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**BROOKHAVEN**  
NATIONAL LABORATORY

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

www.bnl.gov

October 8, 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 September 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 Operational Reports for September 2002 and Second Quarter Bacteriological Reports for the BNL Potable Water System.
- Attachment II: September 2002 Biweekly Water Quality Monitoring Data for the BNL Potable Water Wells, Second and Third Quarter Water Quality Data for the BNL Distribution System.
- Attachment III: 2002 Second and Third Quarter Principal Organic Compound Analyses for the BNL Potable Water Wells.
- Attachment IV: 2002 Semi-Annual Inorganic and Nitrate/Nitrite Analyses for the BNL Potable Water Wells and the BNL Distribution System.
- Attachment V: 2002 Annual Asbestos Analytical Results for the BNL Potable Water 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 and Plant Engineering 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 R. Lee at (631) 344-3148, M. Allocco at (631) 344-3166, or W. Chaloupka at (631) 344-7136.

Sincerely,

Handwritten signature of Lori Cunniff in cursive, with the name "Lori Cunniff" written in parentheses to the right.

Lori Cunniff, CEP  
Division Manager

LC/MA:rt

Attachments: As noted

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

EC61ER.02

**ATTACHMENT I**

**Brookhaven National Laboratory  
Potable Water Supply**

**Monthly Operational Reports for September 2002  
and  
Second Quarter Bacteriological Reports for the BNL Potable Water System**

# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 159	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD: September 2002
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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 month	CHLORINATION				pH		Totalizer Daily Totalizer 12655463
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl2 Residual mg/l	Lime Sodium Hydroxide		
		Gallons	Cl2 use per 24hrs		Sodium	Totalizer	
1	0						
2	0						
3	2075	155	25	0.5	7.4	12657538	
4	836	145	10	0.95	7.4	12658374	
5	833	135	10	0.88	7.6	12659207	
6	838	125	10	1.2	7.6	12660045	
7	0						
8	0						
9	2181	100	25	1.3	7.5	12662226	
10	898	90	10	1.2	7.6	12663124	
11	983	78	12	0.9	7.7	12664107	
12	954	70	8	0.81	7.6	12664961	
13	783	60+140	10	1	7.6	12665744	
14	0						
15	0						
16	2390	190	20	0.62	7.5	12668134	
17	693	190	0	0.73	7.5	12668827	
18	609	180	0	1.1	7.5	12669436	
19	640	175	5	0.83	7.6	12670076	
20	706	170+30	5	0.83	7.6	12670782	
21	0						
22	0						
23	2059	187	13	0.72	7.5	12672841	
24	722	180	7	1.01	7.1	12673563	
25	681	177	3	0.88	7.2	12674244	
26	680	170	7	1.08	7.6	12674924	
27	775	168	2	1.3	7.6	12675699	
28	0						
29	0						
30	1397	155	13	0.91	7.1	12677696	
31	0						
Total	21033		195				
Avg	741.10		6.50	No. Days:	30		

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: [Signature]

Date: 10-2-02

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: SEPTEMBER 2002

LOCATION: **WELL NO. 4**

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

Source: Ground Water

Does the system have a chlorination waiver? YES \_\_\_\_\_ NO   C  

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer 1479844
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl2 Residual mg/l	Lime Sodium Hydroxide		
		Gallons	Cl2 use per 24hrs				
1	0	130	0	NR	NR	1479844	
2	0	130	0	NR	NR	1479844	
3	0	130	0	NR	NR	1479844	
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	130	0	NR	NR	1479844	
10	0	130	0	NR	NR	1479844	
11	0	130	0	NR	NR	1479844	
12	3.785	130	0	NR	NR	1483629	
13	97	130	0	NR	NR	1483726	
14	0	130	0	NR	NR	1483732	
15	61	130	0	NR	NR	1483775	
16	43	130	0	2.08	5.8	1483936	
17	61	0	0	0.3	5.7	1483944	
18	108	0	0	0.53	5.9	1484170	
19	226	0	0	0.07	5.8	148426	
20	0	0	0	0.08	5.9	1484526	
21	356	0	0	0.09	5.9	1484577	
22	51	0	0	0.12	5.9	1484609	
23	29	30	0	0.07	5.9	1485021	
24	415	75.75	5	0.07	5.9	1485497	
25	172	140	10	1	5.9	1486445	
26	0	112	20	0.03	5.8	1486445	
27	0	43					
28	0						
29	0						
30	0						
31	0						
Avg	23.17		1.44	1.15	5.8		

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   C  

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   C  

If yes, check reason(s) below.

\_\_\_ Two or more positive total coliform samples for systems collecting 40 or more samples (routine, repeat or future) 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   J.C. [Signature]  

Title   Water Systems Supervisor  

Date   10-23-02  

Certification No.   NY0031941

# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169      STATION 11515100      SUFFOLK COUNTY      REPORTING PERIOD: SEPTEMBER 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 Daily Totalizer 343736
	Treated Water	Liquid Sodium Hypochlorite	Free Cl2 Residual	Free Cl2 Residual	Lime Sodium Hydroxide		
	K Gals	Gallons	Cl2 use per 24hrs	mg/l			
1	0						
2	0						
3	1,126	180	10	0.6	5.9	344862	
4	436	170	10	0.04	5.9	345298	
5	455	160	10	0.65	5.9	345753	
6	413	160+30	0	0.03	5.9	346166	
7	0						
8	0						
9	1,097	172	18	1	5.9	347263	
10	156	170	2	0.06	5.9	347419	
11	216	168	2	1.3	5.9	347635	
12	139	162	6	0.02	5.9	347774	
13	180	160+30	2	0.05	6	347954	
14	0						
15	0						
16	479	180	10	1.9	5.9	348433	
17	171	178	2	2.08	5.8	348604	
18	225	172	6	0.3	5.7	348829	
19	372	170	2	0.53	5.9	349201	
20	259	163	7	0.02	5.8	349460	
21	0						
22	0						
23	881	150	13	0.08	5.9	350341	
24	321	140	10	0.09	5.9	350662	
25	477	138	2	0.12	5.9	351139	
26	181	135+65	3	0.02	5.9	351320	
27	167	200	0	1	5.9	351487	
28	0						
29	0						
30	146	195	5	0.03	5.8	351633	
31	0						
TOT	7,897		120				
AVG	254.23		4.00	No. Days:	30		

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 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 [Signature]

Date 10-2-02

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: SEPTEMBER 2002

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 Daily Totalizer 861870
	Treated Water	Liquid Sodium Hypochlorite Gallons	Free Cl <sub>2</sub> Residual	Free Cl <sub>2</sub> use per 24hrs	Lime	Sodium Hydroxide	
	K. Gals	170	mg/l				
1	0						
2	0						
3	2,446	130	40	0.6	5.9	864316	
4	943	110	22	0.04	5.9	865259	
5	1,215	85	25	0.65	5.9	866474	
6	1,081	60+140	25	0.03	5.9	867555	
7	0						
8	0						
9	2,651	145	55	1	5.9	870206	
10	1,120	120	25	0.06	5.9	871326	
11	1,239	90	30	1.3	5.9	872565	
12	967	70	20	0.02	5.9	873532	
13	954	60+140	10	0.05	6	874486	
14	0						
15	0						
16	3,008	111	89	1.9	5.9	877494	
17	774	84	27	2.08	5.8	878268	
18	820	58	26	0.3	5.7	879058	
19	129	70+170	28	0.53	5.9	879917	
20	805	184	16	0.02	5.8	880622	
21	0						
22	0						
23	2,349	105	24	0.08	5.9	882971	
24	260	80	25	0.09	5.9	883831	
25	946	50	30	0.12	5.9	884767	
26	739	40+170	23	0.02	5.9	885506	
27	876	182	18	1	5.9	886382	
28	0						
29	0						
30	2,052	140	22	0.03	5.8	888634	
31	0						
32	2,764		22				
33	88218		22	No Data	5.9		

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 lower 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 a month, repeat or nitrate 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 10-2-02

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: SEPTEMBER

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 month	CHLORINATION				pH		Totalizer Daily Totalizer 764327
	Treated Water	Liquid Sodium Hypochlorite		Free Cl <sub>2</sub>	— Lime	Sodium Hydroxide	
		K Gals	Gallons	Cl <sub>2</sub> use per 24hrs	Residual mg/l		
1	0	58	0	NR	NR	764327	
2	0	58	0	NR	NR	764327	
3	0	58	0	NR	NR	764327	
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	58	0	NR	NR	764327	
10	0	58	0	NR	NR	764327	
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	58	0	NR	NR	764327	
17	0	58	0	NR	NR	764327	
18	0	58	0	NR	NR	764327	
19	0	0	0	NR	NR	764327	
20	0	0	0	NR	NR	764327	
21	0	0	0	NR	NR	764327	
22	0	0	0	NR	NR	764327	
23	0	0	0	NR	NR	764327	
24	0	0	0	NR	NR	764327	
25	0	0	0	NR	NR	764327	
26	0	0	0	NR	NR	764327	
27	0	0	0	NR	NR	764327	
28	0	0	0	NR	NR	764327	
29	0	0	0	NR	NR	764327	
30	50	0	0	NR	NR	764377	
31	0	0	0	NR	NR	764327	
TOT	50	0	0	NR	NR	764327	
AVG	1.67	0.00	No. Days	30			

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 turbid) 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 HC [Signature]

Title: Water Systems Supervisor

Date 10-2-02

Certification No. NY0031941



# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169

STATION 11515100

SUFFOLK COUNTY

REPORTING PERIOD: SEPTEMBER

2002

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 Daily Totalizer 458663
	Treated Water K. Gals	Liquid Sodium Hypochlorite		Free Cl <sub>2</sub> Residual mg/l	Lime Sodium Hydroxide		
		Gallons	Cl <sub>2</sub> use per 24hrs		—	—	
1	0						
2	0						
3	0	190	0	0.39	7.9	458663	
4	2	190	0	0.21	6.7	458665	
5	12	190	0	0.35	7.2	458677	
6	0	190	0	NR	NR	458677	
7	0						
8	0						
9	0	190	0	0.3	6.9	458677	
10	3	190	0	0.59	6.5	458680	
11	2	190	0	0.50	7.2	458682	
12	2	190	0	0.51	6.7	458684	
13	1	190	0	0.59	6.7	458685	
14	0						
15	0						
16	1	190	0	0.6	6.8	458686	
17	22	190	0	0	7	458758	
18	20	190	0	0.03	6.6	458778	
19	6	190	0	NR	NR	458784	
20	0	190	0	NR	NR	458784	
21	0						
22	0						
23	0	190	0	0.0	6.6	458790	
24	1	190	0	0	6.5	458791	
25	37	190	0	0	6.8	458828	
26	17	190	0	0	7.4	458845	
27	3	190	0	NR	NR	458845	
28	0						
29	0						
30	1,224	190	0	NR	NR	460472	
31	0						
9/30	1,809		0				
2002	58.3%		0.00	per Day	7.0		

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 lower 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 hit/hi) 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: 10/2/02

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: SEPTEMBER 2002

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 month	CHLORINATION				pH		Totalizer Daily Totalizer
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl <sub>2</sub> Residual mg/l	Lime Sodium Hydroxide		
		Gallons	Cl <sub>2</sub> use per 24hrs		Sodium	Totalizer	
1	0						
2	0						
3	4	190	0	0.6	8.1	578918	
4	0	190	0	0.64	7.2	578918	
5	1	190	0	NR	NR	578919	
6	0	190	0	NR	NR	578919	
7	0						
8	0						
9	12	190	0	NR	NR	578931	
10	1	190	0	0.59	7	578932	
11	31	190	0	0.85	7.4	578935	
12	1	190	0	0.83	7.6	578936	
13	1	190	0	0.56	7.1	578937	
14	0						
15	0						
16	8	190	0	0.35	7.2	578945	
17	45	190	0	0	7.1	578990	
18	241	185	5	0.2	7.2	579231	
19	188	178	7	0.3	7.4	579419	
20	54	172	6	0.31	7.5	579473	
21	0						
22	0						
23	222	170	2	0.92	7.7	579695	
24	161	160	10	0.15	8	579856	
25	224	152	8	0.18	8.6	580090	
26	182	150	2	0.2	8.2	580242	
27	14	150	0	NR	NR	580256	
28	0						
29	0						
30	0						580258
31	0						
TOT	1344		40				
Avg	44.82		1.33	No. Days:	30		

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 per 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 J. A. Ross

Title Water Systems Supervisor

Date 10-2-02

Certification No. NY0031941

9/30/02  
Pump Data

MONTHLY GALLONAGE REPORT  
2002 SEPTEMBER.xls

Date	Well 4	Well 6	Well 7	Well 10	Well 11	Well 12	Daily Total
1	0	0	0	0	0	0	0
2	0	0	0	0	0	4	3,576
3	0	1,126	2,446	0	2	0	1,381
4	0	436	943	0	12	1	1,683
5	0	455	1,215	0	0	0	1,494
6	0	413	1,081	0	0	0	0
7	0	0	0	0	0	0	0
8	0	0	0	0	0	12	3,760
9	0	1,097	2,651	0	3	1	1,280
10	0	156	1,120	0	2	3	1,460
11	0	216	1,239	0	2	1	4,894
12	3,785	139	967	0	1	1	1,233
13	97	180	954	0	0	0	0
14	0	0	0	0	0	0	0
15	0	0	0	0	1	8	3,502
16	6	479	3,008	0	72	45	1,105
17	43	171	774	0	20	241	1,367
18	61	225	820	0	6	188	1,403
19	108	372	729	0	0	54	1,344
20	226	259	805	0	0	0	0
21	0	0	0	0	0	0	0
22	0	0	0	0	6	222	3,814
23	356	881	2,349	0	1	161	1,394
24	51	321	860	0	37	234	1,713
25	29	477	936	0	17	152	1,504
26	415	181	739	0	3	14	1,532
27	472	167	876	0	0	0	0
28	0	0	0	0	0	0	0
29	0	0	0	0	0	2	5,030
30	956	146	2,252	50	1,624	0	0
31	0	0	0	0	0	0	0
31	0	0	0	50	1,809	1,344	44,469
Total	6,605	7,897	26,764	50	1,809	1,344	44,469
			Totalizer This Month		Totalizer Last Month		Total(x1,000) Gallons
		Well 4	1,486,449		1,479,844		6,605
		Well 6	351,633		343,736		7,897
		Well 7	888,634		861,870		26,764
		Well 10	764,377		764,327		50
		Well 11	460,472		458,663		1,809
		Well 12	580,258		578,914		1,344
							0.00
AGS Water Supply Meter			409,224		409,224		0.00
Medical Reactor - Well 105			0		0		0.00
Biology Building - Well 9			5,665,250		5,598,880		66.37

# H2M LABS, INC.

575 Brook Hollow Road, Malverne, NY 11747  
 (631) 664-3040 FAX: (631) 420-8156 NYS DOH ID# 10178

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Tony Ross

Federal ID : 5111891

Copies To : Bob Lee

Received : 09/05/02 2:27 PM

Collected By : JK00

Sample Type : Potable Water

Date Reported : 9/5/02

Lab Number	Location	Collected	Unit	Total Coliform	E. Coliform	Total Residual Chlorine
Route			Limits	Results	Results	mg/L
0209183-001A	14853-001 B-45 Water Tower	09/05/02 8:53 AM		18223 Negative	18223 Absent	M4500-Cl G N/A
0209183-002A	14853-002 B-640 Water Tower	09/05/02 9:12 AM		9/5/02 4:30:00 PM Negative	9/5/02 4:30:00 PM Absent	0.7 9/5/02
0209183-003A	14853-003 B-1075 Rivic	09/05/02 9:30 AM		9/5/02 4:30:00 PM Negative	9/5/02 4:30:00 PM Absent	0.5 9/5/02
0209183-004A	14853-004 B-363 Ash Laundry	09/05/02 10:20 AM		9/5/02 4:30:00 PM Negative	9/5/02 4:30:00 PM Absent	0.4 9/5/02
0209183-005A	14853-005 B-500 Linc	09/05/02 10:45 AM		9/5/02 4:30:00 PM Negative	9/5/02 4:30:00 PM Absent	0.7 9/5/02
0209183-006A	14853-006 B-190 Outpatient Clinic	09/05/02 11:00 AM		9/5/02 4:30:00 PM Negative	9/5/02 4:30:00 PM Absent	1.0 9/5/02
0209183-007A	14853-007 E-450 Wash II	09/05/02 11:15 AM		9/5/02 4:30:00 PM Negative	9/5/02 4:30:00 PM Absent	0.3 9/5/02

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



QA Manager

# H2M LABS, INC.

575 Boardwalk Road, Marine NY 11747  
 (631) 664-3040, FAX: (631) 420-8436, NYS DOH ID # 10478

Brookhaven National Lab.-BNLM  
 70 Bell Ave.

Upton, NY 11973

Attn To : Tony Ross

Federal ID : 5111891

Copies To : Bob Lee

## LABORATORY RESULTS

Received : 09/05/02 2:27 PM

Collected By : JK00

Sample Type : Potable Water

Date Reported : 9/5/02

Lab Number	Location	Collected	Total Coliform	E. Coliform	Total Residual Chlorine
0209183-008A	14653 0018	08/02/02 11:15 AM	15223 Negative	15223 Absent	0.3 N/A
0209183-008A	14653 0018	08/02/02 11:15 AM	15223 Negative	15223 Absent	0.3 N/A
0208183-009A	14653-009	08/05/02 1:00 PM	Negative	Absent	0.3
0208183-009A	Well #4 Raw	08/05/02 1:00 PM	Negative	Absent	0.3

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



QA Manager

# H2M LABS, INC.

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

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

## LABORATORY RESULTS

Lab No. : 0204190-008A

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

Federal ID : 5111891

Client ID. : 11402-009

Collected : 4/4/02 10:35:00 AM

Point No : 9

Received : 4/4/02 3:13:00 PM

Location : Well #6 Raw

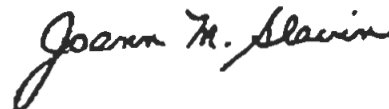
Collected By : RL99

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	4/4/02 5:30:00 PM
E_Coliform	Absent		Absent	M9223	4/4/02 5:30:00 PM

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

Date Reported : 5/10/02



Laboratory Manager

# H2M LABS, INC.

575 Broad Hollow Road, Mineville NY 11747  
(631) 694-3040. FAX: (631) 420-8433 NYSDOH ID# 10478

## LABORATORY RESULTS

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

Lab No. : 0204190-009A

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

Federal ID 5111891

Client ID. : 11402-010

Collected : 4/4/02 10:30:00 AM

Point No : 10

Received : 4/4/02 3:10:00 PM

Location : Well #7 Raw

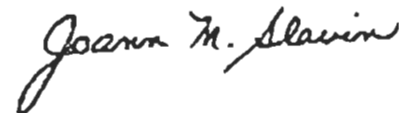
Collected By : RL99

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	4/4/02 5:30:00 PM
E_Coliform	Absent		Absent	M9223	4/4/02 5:30:00 PM

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

Date Reported : 5/10/02



Laboratory Manager

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0204190-010A

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

Federal ID : 511189  
Collected : 4/4/02 11:00:00 AM  
Received : 4/4/02 3:10:00 PM  
Collected By : RL99  
Copies To : TONY ROSS

Client ID : 11402-012

Point No : 12  
Location : Well #11 Raw

<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	4/4/02 5:30:00 PM
E_Coliform	Absent		Absent	M9223	4/4/02 5:30:00 PM

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

Date Reported : 5/10/02

*Joann M. Slawin*

Laboratory Manager



# H2M LABS, INC.

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

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

## LABORATORY RESULTS

Lab No. : 0204190-011A

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

Federal ID 5111891

Client ID. : 11402-013

Collected : 4/8/02

Point No : 13

Received : 4/4/02 3:10:00 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	4/4/02 5:30:00 PM
E_Coliform	Absent		Absent	M9223	4/4/02 5:30:00 PM

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

Date Reported : 5/10/02

*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

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

## LABORATORY RESULTS

Lab No. : 0204190-013A

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

Federal ID : 5111891

Client ID. : 11402-016

Collected : 4/4/02 11:05:00 AM

Point No : 056-31

Received : 4/4/02 3:10:00 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	4/4/02 5:30:00 PM
E_Coliform	Absent		Absent	M9223	4/4/02 5:30:00 PM

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

Date Reported : 5/10/02

*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

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

## LABORATORY RESULTS

Lab No. : 0204190-014A

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

Federal ID : 5111891

Client ID : 11402-017

Collected : 4/4/02 10:50:00 AM

Point No : 056-32

Received : 4/4/02 3:10:00 PM

Location : Well #12 Gac Filter 657

Collected By : RL89

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	4/4/02 5:30:00 PM
E_Coliform	Absent		Absent	M9223	4/4/02 5:30:00 PM

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

Date Reported : 5/10/02

*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

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

## LABORATORY RESULTS

Lab No. : 0204190-012A

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

Federal ID : 5111891

Client ID. : 11402-014

Collected : 4/4/02 11:10:00 AM

Point No : 14

Received : 4/4/02 3:10:00 PM

Location : Wtf Packed Tower 648

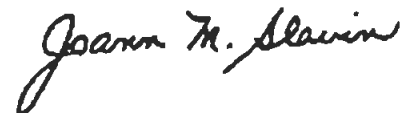
Collected By : RL99

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	4/4/02 5:30:00 PM
E_Coliform	Absent		Absent	M9223	4/4/02 5:30:00 PM

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

Date Reported : 5/10/02



Laboratory Manager

**ATTACHMENT II**

**Brookhaven National Laboratory  
Potable Water Supply**

**September 2002 Biweekly Water Quality Monitoring Data for  
the BNL Potable Water Wells,  
Second, and Third Quarter Water Quality Data for the BNL Distribution System**

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

Sample Location	Sample Date	pH (SU)	Temperature (Degrees F)	Conductivity (µmhos)	Alkalinity (mg/L)	Calcium (mg/L)
WTP	9/3/02	7.5	57	140	NR	NR
WTP	9/5/02	7.6	57	158	NR	NR
WTP	9/10/02	7.7	56	153	NR	NR
WTP	9/12/02	7.6	56	144	NR	NR
WTP	9/17/02	7.5	57	149	NR	NR
WTP	9/19/02	7.6	56	156	NR	NR
WTP	9/24/02	7.1	57	222	NR	NR
WTP	9/26/02	7.6	57	148	NR	NR
Well 11	9/3/02	7.9	55	298	NR	NR
Well 11	9/5/02	7.2	55	185	NR	NR
Well 11	9/10/02	6.5	55	183	NR	NR
Well 11	9/12/02	6.7	55	166	NR	NR
Well 11	9/17/02	7.0	57	181	NR	NR
Well 11	9/19/02	NR	NR	NR	NR	NR
Well 11	9/24/02	6.5	55	169	NR	NR
Well 11	9/26/02	7.4	55	192	NR	NR
Well 12	9/3/02	8.1	55	179	NR	NR
Well 12	9/5/02	NR	NR	NR	NR	NR
Well 12	9/10/02	7.0	55	175	NR	NR
Well 12	9/12/02	7.6	55	156	NR	NR
Well 12	9/17/02	7.1	55	181	NR	NR
Well 12	9/19/02	7.4	56	190	NR	NR
Well 12	9/24/02	8.0	55	181	NR	NR
Well 12	9/26/02	8.2	55	180	NR	NR
Bldg. 363	4/4/02	7.9	52	140	14	7.76
Bldg. 363	7/11/02	7.7	73	167	51	7.82
Bldg. 640	4/4/02	7.8	57	168	52	6.13
Bldg. 640	7/11/02	7.6	68	159	49	6.23
Bldg. 49	4/4/02	7.4	57	139	15.5	7.25
Bldg. 49	7/11/02	7.5	68	162	50	6.64

NR - Analysis Not Required or Not Reported

WTP - Water Treatment Plant

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

**H2M LABS, INC.**575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040, FAX: (631) 421-8438 NYSDOH ID# 10478Brookhaven National Lab.-BNLM  
70 Bell Ave.  
Upton, NY 11973  
Attn To : TONY ROSS**LABORATORY RESULTS**

Lab No. : 0204190-020A

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

Federal ID 5111891

Client ID. : 11402-024

Collected : Point No : 109-19  
Received : 4/4/02 3:10:00 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	140	µmhos/cm		E120.1	4/4/02
PH (FIELD)	7.9	pH units		E150.1	4/4/02
Temperature	11	°C		E170.1	4/4/02
Calcium	7.76	mg/L		E200.7	4/30/02 11:17:00 PM
Alkalinity, Total (As CaCO3)	14.2	mg/L		M2320 B	4/5/02 1:10:00 PM

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

Date Reported : 5/10/02

*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 : TONY ROSS

Lab No. : 0204190-019A

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

Federal ID 5111891

Client ID. : 11402-023

Collected : 4/4/02

Point No : 076-408

Received : 4/4/02 3:10:00 PM

Location : B-640 Water Tower

Collected By : RL89

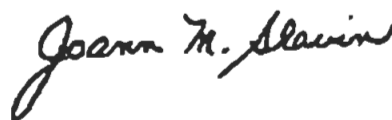
Copies To : TONY ROSS

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Specific Conductance	168	µmhos/cm		E120.1	4/4/02
PH (FIELD)	7.8	pH units		E150.1	4/4/02
Temperature	14	°C		E170.1	4/4/02
Calcium	6.13	mg/L		E200.7	4/30/02 11:09:00 PM
Alkalinity, Total (As CaCO3)	52.3	mg/L		M2320 B	4/5/02 12:55:00 PM

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

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

Date Reported : 5/10/02



Laboratory Manager



**H2M LABS, INC.**575 Broad Hollow Road, Melville NY 11747  
(831) 694-3040 .FAX: (831) 421-8436 NYSDOH ID# 10478**LABORATORY RESULTS**

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : TONY ROSS

Lab No. : 0204190-018A

Sample Information...

Type : Potable Water

Origin : Dist.

Routine

Federal ID 5111891

Client ID. : 11402-022

Collected : 4/4/02

Point No : 094-273

Received : 4/4/02 3:10:00 PM

Location : B-49 Water Tower

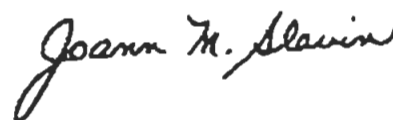
Collected By : RL99

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	139	µmhos/cm		E120.1	4/4/02
PH (FIELD)	7.4	pH units		E150.1	4/4/02
Temperature	14	°C		E170.1	4/4/02
Calcium	7.25	mg/L		E200.7	4/30/02 10:39:00 PM
Alkalinity, Total (As CaCO3)	15.5	mg/L		M2320 B	4/5/02 12:52:00 PM

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

Date Reported : 5/10/02



Laboratory Manager

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(516) 694-3040 FAX: (516) 420-8436 NYSDOHID# 10478

## LABORATORY RESULTS

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

Lab No. : 0207356-004

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

Federal ID 5111891

Client ID. : 14848-004

Collected 7/11/2002 8:55:00 AM Point No 109-19  
Received 7/11/2002 3:15:00 PM Location: B-363 Apt.Laundry  
Collected By SB99  
Copies To Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Specific Conductance	167	µmhos/cm		E120.1	7/11/2002
PH (FIELD)	7.7	pH units		E150.1	7/11/2002
Temperature	23	°C		E170.1	7/11/2002
Total Coliform	Negative		Negative	M9223	7/12/2002 10:30:00 AM
E_Coliform	Absent		Absent	M9223	7/12/2002 10:30:00 AM
Alkalinity, Total (As CaCO3)	51.4	mg/L		M2320 B	7/15/2002 10:21:00 AM
Total Residual Chlorine	0.5	mg/L		M4500-CI G	7/11/2002

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

Date Reported : 8/12/2002

*Joann M. Slavin*

Laboratory Manager

Page 1 of 17 (4) 8/12/02

BNLM123 S44

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
 (631) 694-3040. FAX: (631) 420-4436 NYSDOH ID# 10478

## LABORATORY RESULTS

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

Lab No. : 0207356-004B

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

Federal ID 5111891

Client ID : 14848-004

Collected : 7/11/02 8:55:00 AM

Point No : 109-19

Received : 7/11/02 3:15:00 PM

Location : B-363 Apt.Laundry

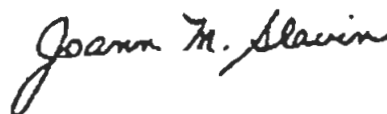
Collected By : SB99

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	7820	µg/L		E200.7	7/20/02 10:02:00 AM

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

Date Reported : 8/12/02



Laboratory Manager

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040 . FAX: (631) 420-8438 NYSDOH ID# 10478

## LABORATORY RESULTS

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

Lab No. : 0207356-002

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

Federal ID 5111891

Client ID. : 14848-002

Collected 7/11/2002 8:40:00 AM Point No 076-408  
Received 7/11/2002 3:15:00 PM Location: B-640 Water Tower  
Collected By SB99  
Copies To Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Specific Conductance	159	µmhos/cm		E120.1	7/11/2002
PH (FIELD)	7.6	pH units		E150.1	7/11/2002
Temperature	20	°C		E170.1	7/11/2002
Total Coliform	Negative		Negative	M9223	7/12/2002 10:30:00 AM
E_Coliform	Absent		Absent	M9223	7/12/2002 10:30:00 AM
Alkalinity, Total (As CaCO3)	49.0	mg/L		M2320 B	7/15/2002 10:05:00 AM
Total Residual Chlorine	0.5	mg/L		M4500-Cl G	7/11/2002

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

Date Reported : 8/12/2002

*Joann M. Slavin*

Laboratory Manager

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BNLMI23 S41

**H2M LABS, INC.**575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040, FAX: (631) 420-8436 NYSDOH ID# 10478

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : S. SCARPITTA

Federal ID 5111891

Collected : 7/11/02 8:40:00 AM

Received : 7/11/02 3:15:00 PM

Collected By : SB99

Copies To : Tony Ross

**LABORATORY RESULTS**

Lab No. : 0207356-002B

Sample Information...

Type : Potable Water

Origin : Dist.

Routine

Client ID. : 14848-002

Point No : 076-408

Location : B-640 Water Tower

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Calcium	6230	µg/L		E200.7	7/20/02 9:54:00 AM

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

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

Date Reported : 8/12/02

*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 : S. SCARPITTA

Lab No. : 0207356-001

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

Federal ID 5111891

Client ID. : 14848-001

Collected 7/11/2002 8:30:00 AM Point No 094-273  
Received 7/11/2002 3:15:00 PM Location: B-49 Water Tower  
Collected By SB99  
Copies To Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Specific Conductance	162	µmhos/cm		E120.1	7/11/2002
PH (FIELD)	7.5	pH units		E150.1	7/11/2002
Temperature	20	°C		E170.1	7/11/2002
Total Coliform	Negative		Negative	M9223	7/12/2002 10:30:00 AM
E_Coliform	Absent		Absent	M9223	7/12/2002 10:30:00 AM
Alkalinity, Total (As CaCO3)	50.0	mg/L		M2320 B	7/15/2002 10:01:00 AM
Total Residual Chlorine	0.5	mg/L		M4500-CI G	7/11/2002

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

Date Reported : 8/12/2002

*Joann M. Slavin*

Laboratory Manager

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
 (631) 894-3040. FAX: (631) 420-8433 NYSDOH ID# 10478

## LABORATORY RESULTS

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

Lab No. : 0207356-001B

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

Federal ID 5111891

Client ID. : 14848-001

Collected : 7/11/02 8:30:00 AM

Point No : 094-273

Received : 7/11/02 3:15:00 PM

Location : B-49 Water Tower

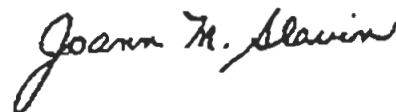
Collected By : SB99

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	6640	µg/L		E200.7	7/20/02 9:47:00 AM

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

Date Reported : 8/12/02



Laboratory Manager

**ATTACHMENT III**

**Brookhaven National Laboratory  
Potable Water Supply**

**2002 Second and Third Quarter Principal Organic Compound Analyses  
for the BNL Potable Water Wells**



**H2M LABS, INC.**575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040 FAX: (631) 420-4438 NYSDOH ID# 10478**LABORATORY RESULTS**Brookhaven National Lab.-BNLM  
70 Bell Ave.  
Upton, NY 11973  
Attn To : TONY ROSS

Lab No. : 0204190-008A

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

Federal ID 5111891

Client ID. : 11402-009

Collected : 4/4/02 10:35:00 AM

Point No : 9

Received : 4/4/02 3:10:00 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	4/17/02 11:26:42 PM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
Benzene	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
Toluene	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
Ethylbenzene	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
m,p-Xylene	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
o-Xylene	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
Styrene	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	4/17/02 11:26:42 PM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
Total Coliform	Negative		Negative	M9223	4/4/02 5:30:00 PM
E_Coliform	Absent		Absent	M9223	4/4/02 5:30:00 PM

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

Date Reported : 5/10/02

*Joann M. Alavin*

Laboratory Manager

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040. FAX: (631) 420-8438 NYSDOHID# 10478

## LABORATORY RESULTS

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

Lab No. : 0204190-008A

Sample Information...

Type : Potable Water

Origin : Raw Well

Routine

Federal ID 5111891

Client ID. : 11402-009

Collected : 4/4/02 10:35:00 AM

Point No : 9

Received : 4/4/02 3:10:00 PM

Location : Well #6 Raw

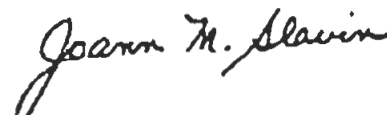
Collected By : RL99

Copies To : TONY ROSS

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
Chloromethane	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
Vinyl chloride	< 0.5	µg/L	2	E502.2	4/17/02 11:26:42 PM
Bromomethane	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
Chloroethane	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
Methylene chloride	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
Bromochloromethane	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
Chloroform	< 0.5	µg/L	50	E502.2	4/17/02 11:26:42 PM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
Trichloroethene	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
Dibromomethane	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	4/17/02 11:26:42 PM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	4/17/02 11:26:42 PM
Chlorobenzene	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
Bromoform	< 0.5	µg/L	50	E502.2	4/17/02 11:26:42 PM
Bromobenzene	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	4/17/02 11:26:42 PM

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

Date Reported : 5/10/02



Laboratory Manager



# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
 (631) 694-3040, FAX: (631) 420-8433 NYSDOH ID # 10478

## LABORATORY RESULTS

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

Lab No. : 0204190-009A

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

Federal ID : 5111891  
 Collected : 4/4/02 10:30:00 AM  
 Received : 4/4/02 3:10:00 PM  
 Collected By : RL99  
 Copies To : TONY ROSS

Point No : 10  
 Location : Well #7 Raw

Client ID. : 11402-010

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
Chloromethane	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	4/18/02 12:25:42 AM
Bromomethane	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
Chloroethane	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
Chloroform	0.8	µg/L	50	E502.2	4/18/02 12:25:42 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	4/18/02 12:25:42 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	4/18/02 12:25:42 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
Bromoform	< 0.5	µg/L	50	E502.2	4/18/02 12:25:42 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM

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

Date Reported : 5/10/02

*Joann M. Slavin*

Laboratory Manager:

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
 (631) 694-3040. FAX: (631) 420-1436 NYSDOH ID# 10478

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

## LABORATORY RESULTS

Lab No. : 0204190-009A

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

Federal ID : 5111891

Client ID. : 11402-010

Collected : 4/4/02 10:30:00 AM

Point No : 10

Received : 4/4/02 3:10:00 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	4/18/02 12:25:42 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
Benzene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
Toluene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
o-Xylene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
Styrene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	4/18/02 12:25:42 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 12:25:42 AM
Total Coliform	Negative		Negative	M9223	4/4/02 5:30:00 PM
E_Coliform	Absent		Absent	M9223	4/4/02 5:30:00 PM

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

Date Reported : 5/10/02

*Joann M. Slavin*

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040, FAX: (631) 420-1436 NYSDOH ID# 10478

## LABORATORY RESULTS

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

Lab No. : 0204190-010A

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

Federal ID : 5111891  
Collected : 4/4/02 11:00:00 AM  
Received : 4/4/02 3:10:03 PM  
Collected By : RL99  
Copies To : TONY ROSS

Client ID. : 11402-012

Point No : 12  
Location : Well #11 Raw

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
Chloromethane	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	4/18/02 1:24:42 AM
Bromomethane	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
Chloroethane	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
Chloroform	< 0.5	µg/L	50	E502.2	4/18/02 1:24:42 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	4/18/02 1:24:42 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	4/18/02 1:24:42 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
Bromoform	< 0.5	µg/L	50	E502.2	4/18/02 1:24:42 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM

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

Date Reported : 5/10/02

*Joann M. Slavin*

Laboratory Manager

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
 (631) 694-3040. FAX: (631) 420-13436 NYSDOH ID# 10478

## LABORATORY RESULTS

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

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

Lab No. : 0204190-010A

Client ID. : 11402-012

Federal ID : 5111891  
 Collected : 4/4/02 11:00:00 AM Point No : 12  
 Received : 4/4/02 3:10:00 PM Location : Well #11 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	4/18/02 1:24:42 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
Benzene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
Toluene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
o-Xylene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
Styrene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	4/18/02 1:24:42 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
Total Coliform	Negative		Negative	M9223	4/4/02 5:30:00 PM
E_Coliform	Absent		Absent	M9223	4/4/02 5:30:00 PM

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

Date Reported : 5/10/02

*Joann M. Slavin*

Laboratory Manager

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10476

## LABORATORY RESULTS

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

Lab No. : 0204190-011A

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

Federal ID : 5111891

Client ID. : 11402-013

Collected : 4/8/02

Point No : 13

Received : 4/4/02 3:10:00 PM

Location : Well #12 Raw

Collected By : RL99

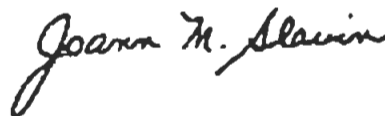
Copies To : TONY ROSS

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
Chloromethane	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	4/18/02 2:23:58 AM
Bromomethane	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
Chloroethane	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
Chloroform	< 0.5	µg/L	50	E502.2	4/18/02 2:23:58 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	4/18/02 2:23:58 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	4/18/02 2:23:58 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
Bromoform	< 0.5	µg/L	50	E502.2	4/18/02 2:23:58 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM

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

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

Date Reported : 5/10/02



Laboratory Manager



**H2M LABS, INC.**575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040 FAX: (631) 430-8433 NYSDOH ID# 10478Brookhaven National Lab.-BNLM  
70 Bell Ave.  
Upton, NY 11973  
Attn To : TONY ROSS**LABORATORY RESULTS**

Lab No. : 0204190-011A

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

Federal ID 5111891

Client ID. : 11402-013

Collected : 4/8/02

Point No : 13

Received : 4/4/02 3:10:00 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>
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
Benzene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
Toluene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
o-Xylene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
Styrene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	4/18/02 2:23:58 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
Total Coliform	Negative		Negative	M9223	4/4/02 5:30:00 PM
E_Coliform	Absent		Absent	M9223	4/4/02 5:30:00 PM

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

Date Reported : 5/10/02

*Joann M. Slavin*

Laboratory Manager

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040. FAX: (631) 421-8438 NYSDOH ID# 10478

## LABORATORY RESULTS

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

Lab No. : 0204190-021A

Sample Information...  
Type : Potable Water  
Origin :

Federal ID 5111891

Client ID. : 11402-020

Collected : 4/8/02 3:10:00 PM

Point No :

Received : 4/10/02 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	4/18/02 5:23:27 AM
Chloromethane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	4/18/02 5:23:27 AM
Bromomethane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Chloroethane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Chloroform	< 0.5	µg/L	50	E502.2	4/18/02 5:23:27 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	4/18/02 5:23:27 AM
trans-1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	4/18/02 5:23:27 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Bromoform	< 0.5	µg/L	50	E502.2	4/18/02 5:23:27 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM

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

Date Reported : 5/10/02

*Joann M. Slavin*

Laboratory Manager

**H2M LABS, INC.**575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040. FAX: (631) 420-8436 NYSDOHID# 10478Brookhaven National Lab.-BNLM  
70 Bell Ave.  
Upton, NY 11973  
Attn To : TONY ROSS**LABORATORY RESULTS**

Lab No. : 0204190-021A

Sample Information...  
Type : Potable Water  
Origin :

Federal ID 5111891

Client ID. : 11402-020

Collected : 4/8/02 3:10:00 PM

Point No :

Received : 4/10/02 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>
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Benzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Toluene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
o-Xylene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Styrene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	4/18/02 5:23:27 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM

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

Date Reported : 5/10/02

*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 : TONY ROSS

Lab No. : 0204190-017A

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

Federal ID 5111891

Client ID. : 11402-021

Collected : 4/4/02

Point No : 21

Received : 4/4/02 3:10:00 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	4/18/02 4:23:41 AM
Chloromethane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	4/18/02 4:23:41 AM
Bromomethane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Chloroethane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
trans-1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
cis-1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Chloroform	< 0.5	µg/L	50	E502.2	4/18/02 4:23:41 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Trichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	4/18/02 4:23:41 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	4/18/02 4:23:41 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Bromoform	< 0.5	µg/L	50	E502.2	4/18/02 4:23:41 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM

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

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

Date Reported : 5/10/02

*Joann M. Slavin*

Laboratory Manager

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040. FAX: (631) 421-8436 NYSDOH ID# 10478

## LABORATORY RESULTS

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

Lab No. : 0204190-017A

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

Federal ID : 5111891  
Collected : 4/4/02  
Received : 4/4/02 3:10:30 PM  
Collected By : RL89  
Copies To : TONY ROSS

Client ID. : 11402-021

Point No : 21  
Location : Well #12 Treated

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Benzene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Toluene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
o-Xylene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Styrene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	4/18/02 4:23:41 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM

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

Date Reported : 5/10/02

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 : S. SCARPITTA

Lab No. : 0207356-008

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

Federal ID 5111891

Client ID. : 14848-009

Collected 7/11/2002 10:22:00 AM Point No 9  
 Received 7/11/2002 3:15:00 PM Location: Well #6 Raw  
 Collected By SB99  
 Copies To Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
Chloromethane	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	7/23/2002 3:12:57 AM
Bromomethane	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
Chloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
Chloroform	9.2	µg/L	50	E502.2	7/23/2002 3:12:57 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
Bromodichloromethane	2.0	µg/L	50	E502.2	7/23/2002 3:12:57 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
Dibromochloromethane	2.4	µg/L	50	E502.2	7/23/2002 3:12:57 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
Bromoform	3.5	µg/L	50	E502.2	7/23/2002 3:12:57 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
1-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM

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

*Joann M. Slavin*

Date Reported : 8/12/2002

Laboratory Manager

BNLM123 S48

# 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 : S. SCARPITTA

Lab No. : 0207356-008

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

Federal ID 5111891

Client ID. : 14848-009

Collected 7/11/2002 10:22:00 AM Point No 9  
Received 7/11/2002 3:15:00 PM Location: Well #6 Raw  
Collected By SB99  
Copies To Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
Benzene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
Toluene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
o-Xylene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
Styrene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	7/23/2002 3:12:57 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 3:12:57 AM

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

Date Reported : 8/12/2002

*Joann M. Slavin*

Laboratory Manager

BNLM123 S49

# 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 : S. SCARPITTA

Lab No. : 0207356-009

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

Federal ID 5111891  
Collected 7/11/2002 9:16:00 AM Point No 10  
Received 7/11/2002 3:15:00 PM Location: Well #7 Raw  
Collected By SB99  
Copies To Tony Ross

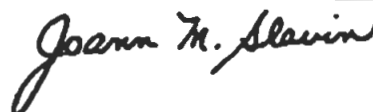
Client ID. : 14848-010

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
Chloromethane	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	7/23/2002 4:13:40 AM
Bromomethane	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
Chloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
Chloroform	2.9	µg/L	50	E502.2	7/23/2002 4:13:40 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
Dibromomethane	1.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	7/23/2002 4:13:40 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
Dibromochloromethane	3.6	µg/L	50	E502.2	7/23/2002 4:13:40 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
Bromoform	5.9	µg/L	50	E502.2	7/23/2002 4:13:40 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM

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

Date Reported : 8/12/2002

Laboratory Manager



BNLM123 S52



# H2M LABS, INC.

375 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 : S. SCARPITTA

Lab No. : 0207356-009

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

Federal ID 5111891

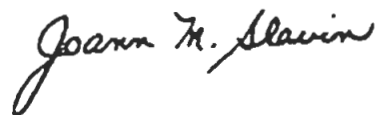
Client ID. : 14848-010

Collected 7/11/2002 9:16:00 AM Point No 10  
Received 7/11/2002 3:15:00 PM Location: Well #7 Raw  
Collected By SB99  
Copies To Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
Benzene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
Toluene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
o-Xylene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
Styrene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
isopropylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	7/23/2002 4:13:40 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 4:13:40 AM

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

Date Reported : 8/12/2002



Laboratory Manager

BNLM123 S53

# 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 : S. SCARPITTA

Lab No. : 0207356-010

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

Federal ID 5111891

Client ID. : 14848-012

Collected 7/11/2002 10:40:00 AM Point No 12  
Received 7/11/2002 3:15:00 PM Location: Well #11 Raw  
Collected By SB99  
Copies To Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
Chloromethane	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	7/23/2002 5:14:14 AM
Bromomethane	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
Chloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
Chloroform	< 0.5	µg/L	50	E502.2	7/23/2002 5:14:14 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	7/23/2002 5:14:14 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	7/23/2002 5:14:14 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
Bromoform	< 0.5	µg/L	50	E502.2	7/23/2002 5:14:14 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 5:14:14 AM

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

*Joann M. Slavin*

Date Reported : 8/12/2002

Laboratory Manager

BNLM123 S56

# HQM 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 : S. SCARPITTA

Lab No. : 0207356-011

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

Federal ID 5111891

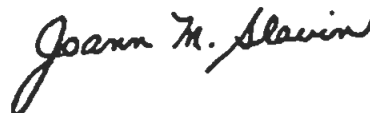
Client ID. : 14848-013

Collected 7/11/2002 10:30:00 AM Point No 13  
Received 7/11/2002 3:15:00 PM Location: Well #12 Raw  
Collected By SB99  
Copies To Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
Chloromethane	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	7/23/2002 6:14:07 AM
Bromomethane	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
Chloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
Chloroform	< 0.5	µg/L	50	E502.2	7/23/2002 6:14:07 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	7/23/2002 6:14:07 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	7/23/2002 6:14:07 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
Bromoform	< 0.5	µg/L	50	E502.2	7/23/2002 6:14:07 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM

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

Date Reported : 8/12/2002



BNLM123 S60

# 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 : S. SCARPITTA

Lab No. : 0207356-011

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

Federal ID 5111891

Client ID. : 14848-013

Collected 7/11/2002 10:30:00 AM Point No 13  
Received 7/11/2002 3:15:00 PM Location: Well #12 Raw  
Collected By SB99  
Copies To Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
Benzene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
Toluene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
o-Xylene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
Styrene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	7/23/2002 6:14:07 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 6:14:07 AM

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

Date Reported : 8/12/2002

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*Joann M. Slavin*

Laboratory Manager

BNLM123 S61

# 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 : S. SCARPITTA

Lab No. : 0207356-013

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

Federal ID 5111891 Client ID. : 14848-016  
Collected 7/11/2002 10:40:00 AM Point No 056-31  
Received 7/11/2002 3:15:00 PM Location: Well #11 Gac Filter 655  
Collected By SB99  
Copies To Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
Chloromethane	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	7/23/2002 7:14:14 AM
Bromomethane	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
Chloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
Chloroform	< 0.5	µg/L	50	E502.2	7/23/2002 7:14:14 AM
1,1,1-Trichloroethane	0.7	µg/L	5	E502.2	7/23/2002 7:14:14 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	7/23/2002 7:14:14 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	7/23/2002 7:14:14 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
Bromoform	< 0.5	µg/L	50	E502.2	7/23/2002 7:14:14 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM

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

Date Reported : 8/12/2002

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*Joann M. Slavin*

Laboratory Manager

BNLM123 S65

# 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 : S. SCARPITTA

Lab No. : 0207356-013

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

Federal ID 5111891

Client ID. : 14848-016

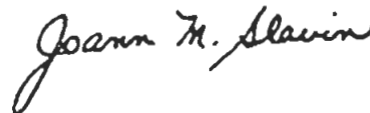
Collected 7/11/2002 10:40:00 AM Point No 056-31  
Received 7/11/2002 3:15:00 PM Location: Well #11 Gac Filter 655  
Collected By SB99  
Copies To Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
Benzene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
Toluene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
o-Xylene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
Styrene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	7/23/2002 7:14:14 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 7:14:14 AM

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

Date Reported : 8/12/2002

Laboratory Manager



BNLM123 S66

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 664-3040, FAX: (631) 420-8436 NYSDOH ID# 10478

## LABORATORY RESULTS

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

Lab No. : 0207356-014

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

Federal ID 5111891

Client ID. : 14848-017

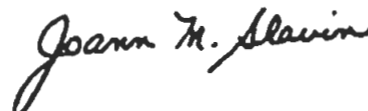
Collected 7/11/2002 10:30:00 AM Point No 056-32  
Received 7/11/2002 3:15:00 PM Location: Well #12 Gac Filter 657  
Collected By SB99  
Copies To Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
Chloromethane	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	7/23/2002 8:15:04 AM
Bromomethane	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
Chloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
Chloroform	< 0.5	µg/L	50	E502.2	7/23/2002 8:15:04 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	7/23/2002 8:15:04 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	7/23/2002 8:15:04 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
Bromoform	< 0.5	µg/L	50	E502.2	7/23/2002 8:15:04 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
o-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
p-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM

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

Date Reported : 8/12/2002

Laboratory Manager



BNLM123 S68

# 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 : S. SCARPITTA

Lab No. : 0207356-014

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

Federal ID 5111891

Client ID. : 14848-017

Collected 7/11/2002 10:30:00 AM Point No 056-32  
Received 7/11/2002 3:15:00 PM Location: Well #12 Gac Filter 657  
Collected By SB99  
Copies To Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
Benzene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
Toluene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
o-Xylene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
Styrene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	7/23/2002 8:15:04 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 8:15:04 AM

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

Date Reported : 8/12/2002

Page 12 of 14

*Joann M. Slavin*

Laboratory Manager

BNLM123 S69



# 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 : S. SCARPITTA

Lab No. : 0207356-017

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

Federal ID 5111891  
Collected 7/11/2002 10:30:00 AM Point No 22  
Received 7/11/2002 3:15:00 PM Location: Bldg. 624 Wtp  
Collected By SB99  
Copies To Tony Ross

Client ID : 14848-020

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
Chloromethane	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	7/23/2002 9:16:16 AM
Bromomethane	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
Chloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
Chloroform	< 0.5	µg/L	50	E502.2	7/23/2002 9:16:16 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	7/23/2002 9:16:16 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	7/23/2002 9:16:16 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
Bromoform	< 0.5	µg/L	50	E502.2	7/23/2002 9:16:16 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM

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

*Joann M. Slavin*

Date Reported : 8/12/2002

Laboratory Manager

BNLM123 S74

# 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 : S. SCARPITTA

Lab No. : 0207356-017

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

Federal ID 5111891

Client ID. : 14848-020

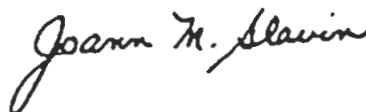
Collected 7/11/2002 10:30:00 AM Point No 22  
Received 7/11/2002 3:15:00 PM Location: Bldg. 624 Wtp  
Collected By SB99  
Copies To Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
Benzene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
Toluene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
o-Xylene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
Styrene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	7/23/2002 9:16:16 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	7/23/2002 9:16:16 AM

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

Date Reported : 8/12/2002

Laboratory Manager



BNLM123 S75

**ATTACHMENT IV**

**Brookhaven National Laboratory  
Potable Water Supply**

**2002 Semi-Annual Inorganic and Nitrate/Nitrite Analyses for  
the BNL Potable Water Wells  
and  
the BNL Distribution System**

# H2M LABS, INC.

875 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 : S. SCARPITTA

Lab No. : 0207356-008

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

Federal ID 5111891

Client ID. : 14848-009

Collected 7/11/2002 10:22:00 AM Point No 9  
Received 7/11/2002 3:15:00 PM Location: Well #6 Raw  
Collected By SB99  
Copies To Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Total Coliform	* Positive		Negative	M9223	7/12/2002 10:30:00 AM
E_Coliform	Absent		Absent	M9223	7/12/2002 10:30:00 AM
Chloride	24.4	mg/L	250	E325.2	7/27/2002 2:04:27 PM
Color	* 20	units	15	E110.2	7/12/2002 9:32:00 AM
Specific Conductivity	101	µmhos/cm		M2510 B	7/19/2002 3:02:00 PM
Fluoride	< 0.10	mg/L	2.2	M4500F C	7/16/2002 1:43:00 PM
MBAS	< 0.08	mg/L		E425.1	7/12/2002 7:02:00 AM
Nitrogen, Ammonia (As N)	< 0.10	mg/L		E350.1	7/23/2002 1:37:40 PM
Nitrite as N	< 0.10	mg/L	1	E353.2	7/12/2002 6:05:02 PM
Nitrate as N	0.34	mg/L	10	E353.2	7/26/2002 3:31:39 PM
Odor	0	units	3	E140.1	7/12/2002 9:31:00 AM
pH	7.1	pH Units		E150.1	7/11/2002 5:29:00 PM
Sulfate	10.2	mg/L	250	E375.4	7/23/2002 1:40:00 AM

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

Date Reported : 8/12/2002

Page 1 of 17 81262

*Joann M. Slavin*

Laboratory Manager

BNLM123 S51

# 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 : S. SCARFITTA

Lab No. : 0207356-008B

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

Federal ID : 5111891  
Collected : 7/11/02 10:22:00 AM  
Received : 7/11/02 3:15:00 PM  
Collected By : SB99  
Copies To : Tony Ross

Client ID. : 14848-009

Point No : 9  
Location : Well #6 Raw

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Barium	< 200	µg/L	2000	E200.7	7/20/02 10:09:00 AM
Beryllium	< 3.0	µg/L	4	E200.7	7/20/02 10:09:00 AM
Cadmium	< 5.0	µg/L	5	E200.7	7/20/02 10:09:00 AM
Chromium	< 10	µg/L	100	E200.7	7/20/02 10:09:00 AM
* Iron	* 1830	µg/L	300	E200.7	7/20/02 10:09:00 AM
Manganese	39.0	µg/L	300	E200.7	7/20/02 10:09:00 AM
* Nickel	* 387	µg/L	100	E200.7	7/20/02 10:09:00 AM
Silver	< 10	µg/L	100	E200.7	7/20/02 10:09:00 AM
Sodium	19100	µg/L		E200.7	7/20/02 10:09:00 AM
Zinc	< 20.0	µg/L	5000	E200.7	7/20/02 10:09:00 AM
Arsenic	< 3.0	µg/L	50	E200.9	7/25/02 7:50:00 PM
Lead	< 1.0	µg/L	15	E200.9	7/26/02 6:50:00 PM
Antimony	< 5.9	µg/L	8	E200.9	8/6/02 8:45:00 AM
Selenium	< 5.0	µg/L	50	E200.9	8/6/02 1:45:00 PM
Thallium	< 1.9	µg/L	2	E200.9	8/5/02 4:10:00 PM
Mercury	< 0.20	µg/L	2	E245.1	7/16/02 1:15:02 PM

NO NYSOWS  
for nickel  
see new sheet  
3/03 from H2M

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

Date Reported : 8/12/02

*Joann M. Slavin*

Laboratory Manager

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0207356-008B

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

Federal ID 5111891

Client ID. : 14848-009

Collected : 7/11/02 10:22:00 AM

Point No : 9

Received : 7/11/02 3:15:00 PM

Location : Well #6 Raw

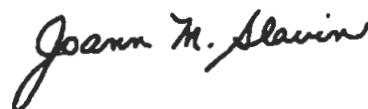
Collected By : SB99

Copies To : Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Barium	< 200	µg/L	2000	E200.7	7/20/02 10:09:00 AM
Beryllium	< 3.0	µg/L	4	E200.7	7/20/02 10:09:00 AM
Cadmium	< 5.0	µg/L	5	E200.7	7/20/02 10:09:00 AM
Chromium	< 10	µg/L	100	E200.7	7/20/02 10:09:00 AM
* Iron	* 1830	µg/L	300	E200.7	7/20/02 10:09:00 AM
Manganese	39.0	µg/L	300	E200.7	7/20/02 10:09:00 AM
Nickel	387	µg/L		E200.7	7/20/02 10:09:00 AM
Silver	< 10	µg/L	100	E200.7	7/20/02 10:09:00 AM
Sodium	19100	µg/L		E200.7	7/20/02 10:09:00 AM
Zinc	< 20.0	µg/L	5000	E200.7	7/20/02 10:09:00 AM
Arsenic	< 3.0	µg/L	50	E200.9	7/25/02 7:50:00 PM
Lead	< 1.0	µg/L	15	E200.9	7/26/02 6:50:00 PM
Antimony	< 5.9	µg/L	6	E200.9	8/6/02 8:45:00 AM
Selenium	< 5.0	µg/L	50	E200.9	8/6/02 1:45:00 PM
Thallium	< 1.9	µg/L	2	E200.9	8/5/02 4:10:00 PM
Mercury	< 0.20	µg/L	2	E245.1	7/16/02 1:15:02 PM
Chloride	24.4	mg/L	250	E325.2	7/27/02 2:04:27 PM
Cyanide	< 10	µg/L	200	M4500-CN CE	7/18/02 7:20:00 PM
* Color	* 20	units	15	E110.2	7/12/02 9:32:00 AM
Specific Conductivity	101	µmhos/cm		M2510 B	7/19/02 3:02:00 PM
Fluoride	< 0.10	mg/L	2.2	M4500F C	7/16/02 1:43:00 PM
MBAS	< 0.08	mg/L		E425.1	7/12/02 7:02:00 AM
Nitrogen, Ammonia (As N)	< 0.10	mg/L		E350.1	7/23/02 1:37:40 PM
Nitrite as N	< 0.10	mg/L	1	E353.2	7/12/02 6:05:02 PM
Nitrate as N	0.34	mg/L	10	E353.2	7/26/02 3:31:39 PM
Odor	0	units	3	E140.1	7/12/02 9:31:00 AM
pH	7.1	pH Units		E150.1	7/11/02 5:29:00 PM
Sulfate	10.2	mg/L	250	E375.4	7/23/02 1:40:00 AM

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

Date Reported : 8/12/02



Laboratory Manager



# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0207356-009B

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

Federal ID 5111891

Client ID. : 14848-010

Collected : 7/11/02 9:16:00 AM

Point No : 10

Received : 7/11/02 3:15:00 PM

Location : Well #7 Raw

Collected By : SB99

Copies To : Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Barium	< 200	µg/L	2000	E200.7	7/20/02 10:17:00 AM
Beryllium	< 3.0	µg/L	4	E200.7	7/20/02 10:17:00 AM
Cadmium	< 5.0	µg/L	5	E200.7	7/20/02 10:17:00 AM
Chromium	< 10	µg/L	100	E200.7	7/20/02 10:17:00 AM
* Iron	* 767	µg/L	300	E200.7	7/20/02 10:17:00 AM
Manganese	11.8	µg/L	300	E200.7	7/20/02 10:17:00 AM
Nickel	< 40.0	µg/L	100	E200.7	7/20/02 10:17:00 AM
Silver	< 10	µg/L	100	E200.7	7/20/02 10:17:00 AM
Sodium	21500	µg/L		E200.7	7/20/02 10:17:00 AM
Zinc	< 20.0	µg/L	5000	E200.7	7/20/02 10:17:00 AM
Arsenic	< 3.0	µg/L	50	E200.9	7/25/02 7:15:00 PM
Lead	1.5	µg/L	15	E200.9	7/26/02 6:15:00 PM
Antimony	< 5.9	µg/L	6	E200.9	8/6/02 8:55:00 AM
Selenium	< 5.0	µg/L	50	E200.9	8/6/02 1:55:00 PM
Thallium	< 1.9	µg/L	2	E200.9	8/5/02 4:20:00 PM
Mercury	< 0.20	µg/L	2	E245.1	7/16/02 12:36:09 PM

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

Date Reported : 8/12/02

*Joann M. Blawie*

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 : S. SCARPITTA

Lab No. : 0207356-010

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

Federal ID 5111891

Client ID. : 14848-012

Collected 7/11/2002 10:40:00 AM Point No 12  
Received 7/11/2002 3:15:00 PM Location: Well #11 Raw  
Collected By SB99  
Copies To Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Total Coliform	Negative		Negative	M9223	7/12/2002 10:30:00 AM
E_Coliform	Absent		Absent	M9223	7/12/2002 10:30:00 AM
Chloride	21.6	mg/L	250	E325.2	7/27/2002 2:07:27 PM
Color	< 5	units	15	E110.2	7/12/2002 9:34:00 AM
Specific Conductivity	82	µmhos/cm		M2510 B	7/19/2002 3:04:00 PM
Fluoride	< 0.10	mg/L	2.2	M4500F C	7/16/2002 1:45:00 PM
MBAS	< 0.08	mg/L		E425.1	7/12/2002 7:04:00 AM
Nitrogen, Ammonia (As N)	< 0.10	mg/L		E350.1	7/23/2002 1:41:03 PM
Nitrite as N	< 0.10	mg/L	1	E353.2	7/12/2002 6:06:22 PM
Nitrate as N	0.43	mg/L	10	E353.2	7/26/2002 3:35:03 PM
Odor	0	units	3	E140.1	7/12/2002 9:33:00 AM
pH	6.4	pH Units		E150.1	7/11/2002 5:31:00 PM
Sulfate	9.3	mg/L	250	E375.4	7/23/2002 1:50:00 AM

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

Date Reported : 8/12/2002

*Joann M. Slavin*

Laboratory Manager

Page 1 of 17 *(initials)* 8/12/02

BNLM123 S59

# 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 : S. SCARFITTA

Lab No. : 0207356-010B

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

Federal ID : 5111891

Client ID. : 14848-012

Collected : 7/11/02 10:40:00 AM

Point No : 12

Received : 7/11/02 3:15:00 PM

Location : Well #11 Raw

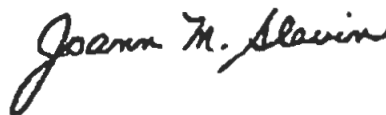
Collected By : SB99

Copies To : Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Barium	< 200	µg/L	2000	E200.7	7/20/02 11:02:00 AM
Beryllium	< 3.0	µg/L	4	E200.7	7/20/02 11:02:00 AM
Cadmium	< 5.0	µg/L	5	E200.7	7/20/02 11:02:00 AM
Chromium	< 10	µg/L	100	E200.7	7/20/02 11:02:00 AM
* Iron	* 351	µg/L	300	E200.7	7/20/02 11:02:00 AM
Manganese	14.3	µg/L	300	E200.7	7/20/02 11:02:00 AM
Nickel	< 40.0	µg/L	100	E200.7	7/20/02 11:02:00 AM
Silver	< 10	µg/L	100	E200.7	7/20/02 11:02:00 AM
Sodium	15200	µg/L		E200.7	7/20/02 11:02:00 AM
Zinc	< 20.0	µg/L	5000	E200.7	7/20/02 11:02:00 AM
Arsenic	< 3.0	µg/L	50	E200.9	7/25/02 8:00:00 PM
Lead	< 1.0	µg/L	15	E200.9	7/26/02 7:00:00 PM
Antimony	< 5.9	µg/L	6	E200.9	8/6/02 9:30:00 AM
Selenium	< 5.0	µg/L	50	E200.9	8/6/02 2:30:00 PM
Thallium	< 1.9	µg/L	2	E200.9	8/5/02 4:55:00 PM
Mercury	< 0.20	µg/L	2	E245.1	7/16/02 12:38:23 PM

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

Date Reported : 8/12/02



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 : S. SCARPITTA

Lab No. : 0207356-011

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

Federal ID 5111891

Client ID. : 14848-013

Collected 7/11/2002 10:30:00 AM Point No 13  
Received 7/11/2002 3:15:00 PM Location: Well #12 Raw  
Collected By SB99  
Copies To Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Total Coliform	Negative		Negative	M9223	7/12/2002 10:30:00 AM
E_Coliform	Absent		Absent	M9223	7/12/2002 10:30:00 AM
Chloride	14.6	mg/L	250	E325.2	7/27/2002 2:09:43 PM
Color	< 5	units	15	E110.2	7/12/2002 9:35:00 AM
Specific Conductivity	68	µmhos/cm		M2510 B	7/19/2002 3:05:00 PM
Fluoride	< 0.10	mg/L	2.2	M4500F C	7/16/2002 1:46:00 PM
MBAS	< 0.08	mg/L		E425.1	7/12/2002 7:05:00 AM
Nitrogen, Ammonia (As N)	< 0.10	mg/L		E350.1	7/23/2002 1:41:54 PM
Nitrite as N	< 0.10	mg/L	1	E353.2	7/12/2002 6:08:21 PM
Nitrate as N	0.47	mg/L	10	E353.2	7/26/2002 3:35:54 PM
Odor	0	units	3	E140.1	7/12/2002 9:34:00 AM
pH	5.7	pH Units		E150.1	7/11/2002 5:32:00 PM
Sulfate	8.5	mg/L	250	E375.4	7/23/2002 1:55:00 AM

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

Date Reported : 8/12/2002

Page 1 of 17  
8/12/02

*Joann M. Slavin*

Laboratory Manager

BNLM123 S63

# 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 : S. SCARPITTA

Lab No. : 0207356-011B

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

Federal ID 5111891

Client ID. : 14848-013

Collected : 7/11/02 10:30:00 AM

Point No : 13

Received : 7/11/02 3:15:00 PM

Location : Well #12 Raw

Collected By : SB99

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	< 200	µg/L	2000	E200.7	7/20/02 11:10:00 AM
Beryllium	< 3.0	µg/L	4	E200.7	7/20/02 11:10:00 AM
Cadmium	< 5.0	µg/L	5	E200.7	7/20/02 11:10:00 AM
Chromium	< 10	µg/L	100	E200.7	7/20/02 11:10:00 AM
Iron	< 20.0	µg/L	300	E200.7	7/20/02 11:10:00 AM
Manganese	< 10	µg/L	300	E200.7	7/20/02 11:10:00 AM
Nickel	< 40.0	µg/L	100	E200.7	7/20/02 11:10:00 AM
Silver	< 10	µg/L	100	E200.7	7/20/02 11:10:00 AM
Sodium	12900	µg/L		E200.7	7/20/02 11:10:00 AM
Zinc	< 20.0	µg/L	5000	E200.7	7/20/02 11:10:00 AM
Arsenic	< 3.0	µg/L	50	E200.9	7/25/02 8:10:00 PM
Lead	< 1.0	µg/L	15	E200.9	7/26/02 7:10:00 PM
Antimony	< 5.9	µg/L	6	E200.9	8/6/02 9:40:00 AM
Selenium	< 5.0	µg/L	50	E200.9	8/6/02 2:40:00 PM
Thallium	< 1.9	µg/L	2	E200.9	8/5/02 5:05:00 PM
Mercury	< 0.20	µg/L	2	E245.1	7/18/02 12:40:37 PM

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

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

Date Reported : 8/12/02

*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 : S. SCARPITTA

Lab No. : 0207356-016

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

Federal ID 5111891

Client ID. : 14848-019

Collected 7/11/2002 11:30:00 AM Point No 18

Received 7/11/2002 3:15:00 PM Location: B-185 Men'S Room

Collected By SB99

Copies To Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Chloride	14.1	mg/L	250	E325.2	7/27/2002 2:10:27 PM
Color	< 5	units	15	E110.2	7/12/2002 9:36:00 AM
Specific Conductivity	94	µmhos/cm		M2510 B	7/19/2002 3:06:00 PM
Fluoride	< 0.10	mg/L	2.2	M4500F C	7/16/2002 1:47:00 PM
MBAS	< 0.08	mg/L		E425.1	7/12/2002 7:06:00 AM
Nitrogen, Ammonia (As N)	< 0.10	mg/L		E350.1	7/23/2002 1:42:45 PM
Nitrite as N	< 0.10	mg/L	1	E353.2	7/12/2002 6:10:21 PM
Nitrate as N	0.47	mg/L	10	E353.2	7/26/2002 3:36:45 PM
Odor	0	units	3	E140.1	7/12/2002 9:35:00 AM
pH	5.7	pH Units		E150.1	7/11/2002 5:33:00 PM
Sulfate	8.4	mg/L	250	E375.4	7/23/2002 2:00:00 AM

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

Date Reported : 8/12/2002

Page 1 of 17 

*Joann M. Slavin*

Laboratory Manager

BNLM123 S73

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 894-3040. FAX: (631) 420-4436 NYSDOH ID# 10478

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

## LABORATORY RESULTS

Lab No. : 0207356-016A

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

Federal ID : 5111891  
Collected : 7/11/02 11:30:00 AM  
Received : 7/11/02 3:15:00 PM  
Collected By : SB99  
Copies To : Tony Ross

Client ID. : 14848-019

Point No : 18  
Location : B-185 Men'S Room

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Barium	< 200	µg/L	2000	E200.7	7/20/02 11:17:00 AM
Beryllium	< 3.0	µg/L	4	E200.7	7/20/02 11:17:00 AM
Cadmium	< 5.0	µg/L	5	E200.7	7/20/02 11:17:00 AM
Chromium	< 10	µg/L	100	E200.7	7/20/02 11:17:00 AM
Iron	29.7	µg/L	300	E200.7	7/20/02 11:17:00 AM
Manganese	12.0	µg/L	300	E200.7	7/20/02 11:17:00 AM
Nickel	< 40.0	µg/L	100	E200.7	7/20/02 11:17:00 AM
Silver	< 10	µg/L	100	E200.7	7/20/02 11:17:00 AM
Sodium	25600	µg/L		E200.7	7/20/02 11:17:00 AM
Zinc	< 20.0	µg/L	5000	E200.7	7/20/02 11:17:00 AM
Arsenic	< 3.0	µg/L	50	E200.9	7/25/02 8:20:00 PM
Lead	< 1.0	µg/L	15	E200.9	7/26/02 7:20:00 PM
Antimony	< 5.9	µg/L	6	E200.9	8/6/02 9:50:00 AM
Selenium	< 5.0	µg/L	50	E200.9	8/6/02 2:50:00 PM
Thallium	< 1.9	µg/L	2	E200.9	8/5/02 5:15:00 PM
Mercury	< 0.20	µg/L	2	E245.1	7/16/02 12:42:51 PM

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

Date Reported : 8/12/02

*Joann M. Slavin*

Laboratory Manager

**ATTACHMENT V**

**Brookhaven National Laboratory  
Potable Water Supply**

**2002 Annual Asbestos Analytical Results  
for the BNL Potable Water Distribution System**

**EMSL Analytical, Inc.**

203 Stone Lane, Clark Pl., NY 11514  
 Phone: 516 337-7251 Fax: 516 337-7259 Email: emsl@emsl.com

Attn: H2M Labs, Inc.  
 575 Broad Hollow Road  
 Melville, NY 11747  
 Phone: 631-694-3040  
 Project: H2ML5D  
 Customer ID: H2ML5D  
 Customer PO: 07/12/02 9:55 AM  
 Received: 060206113  
 EMSL Order: EMSL Project ID:

Analysis Date: 7/14/02

**Asbestos Analysis in Drinking Water by Transmission Electron Microscopy (TEM)  
 Performed by NY ELAP 198.2 Method**

SAMPLE ID	#ASBESTOS FIBERS >10um	# NON-ASBESTOS FIBERS	TYPE(S) OF ASBESTOS	ANALYTICAL SENSITIVITY (MFL) All Sizes >10um	CONFIDENCE LIMITS >10um	CONCENTRATION OF ASBESTOS FIBERS (MFL) All Sizes >10um	COMMENTS	
								0
0207356-004C	0	0		0.05	0.02			
660206113-0001								

Analysis Date: 7/14/02

Daniel Clarke

Analyst

*[Signature]*  
 Michelle McGowan  
 or other approved signatory

Sample collection and containers provided by the client, acceptable bottle blank level is defined as <=0.01MFL>10um, ND=Not Detected. Fiber counting data will be reported as follows: No Fibers Detected. Fiber counting data will be reported as less than or more than 30 fibers are counted, both the Gaussian 95% confidence interval and the Poisson 95% confidence interval will be tabulated. The large of these two intervals will be selected for data reporting. When the Gaussian 95% confidence interval is selected for data reporting, the Poisson 95% confidence interval will also be noted.





