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for the U.S. Department of Energy

November 5, 2003

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

Dear Ms. Kathleen Newcomer:

**Subject: Monthly Water Treatment Plant Reports**  
**Reference: Suffolk County Minimum Monitoring Requirements for October 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 Analyses for October.
- Attachment II: October 2003 Biweekly and Fourth Quarter Water Quality Monitoring Data for the BNL Potable Water Wells and the BNL Distribution System.
- Attachment III: 2003 Fourth Quarter Principal Organic Compound Analyses for the BNL Potable Water Distribution System and Potable Water Wells
- Attachment IV: 2003 Fourth Quarter Bacteriological Analyses for the BNL Potable Water Wells.

All analytical results have been reviewed and have been found to be within New York State Department of Health Drinking Water Standards (NYSDOH DWS). Collection and analysis of these samples are performed in accordance with the guidelines of the BNL Quality Assurance program, the SCDHS Community Water Supply Monitoring Requirements, and the BNL Potable Water System Sampling Plan. Plant Engineering Division personnel using standard operating procedures collect routine monitoring samples; a contractor laboratory using standard methods of analysis performs the subsequent analyses.



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National Standards Institute  
Registration Accreditation Board

The Quality Assurance documentation is available from the Environmental and Waste Management Services Division and Plant Engineering Divisions. Based on this information, we believe the values contained in these reports are representative of the BNL potable water system.

Should there be any questions regarding this report or the analytical or operational data contained herein, please call either M. Allocco at (631) 344-3166, R. Lee at (631) 344-3148, or W. Chaloupka at (631) 344-7136.

Sincerely,



George A. Goode  
Environmental & Waste Management Services  
Division Manager

GAG/MA:car  
Attachments: As noted

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

File: EC61ER.03

**ATTACHMENT I**

**Brookhaven National Laboratory**

**Potable Water Supply**

**Monthly Operational and Bacteriological Analyses for October 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: OCT    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 13003142
	Treated Water	Liquid Sodium Hypochlorite	Free Cl <sub>2</sub> Residual	Free Cl <sub>2</sub> Residual	Lime Sodium Hydroxide	Totalizer	
	K Gals	Gallons	per 24hrs	mg/l			
1	592	40	10	1	7.3	13003734	
2	602	30	10	0.9	7.1	13004336	
3	509	20	10	0.9	7.1	13004845	
4	0						
5	0						
6	1,814	185	15	0.85	7.2	13006659	
7	787	175	10	0.8	7.8	13007446	
8	877	165	10	0.6	7.3	13008323	
9	899	155	10	0.65	7.8	13009222	
10	989	145	10	0.76	7.7	13010211	
11	0						
12	0						
13	2,489	120	25	0.76	8	13012700	
14	837	110	10	0.87	7.5	13013537	
15	812	100	10	0.86	7.4	13014349	
16	729	90+110	10	0.61	7.5	13015078	
17	714	190	10	0.8	7.7	13015792	
18	0						
19	0						
20	1,935	180	10	0.62	7	13017727	
21	828	170	10	0.88	7.5	13018555	
22	720	167	3	0.77	7.5	13019275	
23	600	160	7	0.84	7.7	13019875	
24	755	153	7	1.05	7.3	13020630	
25	0						
26	0						
27	2,114	140	13	0.97	7.2	13022744	
28	818	130	10	0.84	7.4	13023562	
29	863	120	10	0.88	7.4	13024425	
30	836	110	10	0.83	7.3	13025261	
31	943	100	10	0.78	7.3	13026204	
TOT	23,062		240				
AVG.	743.94		7.74	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: *J.D. Ross*

Date: 11-4-03

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: OCT    2003

LOCATION: WELL NO. 4

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

Source: Ground Water

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

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer
	Treated Water	Liquid Sodium Hypochlorite Gallons	Free Cl2 Residual	Free Cl2 mg/l	Lime Sodium Hydroxide		
	K Gals	Cl2 use per 24hrs					
1	308	120	6	0.34	6.1		1620515
2	285	114	6	0.32	6.1		1620800
3	279	111+39	3	0.26	6.2		1621079
4	0						
5	0						
6	863	135	15	0.22	6		1621942
7	336	129	6	0.07	6		1622278
8	447	120	9	0.05	6.1		1622725
9	358	111	9	0.47	6		1623081
10	395	105	6	0.52	6		1623476
11	0						
12	0						
13	969	126	24	0.35	6		1624445
14	356	120	6	0.29	6		1624801
15	301	114	6	0.37	6		1625102
16	356	108+42	6	0.18	6		1625458
17	386	141	9	0.77	6		1625844
18	0						
19	0						
20	871	120	21	0.07	6		1626715
21	390	120	0	0.8	6		1627105
22	245	108	12	0.44	6		1627350
23	274	105+45	3	0.42	6		1627624
24	251	144	6	0.77	6		1627875
25	0						
26	0						
27	965	123	21	0.46	6.2		1628840
28	275	117	6	0.4	6		1629115
29	461	108	9	0.29	6.1		1629576
30	347	102	6	0.1	6.1		1629923
31	379	96+54	6	0.34	6.1		1630302
TOT	10,095		201				
AVG.	325.65		6.48	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 X

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 X

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: 11-04-03

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: OCT

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
	Treated Water	Liquid Sodium Hypochlorite		Free Cl2 Residual	Lime Sodium	404898 404991	
	K Gals	Gallons	Cl2 use per 24hrs	mg/l	Hydroxide		
1	93	138	2	0.34	6.1	404991	
2	142	135	3	0.32	6.1	405133	
3	46	132+18	3	0.26	6.2	405179	
4	0						
5	0						
6	417	138	12	0.22	6	405596	
7	167	135	8	0.07	6	405763	
8	91	134	1	0.05	6.1	405854	
9	157	129	5	0.47	6	406011	
10	157	125	4	0.52	6	406168	
11	0						
12	0						
13	317	138	12	0.35	6	406485	
14	146	132	6	0.29	6	406631	
15	146	129	3	0.37	6	406777	
16	132	126	3	0.18	6	406909	
17	168	123	3	0.77	6	407077	
18	0						
19	0						
20	350	114	9	0.07	6	407427	
21	90	114	0	0.8	6	407517	
22	150	108	6	0.44	6	407667	
23	141	105+45	3	0.42	6	407808	
24	118	144	6	0.77	6	407926	
25	0						
26	0						
27	243	138	6	0.46	6.2	408169	
28	36	135	3	0.4	6	408205	
29	250	129	6	0.29	6.1	408455	
30	133	126	3	0.1	6.1	408588	
31	111	123	3	0.34	6.1	408699	
TOT	3,801		110				
AVG.	122.61		3.55	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 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: *Ed Ross*

Date 11-4-03

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: OCT 2003
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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	
	Treated Water	Liquid Sodium Hypochlorite	Free Cl <sub>2</sub>	Lime	Totalizer	Daily Totalizer
	K Gals	Gallons	Cl <sub>2</sub> use Residual	Sodium Hydroxide		
		84	per 24hrs	mg/l		
1	578	72	12	0.34	6.1	1250516
2	544	60	12	0.32	6.1	1251060
3	582	50+100	10	0.26	6.2	1251642
4	0					
5	0					
6	1,760	117	33	0.22	6	1253402
7	812	99	18	0.07	6	1254214
8	880	84	15	0.05	6.1	1255094
9	1,027	63	19	0.47	6	1256121
10	1,093	40	23	0.52	6	1257214
11	0					
12	0					
13	2,851	90	60	0.35	6	1260065
14	914	72	18	0.29	6	1260979
15	800	57	15	0.37	6	1261779
16	630	45+105	12	0.18	6	1262409
17	805	129	21	0.77	6	1263214
18	0					
19	0					
20	1,948	90	39	0.07	6	1265162
21	973	72	18	0.8	6	1266135
22	724	57	15	0.44	6	1266859
23	607	45+105	12	0.42	6	1267466
24	752	129	21	0.77	6	1268218
25	0					
26	0					
27	2,256	105	24	0.46	6.2	1270474
28	859	72	33	0.4	6	1271333
29	896	63	9	0.29	6.1	1272229
30	915	51	12	0.1	6.1	1273144
31	1,019	36+114	15	0.34	6.1	1274163
TOT	24,225		466			
AVG.	781.45		15.03	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: 11-4-03

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: OCT 2003
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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 768620
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl2 Residual mg/l	Lime Sodium Hydroxide	Totalizer	
		Gallons	Cl2 use per 24hrs				
1	0	38	0	NR	NR	768620	
2	0	38	0	NR	NR	768620	
3	236	38	0	NR	NR	768856	
4	0						
5	0						
6	0	38	0	NR	NR	768856	
7	0	38	0	NR	NR	768856	
8	0	38	0	NR	NR	768856	
9	0	38	0	NR	NR	768856	
10	0	38	0	NR	NR	768856	
11	0						
12	0						
13	0	38	0	NR	NR	768856	
14	0	38	0	NR	NR	768856	
15	0	38	0	NR	NR	768856	
16	0	38	0	NR	NR	768856	
17	0	38	0	NR	NR	768856	
18	0						
19	0						
20	0	38	0	NR	NR	768856	
21	0	38	0	NR	NR	768856	
22	0	38	0	NR	NR	768856	
23	0	38	0	NR	NR	768856	
24	0	38	0	NR	NR	768856	
25	0						
26	0						
27	0	38	0	NR	NR	768856	
28	0	38	0	NR	NR	768856	
29	0	38	0	NR	NR	768856	
30	0	38	0	NR	NR	768856	
31	0	38	0	NR	NR	768856	
TOT	236		0				
AVG.	7.61		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: *Joe Marx*

Date: 11-4-03

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: OCT 2003
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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 507779
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl2 Residual mg/l	Lime	Sodium Hydroxide	
		Gallons	Cl2 use per 24hrs		Sodium		
1	72	92	0	NR	NR	507851	
2	0	92	0	NR	NR	507851	
3	59	90	2	NR	NR	507910	
4	0						
5	0						
6	0	90	0	NR	NR	507910	
7	3	90	0	0.65	7.9	507913	
8	0	90	0	NR	NR	507913	
9	24	90	0	NR	NR	507937	
10	0	90	0	NR	NR	507937	
11	0						
12	0						
13	0	90	0	NR	NR	507937	
14	0	87	3	0.63	8	507937	
15	1	87	0	NR	NR	507938	
16	29	87	0	NR	NR	507967	
17	0	87	0	NR	NR	507967	
18	0						
19	0						
20	0	87	0	NR	NR	507967	
21	0	87	0	NR	NR	507967	
22	4	87	0	NR	NR	507971	
23	109	87	0	NR	NR	508080	
24	113	84	3	NR	NR	508193	
25	0						
26	0						
27	139	82	2	NR	NR	508332	
28	0	82	0	NR	NR	508332	
29	3	82	0	NR	NR	508335	
30	0	82	0	NR	NR	508335	
31	2	82	0	NR	NR	508337	
TOT	558		10				
AVG.	18.00		0.32	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&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: 11-9-03

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: OCT

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	Liquid Sodium Hypochlorite		Free Cl <sub>2</sub> Residual	Lime	Sodium Hydroxide	
	K Gals	Gallons	Cl <sub>2</sub> use per 24hrs	mg/l			
1	62	78	0	NR	NR		647359
2	0	78	0	NR	NR		647359
3	57	76	2	NR	NR		647416
4	0						
5	0						
6	0	76	0	NR	NR		647416
7	132	76	0	0.49	7.8		647548
8	0	76	0	NR	NR		647548
9	23	76	0	NR	NR		647571
10	0	76	0	NR	NR		647571
11	0						
12	0						
13	0	76	0	NR	NR		647571
14	270	75	1	0.39	7.8		647841
15	9	75	0	NR	NR		647850
16	27	75	0	NR	NR		647877
17	0	75	0	NR	NR		647877
18	0						
19	0						
20	0	75	0	NR	NR		647877
21	0	75	0	0.4	7.8		647877
22	4	75	0	0.3	7.8		647881
23	101	72	3	NR	NR		647982
24	105	72	0	NR	NR		648087
25	0						
26	0						
27	128	69	3	NR	NR		648215
28	0	69	0	NR	NR		648215
29	4	69	0	NR	NR		648219
30	0	69	0	NR	NR		648219
31	4	69	0	NR	NR		648223
TOT	926		9				
AVG.	29.87		0.29	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.

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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: *JL Ross*

Date: 11-4-03

Title: Water Systems Supervisor

Certification No. NY0031941

10/31/2003  
Pump Data

MONTHLY GALLONAGE REPORT  
OCT 2003.xls

Date	Well 4	Well 6	Well 7	Well10	Well11	Well12	Daily Total
1	308	93	578	0	72	62	1,113
2	285	142	544	0	0	0	971
3	279	46	582	236	59	57	1,259
4	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0
6	863	417	1,760	0	0	0	3,040
7	336	167	812	0	3	132	1,450
8	447	91	880	0	0	0	1,418
9	356	157	1,027	0	24	23	1,587
10	395	157	1,093	0	0	0	1,645
11	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0
13	969	317	2,851	0	0	0	4,137
14	356	146	914	0	0	270	1,686
15	301	146	800	0	1	9	1,257
16	356	132	630	0	29	27	1,174
17	386	168	805	0	0	0	1,359
18	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0
20	871	350	1,948	0	0	0	3,169
21	390	90	973	0	0	0	1,453
22	245	150	724	0	4	4	1,127
23	274	141	607	0	109	101	1,232
24	251	118	752	0	113	105	1,339
25	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0
27	965	243	2,256	0	139	128	3,731
28	275	36	859	0	0	0	1,170
29	461	250	896	0	3	4	1,614
30	347	133	915	0	0	0	1,395
31	379	111	1,019	0	2	4	1,515
Total	10,095	3,801	24,225	236	558	926	39,841
			Totalizer This Month		Totalizer Last Month		Total(x1,000) Gallons
	Well 4		1,630,302		1,620,207		10,095
	Well 6		408,699		404,898		3,801
	Well 7		1,274,163		1,249,938		24,225
	Well 10		768,856		768,620		236
	Well 11		508,337		507,779		558
	Well 12		648,223		647,297		926
AGS Water Supply Meter			471,054		470,828		226.00
Medical Reactor - Well 105			0		0		0.00
Biology Building - Well 9			6,789,910		6,789,330		0.58

# 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. : 0310077-001

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

Federal ID 5111891

Client ID. : 17803-001

Collected 10/2/2003 8:30:00 AM Point No 094-273

Received 10/2/2003 3:30:00 PM Location: B-49 Water Tower

Collected By CLIENT

Copy : Original

CC

<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	10/3/2003 11:30:00 AM
E_Coliform	Absent		Absent	M9223	10/3/2003 11:30:00 AM
Total Residual Chlorine	0.9	mg/L		M4500-Cl G	10/2/2003

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

Date Reported : 10/7/2003

Page 1 of 18

*Joann M. Slavin*

Laboratory Manager

BNLM140 A53

# 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. : 0310077-002

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

Federal ID 5111891

Client ID. : 17803-002

Collected 10/2/2003 10:26:00 AM Point No 076-408

Received 10/2/2003 3:30:00 PM Location: B-640 Water Tower

Collected By CLIENT

Copy : Original

CC

<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	10/3/2003 11:30:00 AM
E_Coliform	Absent		Absent	M9223	10/3/2003 11:30:00 AM
Total Residual Chlorine	0.5	mg/L		M4500-Cl G	10/2/2003

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

Date Reported : 10/7/2003

*Joann M. Slavin*

Laboratory Manager

BNLM140 A54

# 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

Federal ID 5111891

Client ID : 17803-003

Collected 10/2/2003 9:05:00 AM Point No 045-12

Received 10/2/2003 3:30:00 PM Location: B-1005 RHIC

Collected By CLIENT

Copy : Original

CC

Sample Information...

Type : Potable Water

Origin: Dist.

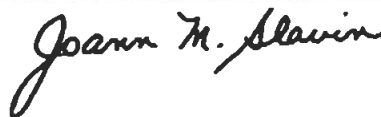
<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	10/3/2003 11:30:00 AM
E_Coliform	Absent		Absent	M9223	10/3/2003 11:30:00 AM
Total Residual Chlorine	0.6	mg/L		M4500-CI G	10/2/2003

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

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

Date Reported : 10/7/2003

Page 3 of 18



Laboratory Manager

BNLM140 A55

# 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

Federal ID 5111891

Client ID : 17803-004

Collected 10/2/2003 8:15:00 AM Point No 109-19

Received 10/2/2003 3:30:00 PM Location: B-363 Apt. Laundry

Collected By CLIENT

Copy : Original

CC

Sample Information...

Type : Potable Water

Origin: Dist.

<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	10/3/2003 11:30:00 AM
E_Coliform	Absent		Absent	M9223	10/3/2003 11:30:00 AM
Total Residual Chlorine	0.6	mg/L		M4500-CI G	10/2/2003

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

Date Reported : 10/7/2003

*Joann M. Slavin*

Laboratory Manager

BNLM140 A56

# 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

Federal ID 5111891

Client ID. : 17803-005

Collected 10/2/2003 9:18:00 AM Point No 075-602

Received 10/2/2003 3:30:00 PM Location: B-725 NSLS

Collected By CLIENT

Copy : Original

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Sample Information...

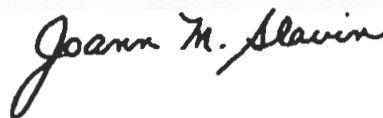
Type : Potable Water

Origin: Dist.

<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	10/3/2003 11:30:00 AM
E_Coliform	Absent		Absent	M9223	10/3/2003 11:30:00 AM
Total Residual Chlorine	0.7	mg/L		M4500-CI G	10/2/2003

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

Date Reported : 10/7/2003



Laboratory Manager

BNLM140 A57



# 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. : 0310077-006

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

Federal ID 5111891

Client ID : 17803-006

Collected 10/2/2003 9:33:00 AM Point No 084-69

Received 10/2/2003 3:30:00 PM Location: B-490 Block 1 ACF

Collected By CLIENT

Copy : Original

CC

<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	10/3/2003 11:30:00 AM
E_Coliform	Absent		Absent	M9223	10/3/2003 11:30:00 AM
Total Residual Chlorine	0.7	mg/L		M4500-CI G	10/2/2003

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

Date Reported : 10/7/2003

*Joann M. Slavin*

Laboratory Manager

BNLM140 A58

# 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

Federal ID 5111891

Client ID : 17803-007

Collected 10/2/2003 9:37:00 AM Point No 084-68

Received 10/2/2003 3:30:00 PM Location: B-490 Block 4 MRC

Collected By CLIENT

Copy : Original

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Sample Information...

Type : Potable Water

Origin: Dist.

<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	10/3/2003 11:30:00 AM
E_Coliform	Absent		Absent	M9223	10/3/2003 11:30:00 AM
Total Residual Chlorine	0.7	mg/L		M4500-CI G	10/2/2003

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

Date Reported : 10/7/2003

*Joann M. Slavin*

Laboratory Manager

BNLM140 A59

**ATTACHMENT II**

**Brookhaven National Laboratory**

**Potable Water Supply**

**October 2003 Biweekly and Fourth Quarter Water Quality Monitoring Data for the**

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

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

Sample Location	Sample Date	pH (SU)	Temperature (Degrees F)	Conductivity (µmhos)	Alkalinity (mg/L)	Calcium (mg/L)
WTP	10/2/03	7.1	56	239	ANR	ANR
WTP	10/7/03	7.8	55	150	ANR	ANR
WTP	10/9/03	7.8	56	141	ANR	ANR
WTP	10/14/03	7.5	55	195	ANR	ANR
WTP	10/16/03	7.5	55	214	ANR	ANR
WTP	10/21/03	7.5	57	136	ANR	ANR
WTP	10/23/03	7.7	57	148	ANR	ANR
WTP	10/28/03	7.6	55	197	ANR	ANR
WTP	10/30/03	7.3	56	156	ANR	ANR
Bldg. 49	10/2/03	7.1	63	243	20.7	7.48
Bldg. 363	10/2/03	7.2	61	193	32.6	6.75
Bldg. 363	10/2/03	7.3	64	156	20.8	8.67

**ANR** - Analysis Not Required

**NR** - Well Not Running

**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.

Jpton, NY 11973

Attn To : S. Scarpitta

Lab No. : 0310078-001

Sample Information...

Type : Potable Water

Origin: Treated Well

Federal ID 5111891

Client ID. : 17803-019

Collected 10/2/2003 8:32:00 AM

Point No 094-273

Received 10/2/2003 3:30:00 PM

Location: B-49 Water Tower

Collected By CLIENT

Copy : Original

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Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Specific Conductance	243	µmhos/cm		E120.1	10/2/2003
PH (FIELD)	7.1	pH units		E150.1	10/2/2003
Temperature	17	°C		E170.1	10/2/2003
Calcium	7480	µg/L		E200.7	10/6/2003 11:05:00 AM
Alkalinity, Total (As CaCO3)	20.7	mg/L		M2320 B	10/3/2003 11:30:00 AM

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

Date Reported : 10/16/2003

Page 1 of 13

*Joann M. Slavin*

Laboratory Manager

BNLM140 A28

# 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. : 0310078-002

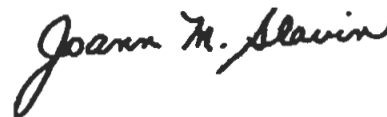
Sample Information...  
Type : Potable Water  
Origin: Treated Well

Federal ID 5111891 Client ID : 17803-020  
Collected 10/2/2003 10:26:00 AM Point No 076-408  
Received 10/2/2003 3:30:00 PM Location: B-640 Water Tower  
Collected By CLIENT  
Copy : Original  
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Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Specific Conductance	193	µmhos/cm		E120.1	10/2/2003
PH (FIELD)	7.2	pH units		E150.1	10/2/2003
Temperature	16	°C		E170.1	10/2/2003
Calcium	6750	µg/L		E200.7	10/6/2003 11:38:00 AM
Alkalinity, Total (As CaCO3)	32.6	mg/L		M2320 B	10/3/2003 11:44:00 AM

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

Date Reported : 10/16/2003



Laboratory Manager

BNLM140 A30

# 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. : 0310078-003

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

Federal ID 5111891

Client ID. : 17803-021

Collected 10/2/2003 9:18:00 AM Point No 109-19

Received 10/2/2003 3:30:00 PM Location: B-363 Apt.Laundry

Collected By CLIENT

Copy : Original

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Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Specific Conductance	156	µmhos/cm		E120.1	10/2/2003
PH (FIELD)	7.3	pH units		E150.1	10/2/2003
Temperature	18	°C		E170.1	10/2/2003
Calcium	8670	µg/L		E200.7	10/6/2003 11:46:00 AM
Alkalinity, Total (As CaCO3)	20.8	mg/L		M2320 B	10/3/2003 11:49:00 AM

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

Date Reported : 10/16/2003

Page 3 of 13

*Joann M. Slavin*

Laboratory Manager

BNLM140 A32

**ATTACHMENT III**

**Brookhaven National Laboratory**

**Potable Water Supply**

**2003 Fourth Quarter Principal Organic Compound Analyses for the BNL Potable  
Water Distribution System and 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.

Lab No. : 0310078-006A

Sample Information...

Type : Potable Water

Origin : Raw Well

Routine

Upton, NY 11973

Attn To : S. Scarpitta

Client ID. : 17803-023

Federal ID 5111891

Collected : 10/2/03 10:41:00 AM

Point No : 8

Received : 10/2/03 3:30:00 PM

Location : Well #4 Raw

Collected By : CLIENT

Copy : Original

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Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
Chloromethane	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	10/16/03 2:24:06 AM
Bromomethane	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
Chloroethane	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
Chloroform	3.5	µg/L	50	E502.2	10/16/03 2:24:06 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	10/16/03 2:24:06 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	10/16/03 2:24:06 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
Bromoform	< 0.5	µg/L	50	E502.2	10/16/03 2:24:06 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM

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

Date Reported : 10/16/03

*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.

Lab No. : 0310078-006A

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

Upton, NY 11973

Attn To : S. Scarpitta

Client ID. : 17803-023

Federal ID 5111891

Collected : 10/2/03 10:41:00 AM

Point No : 8

Received : 10/2/03 3:30:00 PM

Location : Well #4 Raw

Collected By : CLIENT

Copy : Original

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Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
Benzene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
Toluene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
o-Xylene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
Styrene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	10/16/03 2:24:06 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 2:24:06 AM

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

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

Date Reported : 10/16/03

*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. : 0310078-007A

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

Federal ID : 5111891  
Collected : 10/2/03 10:46:00 AM  
Received : 10/2/03 3:30:00 PM  
Collected By : CLIENT  
Copy : Original  
CC

Client ID. : 17803-024

Point No : 9  
Location : Well #6 Raw

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
Chloromethane	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	10/16/03 3:20:23 AM
Bromomethane	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
Chloroethane	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
Chloroform	1.0	µg/L	50	E502.2	10/16/03 3:20:23 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	10/16/03 3:20:23 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	10/16/03 3:20:23 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
Bromoform	< 0.5	µg/L	50	E502.2	10/16/03 3:20:23 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM

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

Date Reported : 10/16/03

*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.

Lab No. : 0310078-007A

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

Upton, NY 11973

Attn To : S. Scarpitta

Client ID. : 17803-024

Federal ID 5111891  
Collected : 10/2/03 10:46:00 AM

Point No : 9

Received : 10/2/03 3:30:00 PM

Location : Well #6 Raw

Collected By : CLIENT

Copy : Original

CC

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
Benzene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
Toluene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
o-Xylene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
Styrene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	10/16/03 3:20:23 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 3:20:23 AM

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

Date Reported : 10/16/03

*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.

Lab No. : 0310078-008A

Sample Information...

Type : Potable Water

Origin : Raw Well

Routine

Sydney, NY 11973

Attn To : S. Scarpitta

Client ID. : 17803-025

Federal ID 5111891

Collected : 10/2/03 10:59:00 AM

Point No : 10

Received : 10/2/03 3:30:00 PM

Location : Well #7 Raw

Collected By : CLIENT

Copy : Original

CC

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
Chloromethane	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	10/16/03 4:16:44 AM
Bromomethane	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
Chloroethane	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
Chloroform	0.6	µg/L	50	E502.2	10/16/03 4:16:44 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	10/16/03 4:16:44 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	10/16/03 4:16:44 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
Bromoform	< 0.5	µg/L	50	E502.2	10/16/03 4:16:44 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM

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

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

Date Reported : 10/16/03

*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. : 0310078-008A

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

Federal ID : 5111891  
Collected : 10/2/03 10:59:00 AM  
Received : 10/2/03 3:30:00 PM  
Collected By : CLIENT  
Copy : Original  
CC

Client ID. : 17803-025

Point No : 10  
Location : Well #7 Raw

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
Benzene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
Toluene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
o-Xylene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
Styrene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	10/16/03 4:16:44 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 4:16:44 AM

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

Date Reported : 10/16/03

*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.

Lab No. : 0310078-009A

Sample Information...

Type : Potable Water

Origin : Raw Well

Routine

Upton, NY 11973

Attn To : S. Scarpitta

Client ID. : 17803-026

Federal ID 5111891

Collected : 10/2/03 10:15:00 AM

Point No : 11

Received : 10/2/03 3:30:00 PM

Location : Well #10 Raw

Collected By : CLIENT

Copy : Original

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Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
Chloromethane	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	10/16/03 5:13:17 AM
Bromomethane	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
Chloroethane	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
Chloroform	8.4	µg/L	50	E502.2	10/16/03 5:13:17 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
Bromodichloromethane	8.8	µg/L	50	E502.2	10/16/03 5:13:17 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
Dibromochloromethane	4.5	µg/L	50	E502.2	10/16/03 5:13:17 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
Bromoform	< 0.5	µg/L	50	E502.2	10/16/03 5:13:17 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM

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

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

Date Reported : 10/16/03

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. : 0310078-009A

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

Federal ID 5111891

Client ID. : 17803-026

Collected : 10/2/03 10:15:00 AM

Point No : 11

Received : 10/2/03 3:30:00 PM

Location : Well #10 Raw

Collected By : CLIENT

Copy : Original

CC

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
Benzene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
Toluene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
o-Xylene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
Styrene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	10/16/03 5:13:17 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 5:13:17 AM

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

Date Reported : 10/16/03

*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.

Lab No. : 0310078-011A

Sample Information...

Type : Potable Water

Origin : Raw Well

Routine

Upton, NY 11973

Attn To : S. Scarpitta

Client ID. : 17803-028

Federal ID 5111891

Collected : 10/2/03 10:02:00 AM

Point No : 12

Received : 10/2/03 3:30:00 PM

Location : Well #11 Raw

Collected By : CLIENT

Copy : Original

CC

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
Chloromethane	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	10/16/03 7:06:10 AM
Bromomethane	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
Chloroethane	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
Chloroform	< 0.5	µg/L	50	E502.2	10/16/03 7:06:10 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	10/16/03 7:06:10 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	10/16/03 7:06:10 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
Bromoform	< 0.5	µg/L	50	E502.2	10/16/03 7:06:10 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM

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

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

Date Reported : 10/16/03

*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.

Lab No. : 0310078-011A

Sample Information...

Type : Potable Water

Origin : Raw Well

Routine

Upton, NY 11973

Attn To : S. Scarpitta

Federal ID 5111891

Client ID : 17803-028

Collected : 10/2/03 10:02:00 AM

Point No : 12

Received : 10/2/03 3:30:00 PM

Location : Well #11 Raw

Collected By : CLIENT

Copy : Original

CC

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
Benzene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
Toluene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
o-Xylene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
Styrene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	10/16/03 7:06:10 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 7:06:10 AM

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

Date Reported : 10/16/03

*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.

Lab No. : 0310078-013A

Sample Information...

Type : Potable Water

Origin : Raw Well

Routine

Upton, NY 11973

Attn To : S. Scarpitta

Federal ID 5111891

Client ID : 17803-030

Collected : 10/2/03 9:46:00 AM

Point No : 13

Received : 10/2/03 3:30:00 PM

Location : Well #12 Raw

Collected By : CLIENT

Copy : Original

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Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
Chloromethane	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	10/16/03 9:00:34 AM
Bromomethane	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
Chloroethane	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
Chloroform	< 0.5	µg/L	50	E502.2	10/16/03 9:00:34 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	10/16/03 9:00:34 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	10/16/03 9:00:34 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
Bromoform	< 0.5	µg/L	50	E502.2	10/16/03 9:00:34 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM

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

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

Date Reported : 10/16/03

*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.

Lab No. : 0310078-013A

Sample Information...

Type : Potable Water

Origin : Raw Well

Routine

Upton, NY 11973

Attn To : S. Scarpitta

Federal ID 5111891

Client ID. : 17803-030

Collected : 10/2/03 9:48:00 AM

Point No : 13

Received : 10/2/03 3:30:00 PM

Location : Well #12 Raw

Collected By : CLIENT

Copy : Original

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Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
Benzene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
Toluene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
o-Xylene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
Styrene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	10/16/03 9:00:34 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 9:00:34 AM

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

Date Reported : 10/16/03

*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. : 0310078-010A

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

Federal ID 5111891  
Collected : 10/2/03 10:19:00 AM  
Received : 10/2/03 3:30:00 PM  
Collected By : CLIENT  
Copy : Original  
CC

Client ID. : 17803-027

Point No : 19  
Location : Well #10 Treated

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
Chloromethane	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	10/16/03 6:09:34 AM
Bromomethane	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
Chloroethane	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
Chloroform	1.8	µg/L	50	E502.2	10/16/03 6:09:34 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
Bromodichloromethane	1.5	µg/L	50	E502.2	10/16/03 6:09:34 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
Dibromochloromethane	0.8	µg/L	50	E502.2	10/16/03 6:09:34 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
Bromoform	< 0.5	µg/L	50	E502.2	10/16/03 6:09:34 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM

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

Date Reported : 10/16/03

*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. : 0310078-010A

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

Federal ID : 5111891  
Collected : 10/2/03 10:19:00 AM  
Received : 10/2/03 3:30:00 PM  
Collected By : CLIENT  
Copy : Original  
CC

Client ID. : 17803-027

Point No : 19  
Location : Well #10 Treated

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
Benzene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
Toluene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
o-Xylene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
Styrene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	10/16/03 6:09:34 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 6:09:34 AM

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

Date Reported : 10/16/03

*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.

Lab No. : 0310078-012A

Sample Information...

Type : Potable Water

Origin : Treated Well

Routine

Upton, NY 11973

Attn To : S. Scarpitta

Client ID. : 17803-029

Federal ID 5111891  
Collected : 10/2/03 10:01:00 AM

Point No : 20

Received : 10/2/03 3:30:00 PM

Location : Well #11 Treated

Collected By : CLIENT

Copy : Original

CC

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
Chloromethane	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	10/16/03 8:02:55 AM
Bromomethane	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
Chloroethane	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
Chloroform	< 0.5	µg/L	50	E502.2	10/16/03 8:02:55 AM
1,1,1-Trichloroethane	0.6	µg/L	5	E502.2	10/16/03 8:02:55 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	10/16/03 8:02:55 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	10/16/03 8:02:55 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
Bromoform	< 0.5	µg/L	50	E502.2	10/16/03 8:02:55 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM

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

Date Reported : 10/16/03

*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.

Lab No. : 0310078-012A

Sample Information...

Type : Potable Water

Origin : Treated Well

Routine

Upton, NY 11973

Attn To : S. Scarpitta

Client ID. : 17803-029

Federal ID 5111891

Collected : 10/2/03 10:01:00 AM

Point No : 20

Received : 10/2/03 3:30:00 PM

Location : Well #11 Treated

Collected By : CLIENT

Copy : Original

CC

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
Benzene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
Toluene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
o-Xylene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
Styrene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	10/16/03 8:02:55 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 8:02:55 AM

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

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

Date Reported : 10/16/03

*Joann M. Alavin*

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. : 0310078-014A

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

Federal ID : 5111891  
Collected : 10/2/03 9:50:00 AM  
Received : 10/2/03 3:30:00 PM  
Collected By : CLIENT  
Copy : Original  
CC

Client ID. : 17803-031

Point No : 21  
Location : Well #12 Treated

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
Chloromethane	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	10/16/03 9:58:03 AM
Bromomethane	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
Chloroethane	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
Chloroform	0.5	µg/L	50	E502.2	10/16/03 9:58:03 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	10/16/03 9:58:03 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	10/16/03 9:58:03 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
Bromoform	< 0.5	µg/L	50	E502.2	10/16/03 9:58:03 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM

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

Date Reported : 10/16/03

Laboratory Manager

BNLM140 A51

# 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.

Lab No. : 0310078-014A

Sample Information...

Type : Potable Water

Origin : Treated Well

Routine

Upton, NY 11973

Attn To : S. Scarpitta

Client ID. : 17803-031

Federal ID 5111891

Collected : 10/2/03 9:50:00 AM

Point No : 21

Received : 10/2/03 3:30:00 PM

Location : Well #12 Treated

Collected By : CLIENT

Copy : Original

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Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
Benzene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
Toluene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
o-Xylene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
Styrene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	10/16/03 9:58:03 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 9:58:03 AM

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

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

Date Reported : 10/16/03

*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.

Lab No. : 0310078-005A

Sample Information...

Type : Potable Water

Origin : Raw Well

Routine

Upton, NY 11973

Attn To : S. Scarpitta

Client ID. : 17803-022

Federal ID 5111891

Collected : 10/2/03 11:03:00 AM

Point No : 22

Received : 10/2/03 3:30:00 PM

Location : Bldg. 624 WTP

Collected By : CLIENT

Copy : Original

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Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
Chloromethane	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	10/16/03 1:27:46 AM
Bromomethane	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
Chloroethane	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
Chloroform	1.1	µg/L	50	E502.2	10/16/03 1:27:46 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
Bromodichloromethane	1.5	µg/L	50	E502.2	10/16/03 1:27:46 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
Dibromochloromethane	1.0	µg/L	50	E502.2	10/16/03 1:27:46 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
Bromoform	< 0.5	µg/L	50	E502.2	10/16/03 1:27:46 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM

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

Date Reported : 10/16/03

*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.

Lab No. : 0310078-005A

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

Upton, NY 11973

Attn To : S. Scarpitta

Client ID. : 17803-022

Federal ID 5111891

Collected : 10/2/03 11:03:00 AM

Point No : 22

Received : 10/2/03 3:30:00 PM

Location : Bldg. 624 WTP

Collected By : CLIENT

Copy : Original

CC

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
Benzene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
Toluene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
o-Xylene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
Styrene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	10/16/03 1:27:46 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	10/16/03 1:27:46 AM

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

Date Reported : 10/16/03

*Joann M. Slavin*

Laboratory Manager

**ATTACHMENT IV**

**Brookhaven National Laboratory**

**Potable Water Supply**

**2003 Fourth Quarter Bacteriological 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. : 0310077-008

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

Federal ID 5111891

Client ID. : 17803-008

Collected 10/2/2003 10:40:00 AM Point No 8

Received 10/2/2003 3:30:00 PM Location: Well #4 Raw

Collected By CLIENT

Copy : Original

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<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	10/3/2003 11:30:00 AM
E_Coliform	Absent		Absent	M9223	10/3/2003 11:30:00 AM

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

Date Reported : 10/7/2003

*Joann M. Slavin*

Laboratory Manager

BNLM140 A60

# 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. : 0310077-009

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

Federal ID 5111891

Client ID. : 17803-009

Collected 10/2/2003 10:45:00 AM Point No 9

Received 10/2/2003 3:30:00 PM Location: Well #6 Raw

Collected By CLIENT

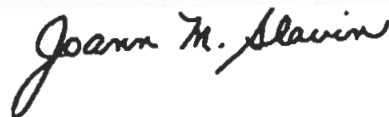
Copy : Original

CC

<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	10/3/2003 11:30:00 AM
E_Coliform	Absent		Absent	M9223	10/3/2003 11:30:00 AM

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

Date Reported : 10/7/2003



Laboratory Manager

BNLM140 A61

# 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. : 0310077-010

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

Federal ID 5111891

Client ID. : 17803-010

Collected 10/2/2003 10:59:00 AM Point No 10

Received 10/2/2003 3:30:00 PM Location: Well #7 Raw

Collected By CLIENT

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<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	10/3/2003 11:30:00 AM
E_Coliform	Absent		Absent	M9223	10/3/2003 11:30:00 AM

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

Date Reported : 10/7/2003

*Joann M. Slavin*

Laboratory Manager

BNLM140 A62



# 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. : 0310077-011

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

Federal ID 5111891

Client ID. : 17803-011

Collected 10/2/2003 10:13:00 AM Point No 11

Received 10/2/2003 3:30:00 PM Location: Well #10 Raw

Collected By CLIENT

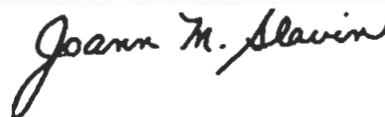
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<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	10/3/2003 11:30:00 AM
E_Coliform	Absent		Absent	M9223	10/3/2003 11:30:00 AM

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

Date Reported : 10/7/2003



Laboratory Manager

BNLM140 A63

# 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. : 0310077-012

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

Federal ID 5111891

Client ID. : 17803-012

Collected 10/2/2003 10:00:00 AM Point No 12  
Received 10/2/2003 3:30:00 PM Location: Well #11 Raw

Collected By CLIENT

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<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	10/3/2003 11:30:00 AM
E_Coliform	Absent		Absent	M9223	10/3/2003 11:30:00 AM

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

Date Reported : 10/7/2003

*Joann M. Slavin*

Laboratory Manager

BNLM140 A64

# 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

Federal ID 5111891

Client ID. : 17803-013

Collected 10/2/2003 9:45:00 AM Point No 13

Received 10/2/2003 3:30:00 PM Location: Well #12 Raw

Collected By CLIENT

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Sample Information...

Type : Potable Water

Origin: Raw Well

<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	10/3/2003 11:30:00 AM
E_Coliform	Absent		Absent	M9223	10/3/2003 11:30:00 AM

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

Date Reported : 10/7/2003

*Joann M. Slavin*

Laboratory Manager

BNLM140 A65

# 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. : 0310077-015

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

Federal ID 5111891

Client ID. : 17803-015

Collected 10/2/2003 10:22:00 AM Point No 055-36

Received 10/2/2003 3:30:00 PM Location: Well #10 Gac Filter 654

Collected By CLIENT

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<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	10/3/2003 11:30:00 AM
E_Coliform	Absent		Absent	M9223	10/3/2003 11:30:00 AM

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

Date Reported : 10/7/2003

*Joann M. Slavin*

Laboratory Manager

BNLM140 A67

# 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. : 0310077-016

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

Federal ID 5111891

Client ID. : 17803-016

Collected 10/2/2003 10:03:00 AM Point No 056-31

Received 10/2/2003 3:30:00 PM Location: Well #11 Gac Filter 655

Collected By CLIENT

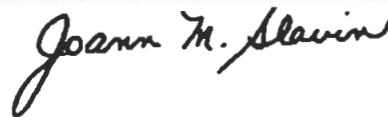
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<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	10/3/2003 11:30:00 AM
E_Coliform	Absent		Absent	M9223	10/3/2003 11:30:00 AM

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

Date Reported : 10/7/2003



Laboratory Manager

BNLM140 A68

# 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. : 0310077-017

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

Federal ID 5111891

Client ID. : 17803-017

Collected 10/2/2003 9:55:00 AM

Point No 056-32

Received 10/2/2003 3:30:00 PM

Location: Well #12 Gac Filter 657

Collected By CLIENT

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<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	10/3/2003 11:30:00 AM
E_Coliform	Absent		Absent	M9223	10/3/2003 11:30:00 AM

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

Date Reported : 10/7/2003

*Joann M. Slavin*

Laboratory Manager

BNLM140 A69

# 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. : 0310077-014

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

Federal ID 5111891

Client ID. : 17803-014

Collected 10/2/2003 11:06:00 AM Point No 073-20

Received 10/2/2003 3:30:00 PM Location: Wtf Packed Tower 648

Collected By CLIENT

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<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	10/3/2003 11:30:00 AM
E_Coliform	Absent		Absent	M9223	10/3/2003 11:30:00 AM

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

Date Reported : 10/7/2003

*Joann M. Slavin*

Laboratory Manager