

February 10, 2003

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 January 2003**

In accordance with the requirements of the BNL Potable Water System Sampling Plan and the 2003 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 and Bacteriological Reports for January.
- Attachment II: January 2003 Biweekly Water Quality Monitoring Data for the BNL Potable Water Wells and First Quarter Water Quality Data for the BNL Distribution System.
- Attachment III: 2003 First Quarter Principal Organic Compound Analyses for the Potable Water Wells.
- Attachment IV: First Quarter Bacteriological Reports for the BNL Potable Water Wells.
- Attachment V: 2003 Semi-Annual Inorganic and Nitrate/Nitrite Analyses for the BNL Distribution System.

All analytical results have been reviewed and have been found to be within New York State Department of Health Drinking Water Standards (NYSDOH DWS). Collection and analysis Zimmerman to Newcomer

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,



E. A. Zimmerman, CEP, REM, CEA, CESM  
Interim Division Manager

EZ/MA:cr

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.03

**ATTACHMENT I**

**Brookhaven National Laboratory  
Potable Water Supply**

**Monthly Operational and Bacteriological Reports for January 2003  
for the BNL Potable Water System**

# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169

STATION 11515100

SUFFOLK COUNTY

REPORTING PERIOD:

January 2003

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
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl2 Residual mg/l	Lime Sodium Hydroxide		
		Gallons	Cl2 use per 24hrs		—	—	
1	0						
2	1,950	103	32	0.72	7	12746378	
3	1,042	90+110	13	0.75	7	12747420	
4	0						
5	0						
6	3,180	160	40	0.63	6.9	12750600	
7	1,074	145	15	0.9	7.3	12751674	
8	1,046	134	11	1	7.4	12752720	
9	1,047	120+80	14	0.9	7.2	12753767	
10	925	190	10	0.9	7.5	12754692	
11	0						
12	0						
13	2,545	166	24	1	7.3	12757237	
14	812	160	6	1	7.3	12758049	
15	943	145	15	1	7.3	12759992	
16	839	136	9	1	7.4	12759831	
17	957	123	13	1	7.6	12760788	
18	766	112	11	1	7.7	12761554	
19	0						
20	0						
21	2,271	80	32	0.65	7.8	12763825	
22	855	70	10	0.76	7.5	12764680	
23	947	62	8	0.61	7.5	12765627	
24	911	50+150	12	1.04	7.5	12766538	
25	0						
26	0						
27	2,709	175	25	1.24	7.4	12769247	
28	954	170	5	0.92	7.4	12770201	
29	1,043	158	12	0.4	7.4	12771244	
30	782	145	13	0.75	7.4	12772026	
31	729	138+62	7	0.82	7.4	12772755	
TOT	28,327		337				
AVG.	913.77		10.87	No. Days:	31		

Population Served 3,500

Number of routine samples

4

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

Number of actual routine samples

7

Does a M&AR violation exist?

YES

NO

If yes, check reason's below.

\_\_\_ Actual number of samples 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 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. C. Slattery*

Date:

2-5-03

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: JANUARY 2003

LOCATION: WELL NO. 4

Source: Ground Water

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

Does the system have a chlorination waiver? YES  NO

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer 1516282
	Treated Water	Liquid Sodium Hypochlorite	Free Cl <sub>2</sub> Residual	Lime Sodium Hydroxide	Totalizer		
	K Gals	Gallons	Cl <sub>2</sub> use per 24hrs	mg/l			
1	0						
2	967	100+15	5	0.41	5.5	1517249	
3	506	111	3	0.18	5.5	1517755	
4	0						
5	0						
6	1,633	97+53	14	0.04	5.6	1519438	
7	542	126	24	0.37	5.6	1519980	
8	520	123	3	0.018	5.8	1520500	
9	544	111+39	12	0.05	5.8	1521044	
10	522	135	15	0.1	5.7	1521566	
11	0						
12	0						
13	1,479	105	30	0.27	5.6	1523045	
14	339	97	8	0.5	5.7	1523384	
15	445	90	7	0.024	5.9	1523829	
16	186	84+55	6	0.05	5.8	1524015	
17	14	135	4	0.65	5.9	1524029	
18	0	132	3	0.02	5.8	1524029	
19	0						
20	0						
21	765	117	15	0.65	6.1	1524794	
22	396	108	9	0.5	6.2	1525190	
23	505	99	9	0.62	5.9	1525695	
24	409	90+60	9	0.12	6.1	1526104	
25	0						
26	0						
27	1,296	123	27	0.82	5.9	1527400	
28	266	117	6	0.62	5.9	1527666	
29	558	108	9	0.65	5.9	1528224	
30	439	100+50	8	NR	NR	1528663	
31	467	141	9	0.05	5.9	1529130	
TOT	12,848		235				
AVG	414.45		7.58	No. Days:	31		

Population Served 3,500

Number of routine samples 4

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

Number of actual routine samples 7

Does a M&AR violation exist? YES  NO

If yes, check reason's below.

Actual number of samples fewer than required.

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

Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

If yes, check reason(s) below.

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

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

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

Reported by: [Signature]

Date: 2-5-03

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: JANUARY

2003

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 361695
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl2 Residual mg/l	Lime	Sodium Hydroxide	
		Gallons	Cl2 use per 24hrs		Sodium		
1	0						
2	273	120	5	0.41	5.5	361968	
3	92	120	0	0.18	5.5	362060	
4	0						
5	0						
6	332	120	0	0.04	5.6	362392	
7	147	117	3	0.37	5.6	362539	
8	127	114	3	0.018	5.8	362666	
9	130	111	3	0.05	5.8	362796	
10	158	111	0	0.1	5.7	362954	
11	0						
12	0						
13	95	108	3	0.27	5.6	363049	
14	46	108	0	0.5	5.7	363095	
15	179	108	0	0.024	5.9	363274	
16	264	108	0	0.018	5.8	363538	
17	283	108	0	0.65	5.9	363821	
18	402	108	0	0.02	5.8	364223	
19	0						
20	0						
21	436	108	0	0.65	6.1	364659	
22	70	108	0	0.5	6.2	364729	
23	97	108	0	0.62	5.9	364826	
24	181	108+42	0	0.12	6.1	365007	
25	0						
26	0						
27	199	150	0	0.82	5.9	365206	
28	88	150	0	0.62	5.9	365294	
29	138	150	0	0.65	5.9	365482	
30	218	150	0	NR	NR	365700	
31	131	150	0	0.05	5.9	365831	
TOT	4,136		17				
AVG	133.42		0.55	No. Days:	31		

Population Served 3,500

Number of routine samples 4

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

Number of actual routine samples 7

Does a M&AR violation exist? YES  NO

If yes, check reason's below.

Actual number of samples fewer than required.

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

Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

If yes, check reason(s) below.

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

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

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

Reported by: [Signature]

Date: 2-5-03

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: JANUARY

2003

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
	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	2.128	15+135	35	0.41	5.5	964758	
3	1.187	125	25	0.18	5.5	965945	
4	0						
5	0						
6	3.512	67+83	58	0.04	5.6	969457	
7	1.199	126	24	0.37	5.6	970656	
8	1.126	105	21	0.018	5.8	971782	
9	1.167	94+56	9	0.05	5.8	972949	
10	1.078	126	24	0.1	5.7	974027	
11	0						
12	0						
13	2.837	72	54	0.27	5.6	976864	
14	806	60	12	0.5	5.7	977670	
15	1.012	32	28	0.024	5.9	978682	
16	921	10+140	22	0.018	5.8	979603	
17	1.344	117	23	0.65	5.9	980947	
18	1.040	98	19	0.02	5.8	981987	
19	0						
20	0						
21	2.857	48	50	0.65	6.1	984844	
22	891	30+120	18	0.5	6.2	985725	
23	1.064	129	21	0.62	5.9	986789	
24	1.034	112+38	17	0.12	6.1	987823	
25	0						
26	0						
27	3.141	93	57	0.82	5.9	990964	
28	1.236	75	18	0.62	5.9	992200	
29	1.216	54	21	0.65	5.9	993416	
30	982	36+114	13	NR	NR	994398	
31	698	135	15	0.05	5.9	995096	
TOT	32,466		599				
AVG	1047.29		19.32	No. Days:	31		

Population Served 3,500

Number of routine samples 4

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

Number of actual routine samples 7

Does a M&A violation exist? YES  NO

If yes, check reason's below.

Actual number of samples fewer than required.

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

Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

If yes, check reason(s) below.

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

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

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

Reported by: J. A. [Signature]

Date: 2-5-03

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: JANUARY    2003

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 764719
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl2 Residual mg/l	Lime Sodium Hydroxide		
		Gallons	Cl2 use per 24hrs				
1	0						
2	0	83	0	NR	NR	764719	
3	0	83	0	NR	NR	764719	
4	0						
5	0						
6	0	83	0	NR	NR	764719	
7	0	83	0	NR	NR	764719	
8	0	83	0	NR	NR	764719	
9	0	83	0	NR	NR	764719	
10	95	83	0	NR	NR	764814	
11	0						
12	0						
13	0	83	0	NR	NR	764814	
14	0	83	0	NR	NR	764814	
15	0	83	0	NR	NR	764814	
16	5	83	0	NR	NR	764819	
17	0	83	0	NR	NR	764819	
18	0	83	0	NR	NR	764819	
19	0						
20	0						
21	0	83	0	NR	NR	764819	
22	0	83	0	NR	NR	764819	
23	0	83	0	NR	NR	764819	
24	0	83	0	NR	NR	764819	
25	0						
26	0						
27	0	99	0	NR	NR	764819	
28	0	99	0	NR	NR	764819	
29	0	99	0	NR	NR	764819	
30	0	99	0	NR	NR	764819	
31	0	99	0	NR	NR	764819	
TOT	100		0				
AVG	3.23		0.00	No. Days:	31		

Population Served **3,500**

Number of routine samples 4

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

Number of actual routine samples 7

Does a M&AR violation exist?    YES     NO

If yes, check reason's below.

Actual number of samples fewer than required.

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

Failure to analyze repeat samples.

Does an MCL violation exist?    YES     NO

If yes, check reason(s) below.

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

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

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

Reported by: *[Signature]*

Date: 2-5-03

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: JANUARY

2003

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 463594
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl2 Residual mg/l	Lime Sodium Hydroxide		
		Gallons	Cl2 use per 24hrs				
1	0						
2	0	150	0	NR	NR	463594	
3	0	150	0	NR	NR	463594	
4	0						
5	0						
6	0	150	0	NR	NR	463594	
7	0	150	0	0.42	7.3	463594	
8	2	150	0	0.45	7.4	463596	
9	2	150	0	0.33	7.4	463598	
10	84	150	0	0.46	7.4	463682	
11	0						
12	0						
13	127	138	15	NR	NR	463809	
14	0	138	0	NR	NR	463809	
15	36	138	0	NR	NR	463845	
16	0	138	0	0.71	6.4	463845	
17	7	138	0	0.51	7.3	463852	
18	5	138	0	0.1	6.8	463857	
19	0						
20	0						
21	19	138	0	0.25	6.8	463876	
22	6	138	0	0.45	7	463882	
23	2	138	0	0.54	7.2	463884	
24	2	138	0	NR	NR	463886	
25	0						
26	0						
27	1,846	138	0	NR	NR	465732	
28	612	138	0	NR	NR	466344	
29	287	135	3	NR	NR	466631	
30	133	135	0	0.7	7	466764	
31	0	129	6	0.77	7.2	466764	
TOT	3,170		24				
AVG.	102.26		0.77	No. Days:	31		

Population Served 3,500

Number of routine samples 4

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

Number of actual routine samples 7

Does a M&AR violation exist? YES  NO

If yes, check reason's below.

Actual number of samples fewer than required.

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

Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

If yes, check reason(s) below.

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

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

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

Reported by: J. D. [Signature]

Date: 2-5-03

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: JANUARY

2003

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 Cl2 Residual mg/l	Lime	Sodium Hydroxide	
		Gallons	Cl2 use per 24hrs		—		
1	0	54	0	NR	NR	602956	
2	26	54	0	NR	NR	602982	
3	0	54	0	NR	NR	602982	
4	0						
5	0						
6	694	54	0	NR	NR	603676	
7	7	54	0	0.5	7.4	603683	
8	0	54	0	0.48	7.5	603683	
9	1	54+46	0	0.49	7.5	603684	
10	91	100	0	0.5	7.4	603775	
11	0						
12	0						
13	716	81	19	NR	NR	604491	
14	0	81	0	NR	NR	604491	
15	652	81	0	NR	NR	605143	
16	39	81	0	0.93	7.3	605182	
17	4	81	0	0.45	7.6	605186	
18	3	81	0	0.35	7.4	605189	
19	0						
20	0						
21	19	78	3	0.72	7.9	605208	
22	3	78	0	1	7.9	605211	
23	3	78	0	0.55	7.4	605214	
24	2	78	0	0.96	7.6	605216	
25	0						
26	0						
27	4	81	0	NR	NR	605220	
28	16	81	0	NR	NR	605236	
29	0	81	0	NR	NR	605236	
30	0	81	0	NR	NR	605236	
31	0	81	0	NR	NR	605236	
TOT	2,280		22				
AVG	73.55		0.71	No. Days:	31		

Population Served 3,500

Number of routine samples 4

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

Number of actual routine samples 7

Does a M&AR violation exist? YES  NO

If yes, check reason's below.

Actual number of samples fewer than required.

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

Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

if yes, check reason(s) below.

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

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

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

Reported by: JAC [Signature]

Date: 2-5-03

Title: Water Systems Supervisor

Certification No. NY0031941

2/1/03  
Pump Data

MONTHLY GALLONAGE REPORT  
2003JANUARY.xls

Date	Well 4	Well 6	Well 7	Well10	Well11	Well12	Daily Total
1	0	0	0	0	0	0	0
2	967	273	2,128	0	0	26	3,394
3	506	92	1,187	0	0	0	1,785
4	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0
6	1,683	332	3,512	0	0	694	6,221
7	542	147	1,199	0	0	7	1,895
8	520	127	1,126	0	2	0	1,775
9	544	130	1,167	0	2	1	1,844
10	522	158	1,078	95	84	91	2,028
11	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0
13	1,479	95	2,837	0	127	716	5,254
14	339	46	806	0	0	0	1,191
15	445	179	1,012	0	36	652	2,324
16	186	264	921	5	0	39	1,415
17	14	283	1,344	0	7	4	1,652
18	0	402	1,040	0	5	3	1,450
19	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0
21	765	436	2,857	0	19	19	4,096
22	396	70	881	0	6	3	1,356
23	505	97	1,064	0	2	3	1,671
24	409	181	1,034	0	2	2	1,628
25	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0
27	1,296	199	3,141	0	1,846	4	6,486
28	266	88	1,236	0	612	16	2,218
29	558	188	1,216	0	287	0	2,249
30	439	218	982	0	133	0	1,772
31	0	0	0	0	0	0	0
Total	12,381	4,005	31,768	100	3,170	2,280	53,704
		Totalizer	Totalizer		Totalizer	Total(x1,000)	
		This Month	Last Month		Gallons		
	Well 4	1,528,663	1,516,282		12,381		
	Well 6	365,700	361,695		4,005		
	Well 7	994,398	962,630		31,768		
	Well 10	764,819	764,719		100		
	Well 11	466,764	463,594		3,170		
	Well 12	605,236	602,956		2,280		
AGS Water Supply Meter		421,555	416,199		5356.00		
Medical Reactor - Well 105		0	0		0.00		
Biology Building - Well 9		6,721,900	6,708,380		13.52		

# 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. : 0301216-001A

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

Federal ID : 5111891

Client ID. : 16021-001

Collected : 1/9/03 9:00:00 AM

Point No : 094-273

Received : 1/9/03 3:00:00 PM

Location : B-49 Water Tower

Collected By : CLIENT

Copies To : Tony Ross

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/9/03 5:00:00 PM
E_Coliform	Absent		Absent	M9223	1/9/03 5:00:00 PM

*Joann M. Slavin*

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0301216-002A

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

Federal ID 5111891

Client ID. : 16021-002

Collected : 1/9/03 9:10:00 AM

Point No : 076-408

Received : 1/9/03 3:00:00 PM

Location : B-640 Water Tower

Collected By : CLIENT

Copies To : Tony Ross

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/9/03 5:00:00 PM
E_Coliform	Absent		Absent	M9223	1/9/03 5:00:00 PM

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

*Joann M. Slavins*

# 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 : S. Scarpitta

Federal ID 5111891

Collected : 1/9/03 10:25:00 AM

Received : 1/9/03 3:00:00 PM

Collected By : CLIENT

Copies To : Tony Ross

Lab No. : 0301216-003A

Client ID. : 16021-003

Sample Information...

Type : Potable Water

Origin : Dist.

Routine

Point No : 045-12

Location : B-1005 Rhic

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/9/03 5:00:00 PM
E_Coliform	Absent		Absent	M9223	1/9/03 5:00:00 PM

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

*Joann M. Slavin*

# 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

## LABORATORY RESULTS

Lab No. : 0301216-004A

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

Federal ID 5111891

Client ID. : 16021-004

Collected : 1/9/03 8:45:00 AM

Point No : 109-19

Received : 1/8/03 3:00:00 PM

Location : B-363 Apt Laundry

Collected By : CLIENT

Copies To : Tony Ross

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/9/03 5:00:00 PM
E_Coliform	Absent		Absent	M9223	1/9/03 5:00:00 PM

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

*Joann M. Slavin*

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0301216-005A

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

Federal ID 5111891

Client ID. : 16021-005

Collected : 1/9/03 10:30:00 AM

Point No : 054-187

Received : 1/9/03 3:00:00 PM

Location : B-930 Linac

Collected By : CLIENT

Copies To : Tony Ross

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/9/03 5:00:00 PM
E_Coliform	Absent		Absent	M9223	1/9/03 5:00:00 PM

*Joann M. Slavin*



# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0301216-006A

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

Federal ID 5111891

Client ID. : 16021-008

Collected : 1/9/03 10:40:00 AM

Point No : 084-70

Received : 1/9/03 2:00:00 PM

Location : B-490 Outpatient Clinic

Collected By : CLIENT

Copies To : Tony Ross

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/9/03 5:00:00 PM
E_Coliform	Absent		Absent	M9223	1/9/03 5:00:00 PM

*Joann M. Slawin*

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040, FAX: (631) 420-3436 NYSDOH ID# 10478

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM  
70 Bell Ave.

Lab No. : 0301216-007A

Sample Information...

Type : Potable Water

Upton, NY 11973

Origin : Dist.

Attn To : S. Scarpitta

Routine

Federal ID 5111891

Client ID. : 18021-007

Collected : 1/9/03 10:45:00 AM

Point No : 084-67

Received : 1/9/03 3:00:00 PM

Location : B-490 Block 11

Collected By : CLIENT

Copies To : Tony Ross

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/9/03 5:00:00 PM
E_Coliform	Absent		Absent	M9223	1/9/03 5:00:00 PM

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

*Joann M. Slavin*



**ATTACHMENT II**

**Brookhaven National Laboratory  
Potable Water Supply**

**January 2003 Biweekly Water Quality Monitoring Data for  
the BNL Potable Water Wells**

**and First Quarter Water Quality Data for the BNL Distribution System**

**Attachment II**  
**Table 1 - Summary of Water Quality Analyses**  
**for the BNL Potable Water System**  
**January 2003**

Sample Location	Sample Date	pH (SU)	Temperature (Degrees F)	Conductivity ( $\mu$ mhos)	Alkalinity (mg/L)	Calcium (mg/L)
WTP	1/2/03	7.0	53	148	NR	NR
WTP	1/7/03	7.3	54	146	NR	NR
WTP	1/9/03	7.3	54	155	NR	NR
WTP	1/14/03	7.4	52	159	NR	NR
WTP	1/21/03	7.8	51	153	NR	NR
WTP	1/23/03	7.5	52	217	NR	NR
Well 11	1/28/03	7.4	52	231	NR	NR
Well 11	1/30/03	7.4	52	187	NR	NR
Well 11	1/2/03	7.3	55	168	NR	NR
Well 11	1/7/03	7.4	55	244	NR	NR
Well 11	1/9/03	NR	NR	NR	NR	NR
Well 11	1/14/03	6.4	55	172	NR	NR
Well 11	1/21/03	6.8	55	177	NR	NR
Well 11	1/23/03	7.2	55	197	NR	NR
Well 11	1/28/03	7.0	55	189	NR	NR
Well 11	1/30/03	7.0	55	203	NR	NR
Bldg. 49	1/9/03	NR	NR	NR	30.4	9.23
Bldg. 640	1/9/03	NR	NR	NR	42.0	6.80
Bldg. 363	1/9/03	NR	NR	NR	26.1	8.17

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) 420-8436 NYSDOH ID# 10478

## LABORATORY RESULTS

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

Lab No. : 0301216-001

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

Federal ID 5111891

Client ID. : 16021-001

Collected 1/9/2003 9:00:00 AM

Point No 094-273

Received 1/9/2003 3:00:00 PM

Location: B-49 Water Tower

Collected By CLIENT

Copies To Tony Ross

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/9/2003 5:00:00 PM
E_Coliform	Absent		Absent	M9223	1/9/2003 5:00:00 PM
Alkalinity, Total (As CaCO3)	30.4	mg/L		M2320 B	1/22/2003 3:28:00 PM
Total Residual Chlorine	0.7	mg/L		M4500-Cl G	1/9/2003

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

Date Reported : 1/29/2003

*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. : 0301216-001

Sample Information...

Type : Potable Water

Origin: Dist

Federal ID 5111891

Client ID. : 16021-001

Collected 1/9/2003 9:00:00 AM

Point No 094-273

Received 1/9/2003 3:00:00 PM

Location: B-49 Water Tower

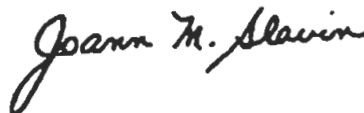
Collected By CLIENT

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	9230	µg/L		E200.7	1/18/2003 10:19:00 AM

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

Date Reported : 1/29/2003



# 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. : 0301216-002

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

Federal ID 5111891  
Collected 1/9/2003 9:10:00 AM Point No 076-408  
Received 1/9/2003 3:00:00 PM Location: B-640 Water Tower  
Collected By CLIENT  
Copies To Tony Ross

Client ID. : 16021-002

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/9/2003 5:00:00 PM
E_Coliform	Absent		Absent	M9223	1/9/2003 5:00:00 PM
Alkalinity, Total (As CaCO3)	42.0	mg/L		M2320 B	1/22/2003 3:33:00 PM
Total Residual Chlorine	0.6	mg/L		M4500-Cl G	1/9/2003

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

Date Reported : 1/29/2003

*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. : 0301216-002

Sample Information...

Type : Potable Water

Origin: Dist.

Federal ID 5111891

Client ID. : 16021-002

Collected 1/9/2003 9:10:00 AM

Point No 076-408

Received 1/9/2003 3:00:00 PM

Location: B-640 Water Tower

Collected By CLIENT

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	6800	µg/L		E200.7	1/18/2003 10:49:00 AM

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

Date Reported : 1/29/2003

*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. : 0301216-004

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

Federal ID 5111891

Client ID. : 16021-004

Collected 1/9/2003 8:45:00 AM

Point No 109-19

Received 1/9/2003 3:00:00 PM

Location: B-363 Apt.Laundry

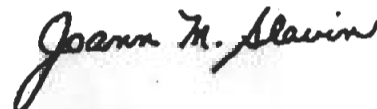
Collected By CLIENT

Copies To Tony Ross

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/9/2003 5:00:00 PM
E_Coliform	Absent		Absent	M9223	1/9/2003 5:00:00 PM
Alkalinity, Total (As CaCO3)	26.1	mg/L		M2320 B	1/22/2003 3:39:00 PM
Total Residual Chlorine	0.5	mg/L		M4500-CI G	1/9/2003

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

Date Reported : 1/29/2003



# 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. : 0301216-004

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

Federal ID 5111891

Client ID. : 16021-004

Collected 1/9/2003 8:45:00 AM

Point No 109-19

Received 1/9/2003 3:00:00 PM

Location: B-363 Apt.Laundry

Collected By CLIENT

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	8170	µg/L		E200.7	1/18/2003 10:57:00 AM

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

Date Reported : 1/29/2003

*Joann M. Slavin*  
Laboratory Manager



**ATTACHMENT III**

**Brookhaven National Laboratory  
Potable Water Supply**

**2003 First 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) 420-8436 NYSDOH ID# 10478

## LABORATORY RESULTS

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

Lab No. : 0301216-008

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

Federal ID 5111891

Client ID. : 16021-008

Collected 1/9/2003 10:55:00 AM Point No 8

Received 1/9/2003 3:00:00 PM Location: Well #4 Raw

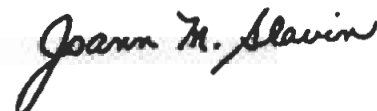
Collected By CLIENT

Copies To Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
Chloromethane	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
Vinyl chloride	< 0.5	µg/L	2	E502.2	1/22/2003 8:54:21 PM
Bromomethane	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
Chloroethane	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
1,1-Dichloroethene	< 0.5	µg/L	5	F502.2	1/22/2003 8:54:21 PM
Methylene chloride	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
cis-1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
Bromochloromethane	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
Chloroform	3.0	µg/L	50	E502.2	1/22/2003 8:54:21 PM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
Trichloroethene	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
Dibromomethane	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	1/22/2003 8:54:21 PM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	1/22/2003 8:54:21 PM
Chlorobenzene	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
Bromoform	< 0.5	µg/L	50	E502.2	1/22/2003 8:54:21 PM
Bromobenzene	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM

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

Date Reported : 1/29/2003



# 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. : 0301216-008

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

Federal ID 5111891  
Collected 1/9/2003 10:55:00 AM Point No 8  
Received 1/9/2003 3:00:00 PM Location: Well #4 Raw  
Collected By CLIENT  
Copies To Tony Ross

Client ID. : 16021-008

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
Benzene	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
Toluene	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
Ethylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
m,p-Xylene	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
o-Xylene	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
Styrene	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	1/22/2003 8:54:21 PM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 8:54:21 PM

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

Date Reported : 1/29/2003

*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. : 0301216-009

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

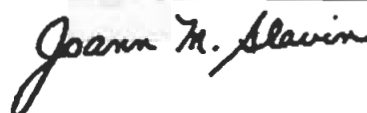
Federal ID 5111891  
Collected 1/9/2003 11:00:00 AM Point No 9  
Received 1/9/2003 3:00:00 PM Location: Well #6 Raw  
Collected By CLIENT  
Copies To Tony Ross

Client ID. : 16021-009

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
Chloromethane	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
Vinyl chloride	< 0.5	µg/L	2	E502.2	1/22/2003 9:50:45 PM
Bromomethane	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
Chloroethane	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
Methylene chloride	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
Bromochloromethane	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
Chloroform	< 0.5	µg/L	50	E502.2	1/22/2003 9:50:45 PM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
Trichloroethene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
Dibromomethane	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	1/22/2003 9:50:45 PM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	1/22/2003 9:50:45 PM
Chlorobenzene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
Bromoform	< 0.5	µg/L	50	E502.2	1/22/2003 9:50:45 PM
Bromobenzene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM

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

Date Reported : 1/29/2003





# 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. : 0301216-009

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

Federal ID 5111891

Client ID. : 16021-009

Collected 1/9/2003 11:00:00 AM Point No 9

Received 1/9/2003 3:00:00 PM Location: Well #6 Raw

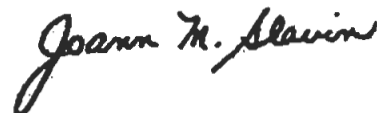
Collected By CLIENT

Copies To Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
Benzene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
Toluene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
Ethylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
m,p-Xylene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
o-Xylene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
Styrene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	1/22/2003 9:50:45 PM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 9:50:45 PM

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

Date Reported : 1/29/2003



# 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. : 0301216-010

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

Federal ID 5111891  
Collected 1/9/2003 11:10:00 AM Point No 10  
Received 1/9/2003 3:00:00 PM Location: Well #7 Raw  
Collected By CLIENT  
Copies To Tony Ross

Client ID. : 16021-010

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
Chloromethane	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
Vinyl chloride	< 0.5	µg/L	2	E502.2	1/22/2003 10:46:47 PM
Bromomethane	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
Chloroethane	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
Methylene chloride	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
Bromochloromethane	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
Chloroform	0.7	µg/L	50	E502.2	1/22/2003 10:46:47 PM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
Trichloroethene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
Dibromomethane	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	1/22/2003 10:46:47 PM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	1/22/2003 10:46:47 PM
Chlorobenzene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
Bromoform	< 0.5	µg/L	50	E502.2	1/22/2003 10:46:47 PM
Bromobenzene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM

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

Date Reported : 1/29/2003

Page 5 of 20

*Joann M. Blavin*  
Laboratory Manager

# 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. : 0301216-010

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

Federal ID 5111891

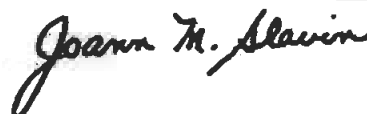
Client ID. : 16021-010

Collected 1/9/2003 11:10:00 AM Point No 10  
Received 1/9/2003 3:00:00 PM Location: Well #7 Raw  
Collected By CLIENT  
Copies To Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
Benzene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
Toluene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
Ethylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
m,p-Xylene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
o-Xylene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
Styrene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	1/22/2003 10:46:47 PM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 10:46:47 PM

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

Date Reported : 1/29/2003



# 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. : 0301216-011

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

Federal ID 5111891  
Collected 1/9/2003 11:20:00 AM Point No 11  
Received 1/9/2003 3:00:00 PM Location: Well #10 Raw  
Collected By CLIENT  
Copies To Tony Ross

Client ID. : 16021-011

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
Chloromethane	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
Vinyl chloride	< 0.5	µg/L	2	E502.2	1/22/2003 11:42:16 PM
Bromomethane	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
Chloroethane	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
Methylene chloride	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
Bromochloromethane	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
Chloroform	< 0.5	µg/L	50	E502.2	1/22/2003 11:42:16 PM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
Trichloroethene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
Dibromomethane	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	1/22/2003 11:42:16 PM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	1/22/2003 11:42:16 PM
Chlorobenzene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
Bromoform	< 0.5	µg/L	50	E502.2	1/22/2003 11:42:16 PM
Bromobenzene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM

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

Date Reported : 1/29/2003

Page 7 of 20

*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. : 0301216-011

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

Federal ID 5111891

Client ID. : 16021-011

Collected 1/9/2003 11:20:00 AM Point No 11  
Received 1/9/2003 3:00:00 PM Location: Well #10 Raw  
Collected By CLIENT  
Copies To Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
Benzene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
Toluene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
Ethylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
m,p-Xylene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
o-Xylene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
Styrene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	1/22/2003 11:42:16 PM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	1/22/2003 11:42:16 PM

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

Date Reported : 1/29/2003

*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. : 0301216-012

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

Federal ID 5111891  
Collected 1/9/2003 11:30:00 AM Point No 12  
Received 1/9/2003 3:00:00 PM Location: Well #11 Raw  
Collected By CLIENT  
Copies To Tony Ross

Client ID : 16021-012

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
Chloromethane	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	1/23/2003 12:38:25 AM
Bromomethane	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
Chloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
Chloroform	< 0.5	µg/L	50	E502.2	1/23/2003 12:38:25 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	1/23/2003 12:38:25 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	1/23/2003 12:38:25 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
Bromoform	< 0.5	µg/L	50	E502.2	1/23/2003 12:38:25 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM

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

Date Reported : 1/29/2003

Page 9 of 20

*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. : 0301216-012

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

Federal ID 5111891  
Collected 1/9/2003 11:30:00 AM Point No 12  
Received 1/9/2003 3:00:00 PM Location: Well #11 Raw  
Collected By CLIENT  
Copies To Tony Ross

Client ID. : 16021-012

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
Benzene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
Toluene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
o-Xylene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
Styrene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	1/23/2003 12:38:25 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 12:38:25 AM

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

Date Reported : 1/29/2003

*Joanna 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. : 0301216-013

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

Federal ID 5111891  
Collected 1/9/2003 11:20:00 AM Point No 13  
Received 1/9/2003 3:00:00 PM Location: Well #12 Raw  
Collected By CLIENT  
Copies To Tony Ross

Client ID. : 16021-013

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
Chloromethane	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	1/23/2003 1:34:37 AM
Bromomethane	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
Chloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
Chloroform	< 0.5	µg/L	50	E502.2	1/23/2003 1:34:37 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	1/23/2003 1:34:37 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	1/23/2003 1:34:37 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
Bromoform	< 0.5	µg/L	50	E502.2	1/23/2003 1:34:37 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM

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

Date Reported : 1/29/2003

*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. : 0301216-013

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

Federal ID 5111891

Client ID. : 16021-013

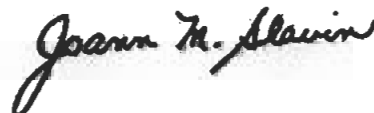
Collected 1/9/2003 11:20:00 AM Point No 13  
Received 1/9/2003 3:00:00 PM Location: Well #12 Raw  
Collected By CLIENT  
Copies To Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
Benzene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
Toluene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
o-Xylene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
Styrene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	1/23/2003 1:34:37 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 1:34:37 AM

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

Date Reported : 1/29/2003

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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. : 0301216-015

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

Federal ID 5111891

Client ID. : 16021-015

Collected 1/9/2003 11:20:00 AM

Point No 055-36

Received 1/9/2003 3:00:00 PM

Location: Well #10 Gac Filter 654

Collected By CLIENT

Copies To Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
Chloromethane	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	1/23/2003 2:31:41 AM
Bromomethane	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
Chloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
Chloroform	< 0.5	µg/L	50	E502.2	1/23/2003 2:31:41 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	1/23/2003 2:31:41 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	1/23/2003 2:31:41 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
Bromoforn	< 0.5	µg/L	50	E502.2	1/23/2003 2:31:41 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM

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

Date Reported : 1/29/2003

*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. : 0301216-015

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

Federal ID 5111891

Client ID. : 16021-015

Collected 1/9/2003 11:20:00 AM

Point No 055-36

Received 1/9/2003 3:00:00 PM

Location: Well #10 Gac Filter 654

Collected By CLIENT

Copies To Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
Benzene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
Toluene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
o-Xylene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
Styrene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	1/23/2003 2:31:41 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 2:31:41 AM

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

Date Reported : 1/29/2003

*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. : 0301216-016

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

Federal ID 5111891  
Collected 1/9/2003 11:30:00 AM Point No 056-31  
Received 1/9/2003 3:00:00 PM Location: Well #11 Gac Filter 655  
Collected By CLIENT  
Copies To Tony Ross

Client ID. : 16021-016

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
Chloromethane	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	1/23/2003 3:28:50 AM
Bromomethane	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
Chloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
Chloroform	< 0.5	µg/L	50	E502.2	1/23/2003 3:28:50 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	1/23/2003 3:28:50 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	1/23/2003 3:28:50 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
Bromoform	< 0.5	µg/L	50	E502.2	1/23/2003 3:28:50 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM

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

Date Reported : 1/29/2003

Page 15 of 20

*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. : 0301216-016

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

Federal ID 5111891

Client ID. : 16021-016

Collected 1/9/2003 11:30:00 AM

Point No 056-31

Received 1/9/2003 3:00:00 PM

Location: Well #11 Gac Filter 655

Collected By CLIENT

Copies To Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
Benzene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
Toluene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
o-Xylene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
Styrene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	1/23/2003 3:28:50 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 3:28:50 AM

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

Date Reported : 1/29/2003

*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. : 0301216-017

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

Federal ID 5111891

Client ID. : 16021-017

Collected 1/9/2003 11:40:00 AM

Point No 056-32

Received 1/9/2003 3:00:00 PM

Location: Well #12 Gac Filter 657

Collected By CLIENT

Copies To Tony Ross

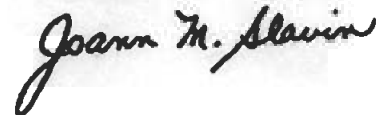
Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
Chloromethane	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	1/23/2003 4:25:51 AM
Bromomethane	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
Chloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
Chloroform	< 0.5	µg/L	50	E502.2	1/23/2003 4:25:51 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	1/23/2003 4:25:51 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	1/23/2003 4:25:51 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
Bromoform	< 0.5	µg/L	50	E502.2	1/23/2003 4:25:51 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
1,1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM

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

Date Reported : 1/29/2003

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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. : 0301216-017

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

Federal ID 5111891

Client ID : 16021-017

Collected 1/9/2003 11:40:00 AM

Point No 056-32

Received 1/9/2003 3:00:00 PM

Location: Well #12 Gac Filter 657

Collected By CLIENT

Copies To Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
Benzene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
Toluene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
o-Xylene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
Styrene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	1/23/2003 4:25:51 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 4:25:51 AM

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

Date Reported : 1/29/2003

*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. : 0301216-020

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

Federal ID 5111891  
Collected 1/9/2003 1:00:00 PM Point No 22  
Received 1/9/2003 3:00:00 PM Location: Bldg. 624 Wtp  
Collected By CLIENT  
Copies To Tony Ross

Client ID. : 16021-020

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
Chloromethane	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	1/23/2003 5:22:32 AM
Bromomethane	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
Chloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
Chloroform	< 0.5	µg/L	50	E502.2	1/23/2003 5:22:32 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	1/23/2003 5:22:32 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	1/23/2003 5:22:32 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
Bromoform	< 0.5	µg/L	50	E502.2	1/23/2003 5:22:32 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM

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

Date Reported : 1/29/2003

*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. : 0301216-020

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

Federal ID 5111891  
Collected 1/9/2003 1:00:00 PM Point No 22  
Received 1/9/2003 3:00:00 PM Location: Bldg. 624 Wtp  
Collected By CLIENT  
Copies To Tony Ross

Client ID. : 16021-020

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
Benzene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
Toluene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
o-Xylene	< 0.5	-	-	-	-
Styrene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	1/23/2003 5:22:32 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	1/23/2003 5:22:32 AM

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

*Joann M. Slavin*

Date Reported : 1/29/2003

Laboratory Manager

**ATTACHMENT IV**

**Brookhaven National Laboratory  
Potable Water Supply**

**2003 First Quarter Bacteriological Results  
for the BNL Potable Water Wells**





# 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. : 0301216-008

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

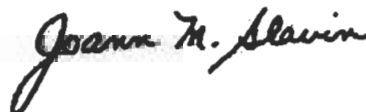
Federal ID 5111891  
Collected 1/9/2003 10:55:00 AM Point No 8  
Received 1/9/2003 3:00:00 PM Location: Well #4 Raw  
Collected By CLIENT  
Copies To Tony Ross

Client ID. : 16021-008

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/9/2003 5:00:00 PM
E_Coliform	Absent		Absent	M9223	1/9/2003 5:00:00 PM

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

Date Reported : 1/29/2003



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. : 0301216-009

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

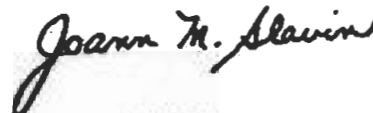
Federal ID 5111891  
Collected 1/9/2003 11:00:00 AM Point No 9  
Received 1/9/2003 3:00:00 PM Location: Well #6 Raw  
Collected By CLIENT  
Copies To Tony Ross

Client ID. : 16021-009

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/9/2003 5:00:00 PM
E_Coliform	Absent		Absent	M9223	1/9/2003 5:00:00 PM

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

Date Reported : 1/29/2003



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. : 0301216-010

Sample Information...

Type : Potable Water

Origin: Raw Well

Federal ID 5111891

Client ID. : 16021-010

Collected 1/9/2003 11:10:00 AM Point No 10

Received 1/9/2003 3:00:00 PM Location: Well #7 Raw

Collected By CLIENT

Copies To Tony Ross

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/9/2003 5:00:00 PM
E_Coliform	Absent		Absent	M9223	1/9/2003 5:00:00 PM

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

Date Reported : 1/29/2003

*Joanna M. Slavins*  
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. : 0301216-011

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

Federal ID 5111891

Client ID. : 16021-011

Collected 1/9/2003 11:20:00 AM Point No 11  
Received 1/9/2003 3:00:00 PM Location: Well #10 Raw  
Collected By CLIENT  
Copies To Tony Ross

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/9/2003 5:00:00 PM
E_Coliform	Absent		Absent	M9223	1/9/2003 5:00:00 PM

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

Date Reported : 1/29/2003

*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. : 0301216-012

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

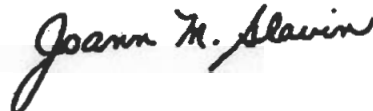
Federal ID 5111891  
Collected 1/9/2003 11:30:00 AM Point No 12  
Received 1/9/2003 3:00:00 PM Location: Well #11 Raw  
Collected By CLIENT  
Copies To Tony Ross

Client ID. : 16021-012

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/9/2003 5:00:00 PM
E_Coliform	Absent		Absent	M9223	1/9/2003 5:00:00 PM

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

Date Reported : 1/29/2003



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. : 0301216-013

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

Federal ID 5111891

Client ID. : 16021-013

Collected 1/9/2003 11:20:00 AM Point No 13  
Received 1/9/2003 3:00:00 PM Location: Well #12 Raw  
Collected By CLIENT  
Copies To Tony Ross

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/9/2003 5:00:00 PM
E_Coliform	Absent		Absent	M9223	1/9/2003 5:00:00 PM

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

Date Reported : 1/29/2003

*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. : 0301216-014

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

Federal ID 5111891

Client ID. : 16021-014

Collected 1/9/2003 1:00:00 PM Point No 14

Received 1/9/2003 3:00:00 PM Location: Wtf Packed Tower 648

Collected By CLIENT

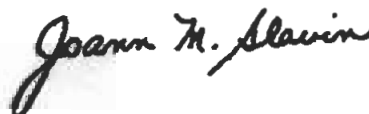
Copies To Tony Ross

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/9/2003 5:00:00 PM
E_Coliform	Absent		Absent	M9223	1/9/2003 5:00:00 PM

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

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

Date Reported : 1/29/2003



# 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. : 0301216-015

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

Federal ID 5111891

Client ID. : 16021-015

Collected 1/9/2003 11:20:00 AM

Point No 055-36

Received 1/9/2003 3:00:00 PM

Location: Well #10 Gac Filter 654

Collected By CLIENT

Copies To Tony Ross

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/9/2003 5:00:00 PM
E_Coliform	Absent		Absent	M9223	1/9/2003 5:00:00 PM

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

Date Reported : 1/29/2003

*Joann M. Slavin*

Laboratory Manager

# 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. : 0301216-016

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

Federal ID 5111891

Client ID. : 16021-016

Collected 1/9/2003 11:30:00 AM

Point No 056-31

Received 1/9/2003 3:00:00 PM

Location: Well #11 Gac Filter 655

Collected By CLIENT

Copies To Tony Ross

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/9/2003 5:00:00 PM
E_Coliform	Absent		Absent	M9223	1/9/2003 5:00:00 PM

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

Date Reported : 1/29/2003

*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

## LABORATORY RESULTS

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

Lab No. : 0301216-017

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

Federal ID 5111891

Client ID. : 16021-017

Collected 1/9/2003 11:40:00 AM

Point No 056-32

Received 1/9/2003 3:00:00 PM

Location: Well #12 Gac Filter 657

Collected By CLIENT

Copies To Tony Ross

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/9/2003 5:00:00 PM
E_Coliform	Absent		Absent	M9223	1/9/2003 5:00:00 PM

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

Date Reported : 1/29/2003

*Joann M. Slavin*

Laboratory Manager



**ATTACHMENT V**

**Brookhaven National Laboratory  
Potable Water Supply**

**2003 Semi-Annual Inorganic and Nitrate/Nitrite Analyses for  
the BNL Distribution System**



# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0301216-019

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

Federal ID 5111891  
Collected 1/9/2003 9:15:00 AM Point No 18  
Received 1/9/2003 3:00:00 PM Location: B-185 Men'S Room  
Collected By CLIENT  
Copies To Tony Ross

Client ID. : 16021-019

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Barium	< 200	µg/L	2000	E200.7	1/18/2003 11:04:00 AM
Beryllium	< 3.0	µg/L	4	E200.7	1/18/2003 11:04:00 AM
Cadmium	< 5.0	µg/L	5	E200.7	1/18/2003 11:04:00 AM
Chromium	< 10	µg/L	100	E200.7	1/18/2003 11:04:00 AM
Iron	229	µg/L	300	E200.7	1/18/2003 11:04:00 AM
Manganese	40.4	µg/L	300	E200.7	1/18/2003 11:04:00 AM
Nickel	< 40.0	µg/L	100	E200.7	1/18/2003 11:04:00 AM
Silver	< 10	µg/L	100	E200.7	1/18/2003 11:04:00 AM
Sodium	15200	µg/L		E200.7	1/18/2003 11:04:00 AM
Zinc	< 20.0	µg/L	5000	E200.7	1/18/2003 11:04:00 AM
Arsenic	< 3.00	ug/L	50	E200.8	1/19/2003 10:09:10 PM
Lead	1.31	ug/L	15	E200.8	1/19/2003 10:09:10 PM
Selenium	< 5.00	ug/L	50	E200.8	1/19/2003 10:09:10 PM
Antimony	< 5.90	ug/L	6	E200.8	1/19/2003 10:09:10 PM
Thallium	< 1.90	ug/L	2	E200.8	1/19/2003 10:09:10 PM
Mercury	< 0.20	µg/L	2	E245.1	1/15/2003 10:52:29 AM
Cyanide	< 10	µg/L	200	M4500-CN CE	1/13/2003 1:41:00 PM

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

Date Reported : 1/29/2003

*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. : 0301216-019

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

Federal ID 5111891

Client ID. : 16021-019

Collected 1/9/2003 9:15:00 AM Point No 18  
Received 1/9/2003 3:00:00 PM Location: B-185 Men'S Room  
Collected By CLIENT  
Copies To Tony Ross

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Chloride	24.6	mg/L		E325.2	1/21/2003 3:28:17 PM
Color	< 5	units	15	E110.2	1/10/2003 3:54:00 PM
Specific Conductivity	156	µmhos/cm		M2510 B	1/13/2003 9:02:00 AM
Fluoride	< 0.10	mg/L	2.2	M4500F C	1/15/2003 11:45:00 AM
MBAS	< 0.08	mg/L		E425.1	1/10/2003 3:49:00 PM
Nitrogen, Ammonia (As N)	< 0.10	mg/L		E350.1	1/27/2003 12:49:06 PM
Nitrite as N	< 0.10	mg/L	1	E353.2	1/11/2003 11:09:44 AM
Nitrate as N	0.19	mg/L		-----	1/11/2003 3:40:57 PM
Odor	0	units	3	E140.1	1/10/2003 3:15:00 PM
pH	6.8	pH Units		E150.1	1/10/2003 9:00:00 AM
Sulfate	9.1	mg/L		E375.4	1/14/2003 11:32:00 AM

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

Date Reported : 1/29/2003

*Joann M. Slavin*

Laboratory Manager

