,2-Dichloroethene  | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| 1,1-Dichloroethane        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| cis-1,2-Dichloroethene    | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| 2,2-Dichloropropane       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| Bromochloromethane        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| Chloroform                | < 0.5   | µg/L  | 50    | E502.2        | 1/17/2002 12:46:39 AM |
| 1,1,1-Trichloroethane     | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| Carbon tetrachloride      | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| 1,1-Dichloropropene       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| 1,2-Dichloroethane        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| Trichloroethene           | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| 1,2-Dichloropropane       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| Dibromomethane            | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| Bromodichloromethane      | < 0.5   | µg/L  | 50    | E502.2        | 1/17/2002 12:46:39 AM |
| trans-1,3-Dichloropropene | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| cis-1,3-Dichloropropene   | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| 1,1,2-Trichloroethane     | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| Tetrachloroethene         | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| 1,3-Dichloropropane       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| Dibromochloromethane      | < 0.5   | µg/L  | 50    | E502.2        | 1/17/2002 12:46:39 AM |
| Chlorobenzene             | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| 1,1,1,2-Tetrachloroethane | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| Bromoform                 | < 0.5   | µg/L  | 50    | E502.2        | 1/17/2002 12:46:39 AM |
| Bromobenzene              | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| 1,1,2,2-Tetrachloroethane | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| 1,2,3-Trichloropropane    | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| 2-Chlorotoluene           | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| 4-Chlorotoluene           | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| 1,2-Dichlorobenzene       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| 1,3-Dichlorobenzene       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| 1,4-Dichlorobenzene       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |

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

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

Date Reported : 2/1/2002

*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. : 0201050-011B

Sample Information...  
Type : Potable Water  
Origin : Raw Well  
Routine

Federal ID : 5111891  
Collected : 1/3/2002 10:30:00 AM  
Received : 1/3/2002 3:00:00 PM  
Collected By : RL99  
Copies To : TONY ROSS

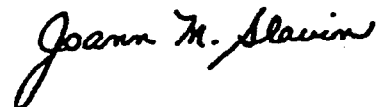
Point No : 12  
Location : WELL #11 RAW

Client ID. : 11397-012

| Parameter(s)            | Results | Units | Limit | Method Number | Analyzed              |
|-------------------------|---------|-------|-------|---------------|-----------------------|
| 1,2,4-Trichlorobenzene  | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| Hexachlorobutadiene     | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| 1,2,3-Trichlorobenzene  | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| Benzene                 | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| Toluene                 | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| Ethylbenzene            | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| m,p-Xylene              | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| o-Xylene                | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| Styrene                 | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| Isopropylbenzene        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| n-Propylbenzene         | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| 1,3,5-Trimethylbenzene  | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| Methyl tert-butyl ether | < 0.5   | µg/L  | 50    | E502.2        | 1/17/2002 12:46:39 AM |
| tert-Butylbenzene       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| 1,2,4-Trimethylbenzene  | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| 4-Isopropyltoluene      | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| sec-Butylbenzene        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |
| n-Butylbenzene          | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 12:46:39 AM |

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

Date Reported : 2/1/2002





# 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. : 0201050-018A

Sample Information...  
Type : Potable Water  
Origin : Treated Well  
Routine

Federal ID 5111891

Client ID. : 11397-022

Collected : 1/3/2002 10:30:00 AM

Point No : 20

Received : 1/3/2002 3:00:00 PM

Location : WELL #11 TREATED

Collected By : RL99

Copies To : TONY ROSS

| Parameter(s)              | Results | Units | Limit | Method Number | Analyzed             |
|---------------------------|---------|-------|-------|---------------|----------------------|
| Dichlorodifluoromethane   | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| Chloromethane             | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| Vinyl chloride            | < 0.5   | µg/L  | 2     | E502.2        | 1/17/2002 3:34:41 AM |
| Bromomethane              | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| Chloroethane              | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| Trichlorofluoromethane    | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| 1,1-Dichloroethene        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| Methylene chloride        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| trans-1,2-Dichloroethene  | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| 1,1-Dichloroethane        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| cis-1,2-Dichloroethene    | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| 2,2-Dichloropropane       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| Bromochloromethane        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| Chloroform                | < 0.5   | µg/L  | 50    | E502.2        | 1/17/2002 3:34:41 AM |
| 1,1,1-Trichloroethane     | 0.6     | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| Carbon tetrachloride      | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| 1,1-Dichloropropene       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| 1,2-Dichloroethane        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| Trichloroethene           | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| 1,2-Dichloropropane       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| Dibromomethane            | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| Bromodichloromethane      | < 0.5   | µg/L  | 50    | E502.2        | 1/17/2002 3:34:41 AM |
| trans-1,3-Dichloropropene | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| cis-1,3-Dichloropropene   | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| 1,1,2-Trichloroethane     | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| Tetrachloroethene         | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| 1,3-Dichloropropane       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| Dibromochloromethane      | < 0.5   | µg/L  | 50    | E502.2        | 1/17/2002 3:34:41 AM |
| Chlorobenzene             | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| 1,1,1,2-Tetrachloroethane | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| Bromoform                 | < 0.5   | µg/L  | 50    | E502.2        | 1/17/2002 3:34:41 AM |
| Bromobenzene              | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| 1,1,2,2-Tetrachloroethane | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| 1,2,3-Trichloropropane    | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| 2-Chlorotoluene           | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| 4-Chlorotoluene           | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| 1,2-Dichlorobenzene       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| 1,3-Dichlorobenzene       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| 1,4-Dichlorobenzene       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |

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

Date Reported : 2/1/2002

# H2M LABS, INC.

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

## LABORATORY RESULTS

Lab No. : 0201050-018A

Sample Information...  
Type : Potable Water  
Origin : Treated Well  
Routine

BROOKHAVEN NATIONAL LAB.-BNLM

70 BELL AVE.

UPTON, NY 11973

Attn To : BOB LEE

Federal ID 5111891

Client ID. : 11397-022

Collected : 1/3/2002 10:30:00 AM

Point No : 20

Received : 1/3/2002 3:00:00 PM

Location : WELL #11 TREATED

Collected By : RL99

Copies To : TONY ROSS

| Parameter(s)            | Results | Units | Limit | Method Number | Analyzed             |
|-------------------------|---------|-------|-------|---------------|----------------------|
| 1,2,4-Trichlorobenzene  | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| Hexachlorobutadiene     | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| 1,2,3-Trichlorobenzene  | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| Benzene                 | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| Toluene                 | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| Ethylbenzene            | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| m,p-Xylene              | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| o-Xylene                | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| Styrene                 | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| Isopropylbenzene        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| n-Propylbenzene         | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| 1,3,5-Trimethylbenzene  | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| Methyl tert-butyl ether | < 0.5   | µg/L  | 50    | E502.2        | 1/17/2002 3:34:41 AM |
| tert-Butylbenzene       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| 1,2,4-Trimethylbenzene  | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| 4-Isopropyltoluene      | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| sec-Butylbenzene        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |
| n-Butylbenzene          | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 3:34:41 AM |

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

Date Reported : 2/1/2002

*Joann M. Alavin*

# 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. : 0201050-012B

Sample Information...  
Type : Potable Water  
Origin : Raw Well  
Routine

Federal ID : 5111891  
Collected : 1/3/2002 10:15:00 AM Point No : 13  
Received : 1/3/2002 3:00:00 PM Location : WELL #12 RAW  
Collected By : RL99  
Copies To : TONY ROSS

Client ID : 11397-013

| Parameter(s)              | Results | Units | Limit | Method Number | Analyzed             |
|---------------------------|---------|-------|-------|---------------|----------------------|
| Dichlorodifluoromethane   | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| Chloromethane             | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| Vinyl chloride            | < 0.5   | µg/L  | 2     | E502.2        | 1/17/2002 1:42:49 AM |
| Bromomethane              | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| Chloroethane              | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| Trichlorofluoromethane    | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| 1,1-Dichloroethane        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| Methylene chloride        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| trans-1,2-Dichloroethene  | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| 1,1-Dichloroethane        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| cis-1,2-Dichloroethene    | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| 2,2-Dichloropropane       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| Bromochloromethane        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| Chloroform                | < 0.5   | µg/L  | 50    | E502.2        | 1/17/2002 1:42:49 AM |
| 1,1,1-Trichloroethane     | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| Carbon tetrachloride      | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| 1,1-Dichloropropene       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| 1,2-Dichloroethane        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| Trichloroethene           | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| 1,2-Dichloropropane       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| Dibromomethane            | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| Bromodichloromethane      | < 0.5   | µg/L  | 50    | E502.2        | 1/17/2002 1:42:49 AM |
| trans-1,3-Dichloropropene | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| cis-1,3-Dichloropropene   | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| 1,1,2-Trichloroethane     | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| Tetrachloroethene         | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| 1,3-Dichloropropane       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| Dibromochloromethane      | < 0.5   | µg/L  | 50    | E502.2        | 1/17/2002 1:42:49 AM |
| Chlorobenzene             | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| 1,1,1,2-Tetrachloroethane | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| Bromoform                 | < 0.5   | µg/L  | 50    | E502.2        | 1/17/2002 1:42:49 AM |
| Bromobenzene              | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| 1,1,2,2-Tetrachloroethane | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| 1,2,3-Trichloropropane    | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| 2-Chlorotoluene           | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| 4-Chlorotoluene           | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| 1,2-Dichlorobenzene       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| 1,3-Dichlorobenzene       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| 1,4-Dichlorobenzene       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |

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

Date Reported : 2/1/2002

*Joann M. Slavin*

BNLM117 S 47

# H2M LABS, INC.

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

## LABORATORY RESULTS

Lab No. : 0201050-012B

Sample Information...

Type : Potable Water

Origin : Raw Well

Routine

BROOKHAVEN NATIONAL LAB.-BNLM

70 BELL AVE.

UPTON, NY 11973

Attn To : BOB LEE

Federal ID 5111891

Client ID. : 11397-013

Collected : 1/3/2002 10:15:00 AM

Point No : 13

Received : 1/3/2002 3:00:00 PM

Location : WELL #12 RAW

Collected By : RL99

Copies To : TONY ROSS

| Parameter(s)            | Results | Units | Limit | Method Number | Analyzed             |
|-------------------------|---------|-------|-------|---------------|----------------------|
| 1,2,4-Trichlorobenzene  | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| Hexachlorobutadiene     | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| 1,2,3-Trichlorobenzene  | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| Benzene                 | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| Toluene                 | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| Ethylbenzene            | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| m,p-Xylene              | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| o-Xylene                | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| Styrene                 | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| Isopropylbenzene        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| n-Propylbenzene         | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| 1,3,5-Trimethylbenzene  | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| Methyl tert-butyl ether | < 0.5   | µg/L  | 50    | E502.2        | 1/17/2002 1:42:49 AM |
| tert-Butylbenzene       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| 1,2,4-Trimethylbenzene  | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| 4-Isopropyltoluene      | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| sec-Butylbenzene        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |
| n-Butylbenzene          | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 1:42:49 AM |

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

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

Date Reported : 2/1/2002

*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

Lab No. : 0201050-019A

Sample Information...  
Type : Potable Water  
Origin : Treated Well  
Routine

BROOKHAVEN NATIONAL LAB.-BNLM  
70 BELL AVE.  
UPTON, NY 11973  
Attn To : BOB LEE

Client ID. : 11397-023

Federal ID : 5111891  
Collected : 1/3/2002 10:20:00 AM Point No : 21  
Received : 1/3/2002 3:00:00 PM Location : WELL #12 TREATED  
Collected By : RL99  
Copies To : TONY ROSS

| Parameter(s)              | Results | Units | Limit | Method Number | Analyzed             |
|---------------------------|---------|-------|-------|---------------|----------------------|
| Dichlorodifluoromethane   | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| Chloromethane             | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| Vinyl chloride            | < 0.5   | µg/L  | 2     | E502.2        | 1/17/2002 4:30:37 AM |
| Bromomethane              | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| Chloroethane              | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| Trichlorofluoromethane    | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| 1,1-Dichloroethene        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| Methylene chloride        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| trans-1,2-Dichloroethene  | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| 1,1-Dichloroethane        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| cis-1,2-Dichloroethene    | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| 2,2-Dichloropropane       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| Bromochloromethane        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| Chloroform                | < 0.5   | µg/L  | 50    | E502.2        | 1/17/2002 4:30:37 AM |
| 1,1,1-Trichloroethane     | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| Carbon tetrachloride      | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| 1,1-Dichloropropene       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| 1,2-Dichloroethane        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| Trichloroethene           | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| 1,2-Dichloropropane       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| Dibromomethane            | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| Bromodichloromethane      | < 0.5   | µg/L  | 50    | E502.2        | 1/17/2002 4:30:37 AM |
| trans-1,3-Dichloropropene | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| cis-1,3-Dichloropropene   | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| 1,1,2-Trichloroethane     | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| Tetrachloroethene         | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| 1,3-Dichloropropane       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| Dibromochloromethane      | < 0.5   | µg/L  | 50    | E502.2        | 1/17/2002 4:30:37 AM |
| Chlorobenzene             | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| 1,1,1,2-Tetrachloroethane | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| Bromoform                 | < 0.5   | µg/L  | 50    | E502.2        | 1/17/2002 4:30:37 AM |
| Bromobenzene              | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| 1,1,2,2-Tetrachloroethane | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| 1,2,3-Trichloropropane    | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| 2-Chlorotoluene           | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| 4-Chlorotoluene           | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| 1,2-Dichlorobenzene       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| 1,3-Dichlorobenzene       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| 1,4-Dichlorobenzene       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |

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

Date Reported : 2/1/2002

# H2M LABS, INC.

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

## LABORATORY RESULTS

Lab No. : 0201050-019A

Sample Information...  
Type : Potable Water  
Origin : Treated Well  
Routine

BROOKHAVEN NATIONAL LAB.-BNLM  
70 BELL AVE.  
UPTON, NY 11973  
Attn To : BOB LEE

Federal ID : 5111891 Client ID. : 11397-023  
Collected : 1/3/2002 10:20:00 AM Point No : 21  
Received : 1/3/2002 3:00:00 PM Location : WELL #12 TREATED  
Collected By : RL99  
Copies To : TONY ROSS

| Parameter(s)            | Results | Units | Limit | Method Number | Analyzed             |
|-------------------------|---------|-------|-------|---------------|----------------------|
| 1,2,4-Trichlorobenzene  | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| Hexachlorobutadiene     | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| 1,2,3-Trichlorobenzene  | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| Benzene                 | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| Toluene                 | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| Ethylbenzene            | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| m,p-Xylene              | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| o-Xylene                | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| Styrene                 | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| Isopropylbenzene        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| n-Propylbenzene         | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| 1,3,5-Trimethylbenzene  | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| Methyl tert-butyl ether | < 0.5   | µg/L  | 50    | E502.2        | 1/17/2002 4:30:37 AM |
| tert-Butylbenzene       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| 1,2,4-Trimethylbenzene  | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| 4-Isopropyltoluene      | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| sec-Butylbenzene        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |
| n-Butylbenzene          | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 4:30:37 AM |

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

Date Reported : 2/1/2002

*Joann M. Slavin*

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040. FAX: (631) 420-9436 NYSDOH ID# 10478

## LABORATORY RESULTS

Lab No. : 0201050-017A

Sample Information...

Type : Potable Water

Origin : Dist.

Routine

BROOKHAVEN NATIONAL LAB.-BNLM

70 BELL AVE.

UPTON, NY 11973

Attn To : BOB LEE

Federal ID 5111891

Client ID. : 11397-020

Collected : 1/3/2002 11:25:00 AM

Point No : 22

Received : 1/3/2002 3:00:00 PM

Location : BLDG. 624 WTP

Collected By : RL99

Copies To : TONY ROSS

| Parameter(s)              | Results | Units | Limit | Method Number | Analyzed             |
|---------------------------|---------|-------|-------|---------------|----------------------|
| Dichlorodifluoromethane   | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| Chloromethane             | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| Vinyl chloride            | < 0.5   | µg/L  | 2     | E502.2        | 1/17/2002 2:38:55 AM |
| Bromomethane              | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| Chloroethane              | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| Trichlorofluoromethane    | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| 1,1-Dichloroethene        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| Methylene chloride        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| trans-1,2-Dichloroethene  | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| 1,1-Dichloroethane        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| cis-1,2-Dichloroethene    | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| 2,2-Dichloropropane       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| Bromochloromethane        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| Chloroform                | < 0.5   | µg/L  | 50    | E502.2        | 1/17/2002 2:38:55 AM |
| 1,1,1-Trichloroethane     | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| Carbon tetrachloride      | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| 1,1-Dichloropropene       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| 1,2-Dichloroethane        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| Trichloroethene           | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| 1,2-Dichloropropane       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| Dibromomethane            | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| Bromodichloromethane      | < 0.5   | µg/L  | 50    | E502.2        | 1/17/2002 2:38:55 AM |
| trans-1,3-Dichloropropene | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| cis-1,3-Dichloropropene   | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| 1,1,2-Trichloroethane     | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| Tetrachloroethene         | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| 1,3-Dichloropropane       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| Dibromochloromethane      | < 0.5   | µg/L  | 50    | E502.2        | 1/17/2002 2:38:55 AM |
| Chlorobenzene             | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| 1,1,1,2-Tetrachloroethane | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| Bromoform                 | < 0.5   | µg/L  | 50    | E502.2        | 1/17/2002 2:38:55 AM |
| Bromobenzene              | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| 1,1,2,2-Tetrachloroethane | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| 1,2,3-Trichloropropane    | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| 2-Chlorotoluene           | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| 4-Chlorotoluene           | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| 1,2-Dichlorobenzene       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| 1,3-Dichlorobenzene       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| 1,4-Dichlorobenzene       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |

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

Date Reported : 2/1/2002

*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. : 0201050-017A

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

Federal ID : 5111891  
Collected : 1/3/2002 11:25:00 AM  
Received : 1/3/2002 3:00:00 PM  
Collected By : RL99  
Copies To : TONY ROSS

Client ID. : 11397-020

Point No : 22  
Location : BLDG. 624 WTP

| Parameter(s)            | Results | Units | Limit | Method Number | Analyzed             |
|-------------------------|---------|-------|-------|---------------|----------------------|
| 1,2,4-Trichlorobenzene  | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| Hexachlorobutadiene     | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| 1,2,3-Trichlorobenzene  | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| Benzene                 | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| Toluene                 | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| Ethylbenzene            | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| m,p-Xylene              | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| o-Xylene                | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| Styrene                 | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| Isopropylbenzene        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| n-Propylbenzene         | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| 1,3,5-Trimethylbenzene  | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| Methyl tert-butyl ether | < 0.5   | µg/L  | 50    | E502.2        | 1/17/2002 2:38:55 AM |
| tert-Butylbenzene       | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| 1,2,4-Trimethylbenzene  | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| 4-Isopropyltoluene      | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| sec-Butylbenzene        | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |
| n-Butylbenzene          | < 0.5   | µg/L  | 5     | E502.2        | 1/17/2002 2:38:55 AM |

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

Date Reported : 2/1/2002

*Joann M. Slavin*



**ATTACHMENT IV**

**Brookhaven National Laboratory  
Potable Water Supply**

**Semi-Annual Inorganic Analyses for the BNL Distribution System**

# 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. : 0201050-016

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

Federal ID 5111891

Client ID. : 11397-019

Collected 1/3/2002 10:55:00 AM Point No 18

Received 1/3/2002 3:00:00 PM Location: B-185 MEN'S ROOM

Collected By RL99

Copies To TONY ROSS

| <u>Parameter(s)</u>      | <u>Results</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>       |
|--------------------------|----------------|--------------|--------------|----------------------|-----------------------|
| Chloride                 | 13.1           | mg/L         | 250          | E325.2               | 1/9/2002 3:08:13 PM   |
| Color                    | < 5            | units        | 15           | E110.2               | 1/4/2002 8:32:00 AM   |
| Specific Conductivity    | 164            | µmhos/cm     |              | M2510 B              | 1/8/2002 11:48:00 AM  |
| Fluoride                 | < 0.10         | mg/L         | 2.2          | M4500F C             | 1/10/2002 12:15:00 PM |
| MBAS                     | < 0.08         | mg/L         |              | E425.1               | 1/4/2002 9:38:00 AM   |
| Nitrogen, Ammonia (As N) | < 0.10         | mg/L         |              | E350.1               | 1/14/2002 2:06:56 PM  |
| Nitrite as N             | < 0.10         | mg/L         | 1            | E353.2               | 1/4/2002 5:16:10 PM   |
| Nitrate as N             | 0.48           | mg/L         | 10           | E353.2               | 1/16/2002 1:43:50 PM  |
| Odor                     | 0              | units        | 3            | E140.1               | 1/4/2002 8:32:00 AM   |
| pH                       | 7.0            | pH Units     |              | E150.1               | 1/3/2002 5:00:00 PM   |
| Sulfate                  | 12.7           | mg/L         | 250          | E375.4               | 1/8/2002 8:45:00 AM   |

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

Date Reported : 2/1/2002

Page 1 of 15 - *2/1/02*

*Joann M. Alavin*

BNLM117 S 54

**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. : 0201050-001B

Sample Information...

Type : Potable Water

Origin : Dist.

Routine

Federal ID 5111891

Client ID. : 11397-001

Collected : 1/3/02 11:05:00 AM

Point No : 1

Received : 1/3/02 3:00:00 PM

Location : DUPLICATE

Collected By : RL99

Copies To : TONY ROSS

| <u>Parameter(s)</u> | <u>Results</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>    |
|---------------------|----------------|--------------|--------------|----------------------|--------------------|
| Calcium             | 6.24           | mg/L         |              | E200.7               | 1/22/02 9:38:00 PM |

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

Date Reported : 2/1/02

*Joann M. Slavin*  
 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. : 0201050-002B

Sample Information...

Type : Potable Water

Origin : Dist.

Routine

Federal ID 5111891

Client ID : 11397-002

Collected : 1/3/02 10:45:00 AM Point No : 2

Received : 1/3/02 3:00:00 PM Location :

Collected By : RL99

Copies To : TONY ROSS

| <u>Parameter(s)</u> | <u>Results</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>    |
|---------------------|----------------|--------------|--------------|----------------------|--------------------|
| Calcium             | 5.69           | mg/L         |              | E200.7               | 1/22/02 9:46:00 PM |

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

Date Reported : 2/1/02

*Joann M. Slavin*  
 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. : 0201050-004B

Sample Information...

Type : Potable Water

Origin : Dist.

Routine

Federal ID 5111891

Client ID. : 11397-004

Collected : 1/3/02 9:00:00 AM

Point No : 4

Received : 1/3/02 3:00:00 PM

Location :

Collected By : RL99

Copies To : TONY ROSS

| <u>Parameter(s)</u> | <u>Results</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>    |
|---------------------|----------------|--------------|--------------|----------------------|--------------------|
| Calcium             | 9.58           | mg/L         |              | E200.7               | 1/22/02 9:54:00 PM |

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

Date Reported : 2/1/02

*Joann M. Slavin*  
 Laboratory Manager

**H2M LABS, INC.**575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040, FAX: (631) 420-9438 NYSDOH ID# 10478**LABORATORY RESULTS**

BROOKHAVEN NATIONAL LAB.-BNLM

70 BELL AVE.

UPTON, NY 11973

Attn To : BOB LEE

Lab No. : 0201050-016A

Sample Information...

Type : Potable Water

Origin : Dist.

Routine

Federal ID 5111891

Client ID : 11397-019

Collected : 1/3/02 10:55:00 AM

Point No : 18

Received : 1/3/02 3:00:00 PM

Location : B-185 MEN'S ROOM

Collected By : RL99

Copies To : TONY ROSS

| <u>Parameter(s)</u> | <u>Results</u> | <u>Units</u> | <u>Limit</u> | <u>Method Number</u> | <u>Analyzed</u>     |
|---------------------|----------------|--------------|--------------|----------------------|---------------------|
| Barium              | < 0.20         | mg/L         | 2            | E200.7               | 1/22/02 10:02:00 PM |
| Beryllium           | < 3.00         | µg/L         | 4            | E200.7               | 1/22/02 10:02:00 PM |
| Cadmium             | < 5.00         | µg/L         | 5            | E200.7               | 1/22/02 10:02:00 PM |
| Chromium            | < 0.01         | mg/L         | 0.1          | E200.7               | 1/22/02 10:02:00 PM |
| Iron                | 0.02           | mg/L         | 0.3          | E200.7               | 1/22/02 10:02:00 PM |
| Manganese           | < 0.01         | mg/L         | 0.3          | E200.7               | 1/22/02 10:02:00 PM |
| Nickel              | < 0.04         | mg/L         | 0.1          | E200.7               | 1/22/02 10:02:00 PM |
| Silver              | < 0.01         | mg/L         | 0.1          | E200.7               | 1/22/02 10:02:00 PM |
| Sodium              | 24.6           | mg/L         |              | E200.7               | 1/22/02 10:02:00 PM |
| Zinc                | < 0.02         | mg/L         | 5            | E200.7               | 1/22/02 10:02:00 PM |
| Arsenic             | < 3.0          | µg/L         | 50           | E200.9               | 1/16/02 11:45:00 AM |
| Lead                | 1.0            | µg/L         | 15           | E200.9               | 1/18/02 9:45:00 AM  |
| Antimony            | < 5.9          | µg/L         | 6            | E200.9               | 1/21/02 11:45:00 AM |
| Selenium            | < 5.0          | µg/L         | 50           | E200.9               | 1/17/02 11:50:00 AM |
| Thallium            | < 1.9          | µg/L         | 2            | E200.9               | 1/23/02 9:10:00 AM  |
| Mercury             | < 0.20         | µg/L         | 2            | E245.1               | 1/8/02 9:06:18 AM   |
| Cyanide             | < 10           | µg/L         | 200          | M4500-CN CE          | 1/9/02 8:27:00 PM   |

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

Date Reported : 2/1/02

*Joann M. Slavin*  
 Laboratory Manager