M. Hincco

Environmental Services Division

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for the U.S. Department of Energy

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October 8, 2002

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

Dear Ms. Newcomer:

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

In accordance with the requirements of the BNL Potable Water System Sampling Plan and the 2002 SCDHS Minimum Monitoring Requirements for the BNL Potable Water Supply, included please find the following attachments for your records:

Attachment I:	BNL Potable Water Monthly Operational Reports for September 2002 and Second Quarter Bacteriological Reports for the BNL Potable Water System.
Attachment II:	September 2002 Biweekly Water Quality Monitoring Data for the BNL Potable Water Wells. Second and Third Quarter Water Quality Data for the BNL Distribution System.
Attachment III:	2002 Second and Third Quarter Principal Organic Compound Analyses for the BNL Potable Water Wells.
Attachment IV:	2002 Semi-Annual Inorganic and Nitrate/Nitrite Analyses for the BNL Potable Water Wells and the BNL Distribution System.
Attachment V:	2002 Annual Asbestos Analytical Results for the BNL Potable Water Distribution System.

All analytical results have been reviewed and have been found to be within New York State

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

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

Sincerely,

Robert Lee (for)

Lori Cunniff, CEP
Division Manager

LC/MA:rt
Attachments: As noted

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

EC61ER.02

ATTACHMENT I

Brookhaven National Laboratory
Potable Water Supply

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

BROOKHAVEN NATIONAL LABORATORY

WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 159	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD: September 2002

LOCATION: **Water Treatment Facility**

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

	CHLORINATION				pH	
	Treated	Liquid Sodium Hypochlorite		Free Cl2	_ Lime	Totalizer
Day of	Water	Gallons	Cl2 use	Residual	_ Sodium	Daily Totalizer
month	K Gals	180	per 24hrs	mg/l	Hydroxide	12655463
1	0					
2	0					
3	2,075	155	25	0.5	7.4	12657538
4	836	145	10	0.95	7.4	12658374
5	833	135	10	0.88	7.6	12659207
6	838	125	10	1.2	7.6	12660045
7	0					
8	0					
9	2,181	100	25	1.3	7.5	12662226
10	898	90	10	1.2	7.6	12663124
11	983	78	12	0.9	7.7	12664107
12	854	70	8	0.81	7.6	12664961
13	783	60+140	10	1	7.6	12665744
14	0					
15	0					
16	2,390	180	20	0.62	7.5	12668134
17	693	180	0	0.73	7.5	12668827
18	609	180	0	1.1	7.5	12669436
19	640	175	5	0.83	7.6	12670076
20	706	170+30	5	0.83	7.6	12670782
21	0					
22	0					
23	2,059	187	13	0.72	7.5	12672841
24	722	180	7	1.01	7.1	12673563
25	681	177	3	0.88	7.2	12674244
26	680	170	7	1.08	7.6	12674924
27	775	168	2	1.3	7.6	12675699
28	0					
29	0					
30	1,997	155	13	0.91	7.1	12677696
31	0					
Tot	22,033		195			
Avg	741.10		6.50	No. Days:	30	

Population Served 3,500

Number of routine samples 4

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

Number of actual routine samples 7

Does a M&AR violation exist? YES ____ NO 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 10-2-02

Title **Water Systems Supervisor**

Certification No. **NY0031941**

BROOKHAVEN NATIONAL LABORATORY

WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 159	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD: SEPTEMBER 2002

LOCATION: **WELL NO. 4**

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

Source: Ground Water

Does the system have a chlorination waiver? YES ____ NO ✓

	CHLORINATION				pH	
	Treated	Liquid Sodium Hypochlorite		Free Cl2	_ Lime	Totalizer
Day of	Water	Gallons	Cl2 use	Residual	_ Sodium	Daily Totalizer
month	K Gals	130	per 24hrs	mg/l	Hydroxide	1479844
1	0					
2	0					
3	0	130	0	NR	NR	1479844
4	0	130	0	NR	NR	1479844
5	0	130	0	NR	NR	1479844
6	0	130	0	NR	NR	1479844
7	0					
8	0					
9	0	130	0	NR	NR	1479844
10	0	130	0	NR	NR	1479844
11	0	130	0	NR	NR	1479844
12	3 785	130	0	NR	NR	1483629
13	97	130	0	NR	NR	1483726
14	0					
15	0					
16	6	130	0	NR	NR	1483732
17	43	130	0	2.08	5.8	1483775
18	61	0	0	0.3	5.7	1483836
19	108	0	0	0.53	5.9	1483944
20	226	0	0	0.02	5.8	1484170
21	0					
22	0					
23	356	0	0	0.08	5.9	1484526
24	51	0	0	0.09	5.9	1484577
25	29	30	0	0.12	5.9	1484606
26	415	75+75	5	0.02	5.9	1485021
27	472	140	10	1	5.9	1485493
28	0					
29	0					
30	956	112	28	0.03	5.8	1486449
31	0					
1-2	6 605		43			
Avg	20.17		1.43	No Days	30	

Population Served 3,500

Number of routine samples 4

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

Number of actual routine samples 7

Does a M&AR violation exist? YES ____ NO ✓

If yes, check reason's below.

____ Actual number of samples fewer than required.

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

____ Failure to analyze repeat samples

Does an MCL violation exist? YES ____ NO ✓

If yes, check reason(s) below

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

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

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

Reported by [signature]

Date 10-2-02

Title **Water Systems Supervisor**

Certification No. **NY0031941**

BROOKHAVEN NATIONAL LABORATORY

WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD: SEPTEMBER 2002

LOCATION: **WELL NO. 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 ✓

	CHLORINATION				pH	
	Treated	Liquid Sodium Hypochlorite		Free Cl2	_ Lime	Totalizer
Day of	Water	Gallons	Cl2 use	Residual	_ Sodium	Daily Totalizer
month	K Gals	190	per 24hrs	mg/l	Hydroxide	343736
1	0					
2	0					
3	1,126	180	10	0.6	5.9	344862
4	436	170	10	0.04	5.9	345298
5	455	160	10	0.65	5.9	345753
6	413	160+30	0	0.03	5.9	346166
7	0					
8	0					
9	1,097	172	18	1	5.9	347263
10	156	170	2	0.06	5.9	347419
11	216	168	2	1.3	5.9	347635
12	139	162	6	0.02	5.9	347774
13	180	160+30	2	0.05	6	347954
14	0					
15	0					
16	479	180	10	1.9	5.9	348433
17	171	178	2	2.08	5.8	348604
18	225	172	6	0.3	5.7	348829
19	372	170	2	0.53	5.9	349201
20	259	163	7	0.02	5.8	349460
21	0					
22	0					
23	881	150	13	0.08	5.9	350341
24	321	140	10	0.09	5.9	350662
25	477	138	2	0.12	5.9	351139
26	181	135+65	3	0.02	5.9	351320
27	167	200	0	1	5.9	351487
28	0					
29	0					
30	146	195	5	0.03	5.8	351633
31	0					
TOT	7,897		120			
AVG	263.23		4.00	No. Days:	30	

Population Served 3,500

Number of routine samples 4

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

Number of actual routine samples 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: 10-2-02

Title: Water Systems Supervisor

Certification No. NY0031941

BROOKHAVEN NATIONAL LABORATORY

WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD: SEPTEMBER 2002

LOCATION: **WELL NO. 7**

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

Source: Ground Water

Does the system have a chlorination waiver? YES ___ NO ✓

	CHLORINATION				pH	
	Treated	Liquid Sodium Hypochlorite		Free Cl2	__ Lime	Totalizer
Day of	Water	Gallons	Cl2 use	Residual	__ Sodium	Daily Totalizer
month	K Gals	170	per 24hrs	mg/l	Hydroxide	861870
1	0					
2	0					
3	2,446	130	40	0.6	5.9	864316
4	943	110	20	0.04	5.9	865259
5	1,215	85	25	0.65	5.9	866474
6	1,081	60+140	25	0.03	5.9	867555
7	0					
8	0					
9	2,651	145	55	1	5.9	870206
10	1,120	120	25	0.06	5.9	871326
11	1,239	90	30	1.3	59	872565
12	967	70	20	0.02	5.9	873532
13	954	60+140	10	0.05	6	874486
14	0					
15	0					
16	3,008	111	89	1.9	5.9	877494
17	774	84	27	2.08	5.8	878268
18	820	58	26	0.3	5.7	879088
19	729	30+170	28	0.53	5.9	879817
20	805	184	16	0.02	5.8	880622
21	0					
22	0					
23	2,349	105	[illegible]	0.08	5.9	882971
24	860	80	25	0.09	5.9	883831
25	936	50	30	0.12	5.9	884767
26	739	30+170	20	0.02	5.9	885506
27	876	182	18	1	5.9	886382
28	0					
29	0					
30	2,252	140	22	0.03	5.8	888634
31	0					
[illegible]	[illegible]		[illegible]			
[illegible]	[illegible]		[illegible]	No. Days	30	

Population Served 3,500

Number of routine samples 4

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

Number of actual routine samples 7

Does a M&AR violation exist? YES ___ NO ✓

If yes, check reason's below

___ Actual number of samples fewer than required.

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

Failure to analyze repeat samples

Does an MCL violation exist? YES ___ NO ✓

If yes, check reason(s) below

___ Two or more positive total coliform samples for systems collecting 40 or more samples (routine, repeat or 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 10-2-02

Title: Water Systems Supervisor

Certification No. NY0031941

BROOKHAVEN NATIONAL LABORATORY

WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD: SEPTEMBER 2002

LOCATION: **WELL NO. 10**

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

Source: Ground Water

Does the system have a chlorination waiver? YES ____ NO ✓

	CHLORINATION				pH	
	Treated	Liquid Sodium Hypochlorite		Free Cl2	_ Lime	Totalizer
Day of	Water	Gallons	Cl2 use	Residual	_ Sodium	Daily Totalizer
month	K Gals	58	per 24hrs	mg/l	Hydroxide	764327
1	0					
2	0					
3	0	58	0	NR	NR	764327
4	0	58	0	NR	NR	764327
5	0	58	0	NR	NR	764327
6	0	58	0	NR	NR	764327
7	0					
8	0					
9	0	58	0	NR	NR	764327
10	0	58	0	NR	NR	764327
11	0	58	0	NR	NR	764327
12	0	58	0	NR	NR	764327
13	0	58	0	NR	NR	764327
14	0					
15	0					
16	0	58	0	NR	NR	764327
17	0	58	0	NR	NR	764327
18	0	58	0	NR	NR	764327
19	0	0	0	NR	NR	764327
20	0	0	0	NR	NR	764327
21	0					
22	0					
23	0	0	0	NR	NR	764327
24	0	0	0	NR	NR	764327
25	0	0	0	NR	NR	764327
26	0	0	0	NR	NR	764327
27	0	0	0	NR	NR	764327
28	0					
29	0					
30	50	0	0	NR	NR	764377
31	0					
TOT	50		0			
AVG	1.67		0.00	No. Days:	30	

Population Served 3,500

Number of routine samples 4

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

Number of actual routine samples 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: 10-2-02

Title: **Water Systems Supervisor**

Certification No. **NY0031941**

BROOKHAVEN NATIONAL LABORATORY

WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD: SEPTEMBER 2002

LOCATION: **WELL NO. 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 ✓

	CHLORINATION				pH	
	Treated	Liquid Sodium Hypochlorite		Free Cl2	_ Lime	Totalizer
Day of	Water	Gallons	Cl2 use	Residual	_ Sodium	Daily Totalizer
month	K Gals	190	per 24hrs	mg/l	Hydroxide	458663
1	0					
2	0					
3	0	190	0	0.39	7.9	458663
4	2	190	0	0.21	6.7	458665
5	12	190	0	0.38	7.2	458677
6	0	190	0	NR	NR	458677
7	0					
8	0					
9	0	190	0	0.3	6.9	458677
10	3	190	0	0.89	6.5	458680
11	2	190	0	0.59	7.2	458682
12	2	190	0	0.51	6.7	458684
13	1	190	0	0.59	6.7	458685
14	0					
15	0					
16	1	190	0	0.6	6.8	458686
17	72	190	0	0	7	458758
18	20	190	0	0.03	6.6	458778
19	6	190	0	NR	NR	458784
20	0	190	0	NR	NR	458784
21	0					
22	0					
23	6	190	0	0.9	6.6	458790
24	1	190	0	0	6.5	458791
25	37	190	0	0	6.8	458828
26	17	190	0	0	7.4	458845
27	3	190	0	NR	NR	458848
28	0					
29	0					
30	1,624	190	0	NR	NR	460472
31	0					
32	1,809		0			
AVG	58.35		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 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 [signature]

Date 10-2-02

Title: **Water Systems Supervisor**

Certification No. **NY0031941**

BROOKHAVEN NATIONAL LABORATORY

WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD: SEPTEMBER 2002

LOCATION: **WELL NO. 12**

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

Source: Ground Water

Does the system have a chlorination waiver? YES ____ NO ✓

	CHLORINATION				pH	
	Treated	Liquid Sodium Hypochlorite		Free Cl2	_ Lime	Totalizer
Day of	Water	Gallons	Cl2 use	Residual	_ Sodium	Daily Totalizer
month	K Gals	190	per 24hrs	mg/l	Hydroxide	578914
1	0					
2	0					
3	4	190	0	0.6	8.1	578918
4	0	190	0	0.64	7.2	578918
5	1	190	0	NR	NR	578919
6	0	190	0	NR	NR	578919
7	0					
8	0					
9	12	190	0	NR	NR	578931
10	1	190	0	0.59	7	578932
11	3	190	0	0.85	7.4	578935
12	1	190	0	0.83	7.6	578936
13	1	190	0	0.56	7.1	578937
14	0					
15	0					
16	8	190	0	0.35	7.2	578945
17	45	190	0	0	7.1	578990
18	241	185	5	0.2	7.2	579231
19	188	178	7	0.3	7.4	579419
20	54	172	6	0.31	7.5	579473
21	0					
22	0					
23	222	170	2	0.92	7.7	579695
24	161	160	10	0.15	8	579856
25	234	152	8	0.18	8.6	580090
26	152	150	2	0.2	8.2	580242
27	14	150	0	NR	NR	580256
28	0					
29	0					
30	2					580258
31	0					
TOT	1,344		40			
AVG	44.80		1.33	No. Days:	30	

Population Served 3,500

Number of routine samples 4

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

Number of actual routine samples 7

Does a M&AR violation exist? YES ____ NO ✓

If yes, check reason's below.

____ Actual number of samples fewer than required.

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

____ Failure to analyze repeat samples.

Does an MCL violation exist? YES ____ NO ✓

If yes, check reason(s) below.

____ Two or more positive total coliform samples 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 10-2-02

Title **Water Systems Supervisor**

Certification No. **NY0031941**

9/30/02
Pump Data

MONTHLY GALLONAGE REPORT
2002 SEPTEMBER.xls

Date	Well 4	Well 6	Well 7	Well10	Well11	Well12	Daily Total
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
3	0	1,126	2,446	0	0	4	3,576
4	0	436	943	0	2	0	1,381
5	0	455	1,215	0	12	1	1,683
6	0	413	1,081	0	0	0	1,494
7	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0
9	0	1,097	2,651	0	0	12	3,760
10	0	156	1,120	0	3	1	1,280
11	0	216	1,239	0	2	3	1,460
12	3,785	139	967	0	2	1	4,894
13	97	180	954	0	1	1	1,233
14	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0
16	6	479	3,008	0	1	8	3,502
17	43	171	774	0	72	45	1,105
18	61	225	820	0	20	241	1,367
19	108	372	729	0	6	188	1,403
20	226	259	805	0	0	54	1,344
21	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0
23	356	881	2,349	0	6	222	3,814
24	51	321	860	0	1	161	1,394
25	29	477	936	0	37	234	1,713
26	415	181	739	0	17	152	1,504
27	472	167	876	0	3	14	1,532
28	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0
30	956	146	2,252	50	1,624	2	5,030
31	0	0	0	0	0	0	0
Total	6,605	7,897	26,764	50	1,809	1,344	44,469

	Totalizer This Month	Totalizer Last Month	Total(x1,000) Gallons
Well 4	1,486,449	1,479,844	6,605
Well 6	351,633	343,736	7,897
Well 7	888,634	861,870	26,764
Well 10	764,377	764,327	50
Well 11	460,472	458,663	1,809
Well 12	580,258	578,914	1,344
AGS Water Supply Meter	409,224	409,224	0.00
Medical Reactor - Well 105	0	0	0.00
Biology Building - Well 9	6,665,250	6,598,880	66.37

H2M LABS, INC.

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

LABORATORY RESULTS

Brookhaven National Lab.-BNLM
70 Bell Ave.
Upton, NY 11973
Attn To : Tony Ross
Federal ID : 5111891
Copies To : Bob Lee

Received : 09/05/02 2:27 PM
Collected By : JK00
Sample Type : Potable Water

Date Reported : 9/9/02

Lab Number	Location	Collected		Total Coliform	E. Coliform	Total Residual Chlorine
			Units			mg/L
			Method	M9223	M9223	M4500-Cl G
			Limits	Negative	Absent	N/A
0209183-001A	14853-001	09/05/02 8:53 AM	Analysis	Negative	Absent	0.7
Routine	B-49 Water Tower		Time	9/5/02 4:30:00 PM	9/5/02 4:30:00 PM	9/5/02
Dist						
0209183-002A	14853-002	09/05/02 9:12 AM	Analysis	Negative	Absent	0.5
Routine	B-640 Water Tower		Time	9/5/02 4:30:00 PM	9/5/02 4:30:00 PM	9/5/02
Dist						
0209183-003A	14853-003	09/05/02 9:30 AM	Analysis	Negative	Absent	0.4
Routine	B-1005 Rhic		Time	9/5/02 4:30:00 PM	9/5/02 4:30:00 PM	9/5/02
Dist						
0209183-004A	14853-004	09/05/02 10:20 AM	Analysis	Negative	Absent	0.7
Routine	B-363 Agl Laundry		Time	9/5/02 4:30:00 PM	9/5/02 4:30:00 PM	9/5/02
Dist						
0209183-005A	14853-005	09/05/02 10:45 AM	Analysis	Negative	Absent	0.9
Routine	B-930 Linac		Time	9/5/02 4:30:00 PM	9/5/02 4:30:00 PM	9/5/02
Dist						
0209183-006A	14853-006	09/05/02 11:00 AM	Analysis	Negative	Absent	1.0
Routine	B-490 Outpatient Clinic		Time	9/5/02 4:30:00 PM	9/5/02 4:30:00 PM	9/5/02
Dist						
0209183-007A	14853-007	09/05/02 11:15 AM	Analysis	Negative	Absent	0.3
Routine	B-490 Break 11		Time	9/5/02 4:30:00 PM	9/5/02 4:30:00 PM	9/5/02
Dist						

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

QA Manager

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H2M LABS INC
09/10/2002 08:39 16314208436

H2M LABS, INC.

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

LABORATORY RESULTS

Brookhaven National Lab.-BNLM
70 Bell Ave.
Upton, NY 11973
Attn To : Tony Ross
Federal ID : 5111691
Copies To : Bob Lee

Received : 09/05/02 2:27 PM
Collected By : JK00
Sample Type : Potable Water

Date Reported : 9/9/02

Lab Number	Location	Collected		Total Coliform	E. Coliform	Total Residual Chlorine
			Units			mg/L
			Method	M9223	M9223	M4500-Cl G
			Limits	Negative	Absent	N/A
0209183-008A	14853-008	09/05/02 11:15 AM		Negative	Absent	0.3
Routine	B-450 Block 11		Analysis Time	9/5/02 4:30:00 PM	9/5/02 4:30:00 PM	9/5/02
Dist						
0209183-009A	14853-009	09/05/02 1:00 PM		Negative	Absent	
Routine	Well #4 Raw		Analysis Time	9/5/02 4:30:00 PM	9/5/02 4:30:00 PM	
Raw Well						

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

QA Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0204190-008A

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

Federal ID 5111891
Collected : 4/4/02 10:35:00 AM
Received : 4/4/02 3:11:00 PM
Collected By : RL99
Copies To : TONY ROSS

Point No : 9
Location : Well #6 Raw

Client ID. : 11402-009

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Total Coliform	Negative		Negative	M9223	4/4/02 5:30:00 PM
E_Coliform	Absent		Absent	M9223	4/4/02 5:30:00 PM

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

Date Reported : 5/10/02

Joann M. Slavin

Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0204190-009A

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

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

Point No : 10
Location : Well #7 Raw

Client ID. : 11402-010

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Total Coliform	Negative		Negative	M9223	4/4/02 5:30:00 PM
E_Coliform	Absent		Absent	M9223	4/4/02 5:30:00 PM

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

Date Reported : 5/10/02

Joann M. Slavin
Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0204190-010A

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

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

Point No : 12
Location : Well #11 Raw

Client ID. : 11402-012

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Total Coliform	Negative		Negative	M9223	4/4/02 5:30:00 PM
E_Coliform	Absent		Absent	M9223	4/4/02 5:30:00 PM

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

Date Reported : 5/10/02

Joann M. Slavin

Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0204190-011A

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

Federal ID 5111891
Collected : 4/8/02
Received : 4/4/02 3:10:00 PM
Collected By : RL99
Copies To : TONY ROSS

Point No : 13
Location : Well #12 Raw

Client ID. : 11402-013

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Total Coliform	Negative		Negative	M9223	4/4/02 5:30:00 PM
E_Coliform	Absent		Absent	M9223	4/4/02 5:30:00 PM

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

Date Reported : 5/10/02

Joann M. Slavin
Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0204190-013A

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

Federal ID 5111891
Collected : 4/4/02 11:05:00 AM
Received : 4/4/02 3:10:00 PM
Collected By : RL99
Copies To : TONY ROSS

Client ID. : 11402-016
Point No : 056-31
Location : Well #11 Gac Filter 655

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Total Coliform	Negative		Negative	M9223	4/4/02 5:30:00 PM
E_Coliform	Absent		Absent	M9223	4/4/02 5:30:00 PM

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

Date Reported : 5/10/02

Joann M. Slavin
Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0204190-014A

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

Federal ID 5111891
Client ID. : 11402-017
Collected : 4/4/02 10:50:00 AM
Point No : 056-32
Received : 4/4/02 3:10:00 PM
Location : Well #12 Gac Filter 657
Collected By : RL99
Copies To : TONY ROSS

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Total Coliform	Negative		Negative	M9223	4/4/02 5:30:00 PM
E_Coliform	Absent		Absent	M9223	4/4/02 5:30:00 PM

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

Date Reported : 5/10/02

Joann M. Slavin
Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0204190-012A

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

Federal ID 5111891
Client ID. : 11402-014
Collected : 4/4/02 11:10:00 AM
Point No : 14
Received : 4/4/02 3:10:00 PM
Location : Wtf Packed Tower 648
Collected By : RL99
Copies To : TONY ROSS

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Total Coliform	Negative		Negative	M9223	4/4/02 5:30:00 PM
E_Coliform	Absent		Absent	M9223	4/4/02 5:30:00 PM

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

Date Reported : 5/10/02

Joann M. Slavin

Laboratory Manager

ATTACHMENT II

Brookhaven National Laboratory
Potable Water Supply

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

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

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

NR - Analysis Not Required or Not Reported
WTP – Water Treatment Plant
Note: Field parameters are only conducted for facilities that are in operation on the day of measurement.

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0204190-020A

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

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

Client ID. : 11402-024

Point No : 109-19
Location : B-363 Apt.Laundry

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Specific Conductance	140	µmhos/cm		E120.1	4/4/02
PH (FIELD)	7.9	pH units		E150.1	4/4/02
Temperature	11	°C		E170.1	4/4/02
Calcium	7.76	mg/L		E200.7	4/30/02 11:17:00 PM
Alkalinity, Total (As CaCO3)	14.2	mg/L		M2320 B	4/5/02 1:10:00 PM

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

Date Reported : 5/10/02

Joann M. Slavin
Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0204190-019A

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

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

Point No : 076-408
Location : B-640 Water Tower

Client ID. : 11402-023

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

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

Date Reported : 5/10/02

Joann M. Slavin
Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0204190-018A

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

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

Point No : 094-273
Location : B-49 Water Tower

Client ID. : 11402-022

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

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

Date Reported : 5/10/02

Joann M. Slavin
Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0207356-004

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

Federal ID 5111891
Client ID. : 14848-004
Collected 7/11/2002 8:55:00 AM Point No 109-19
Received 7/11/2002 3:15:00 PM Location: B-363 Apt.Laundry
Collected By SB99
Copies To Tony Ross

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

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

Joann M. Slavin
Laboratory Manager

Date Reported : 8/12/2002

~~Page 1 of 17~~ 8/12/02

BNLM123 S44

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0207356-004B

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

Federal ID 5111891
Collected : 7/11/02 8:55:00 AM
Received : 7/11/02 3:15:00 PM
Collected By : SB99
Copies To : Tony Ross

Client ID. : 14848-004
Point No : 109-19
Location : B-363 Apt.Laundry

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Calcium	7820	µg/L		E200.7	7/20/02 10:02:00 AM

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

Date Reported : 8/12/02

Joann M. Slavin
Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0207356-002

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

Federal ID 5111891
Client ID. : 14848-002
Collected 7/11/2002 8:40:00 AM Point No 076-408
Received 7/11/2002 3:15:00 PM Location: B-640 Water Tower
Collected By SB99
Copies To Tony Ross

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

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

Joann M. Slavin
Laboratory Manager

Date Reported : 8/12/2002

~~Page 1 of 17~~ 8/12/02

BNLM123 S41

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0207356-002B

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

Federal ID 5111891
Collected : 7/11/02 8:40:00 AM
Received : 7/11/02 3:15:00 PM
Collected By : SB99
Copies To : Tony Ross

Client ID. : 14848-002
Point No : 076-408
Location : B-640 Water Tower

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

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

Date Reported : 8/12/02

Joann M. Slavin
Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0207356-001

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

Federal ID 5111891
Client ID. : 14848-001
Collected 7/11/2002 8:30:00 AM
Point No 094-273
Received 7/11/2002 3:15:00 PM
Location: B-49 Water Tower
Collected By SB99
Copies To Tony Ross

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

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

Joann M. Slavin
Laboratory Manager

Date Reported : 8/12/2002

~~Page 1 of 17~~ 8/12/02

BNLM123 S39

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0207356-001B

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

Federal ID 5111891
Collected : 7/11/02 8:30:00 AM
Received : 7/11/02 3:15:00 PM
Collected By : SB99
Copies To : Tony Ross

Point No : 094-273
Location : B-49 Water Tower

Client ID. : 14848-001

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Calcium	6640	µg/L		E200.7	7/20/02 9:47:00 AM

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

Date Reported : 8/12/02

Joann M. Slavin
Laboratory Manager

ATTACHMENT III

Brookhaven National Laboratory
Potable Water Supply

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

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0204190-008A

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

Federal ID 5111891
Collected : 4/4/02 10:35:00 AM
Received : 4/4/02 3:10:00 PM
Collected By : RL99
Copies To : TONY ROSS

Point No : 9
Location : Well #6 Raw

Client ID. : 11402-009

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

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

Date Reported : 5/10/02

Joann M. 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 : TONY ROSS

Lab No. : 0204190-008A

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

Federal ID 5111891
Client ID. : 11402-009
Collected : 4/4/02 10:35:00 AM
Point No : 9
Received : 4/4/02 3:10:00 PM
Location : Well #6 Raw
Collected By : RL99
Copies To : TONY ROSS

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

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

Date Reported : 5/10/02

Joann M. Slavin
Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0204190-009A

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

Client ID. : 11402-010

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

Point No : 10
Location : Well #7 Raw

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

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

Date Reported : 5/10/02

Joann M. Slavin
Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0204190-009A

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

Federal ID 5111891
Client ID. : 11402-010
Collected : 4/4/02 10:30:00 AM
Point No : 10
Received : 4/4/02 3:10:00 PM
Location : Well #7 Raw
Collected By : RL99
Copies To : TONY ROSS

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

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

Date Reported : 5/10/02

Joann M. Slavin
Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0204190-010A

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

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

Client ID. : 11402-012

Point No : 12
Location : Well #11 Raw

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

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

Date Reported : 5/10/02

Joann M. Slavin
Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0204190-010A

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

Client ID. : 11402-012

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

Point No : 12
Location : Well #11 Raw

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
Benzene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
Toluene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
o-Xylene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
Styrene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	4/18/02 1:24:42 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 1:24:42 AM
Total Coliform	Negative		Negative	M9223	4/4/02 5:30:00 PM
E_Coliform	Absent		Absent	M9223	4/4/02 5:30:00 PM

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

Date Reported : 5/10/02

Joann M. Slavin
Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0204190-011A

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

Federal ID 5111891
Collected : 4/8/02
Received : 4/4/02 3:10:00 PM
Collected By : RL99
Copies To : TONY ROSS

Point No : 13
Location : Well #12 Raw

Client ID. : 11402-013

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

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

Date Reported : 5/10/02

Joann M. Slavin
Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0204190-011A

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

Federal ID 5111891
Collected : 4/8/02
Received : 4/4/02 3:10:00 PM
Collected By : RL99
Copies To : TONY ROSS

Client ID. : 11402-013

Point No : 13
Location : Well #12 Raw

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
Benzene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
Toluene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
o-Xylene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
Styrene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	4/18/02 2:23:58 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 2:23:58 AM
Total Coliform	Negative		Negative	M9223	4/4/02 5:30:00 PM
E_Coliform	Absent		Absent	M9223	4/4/02 5:30:00 PM

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

Date Reported : 5/10/02

Joann M. Slavin
Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0204190-021A

Sample Information...
Type : Potable Water
Origin :

Federal ID 5111891
Client ID. : 11402-020
Collected : 4/8/02 3:10:00 PM
Point No :
Received : 4/10/02 3:00:00 PM
Location : Well # 11 Raw
Collected By : RL99
Copies To : TONY ROSS

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Chloromethane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	4/18/02 5:23:27 AM
Bromomethane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Chloroethane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Chloroform	< 0.5	µg/L	50	E502.2	4/18/02 5:23:27 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	4/18/02 5:23:27 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	4/18/02 5:23:27 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Bromoform	< 0.5	µg/L	50	E502.2	4/18/02 5:23:27 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM

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

Date Reported : 5/10/02

Joann M. Slavin
Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0204190-021A

Sample Information...
Type : Potable Water
Origin :

Federal ID 5111891
Collected : 4/8/02 3:10:00 PM
Received : 4/10/02 3:00:00 PM
Collected By : RL99
Copies To : TONY ROSS

Point No :
Location :

Client ID. : 11402-020

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Benzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Toluene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
o-Xylene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Styrene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	4/18/02 5:23:27 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	4/18/02 5:23:27 AM

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

Date Reported : 5/10/02

Joann M. Slavin
Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0204190-017A

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

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

Point No : 21
Location : Well #12 Treated

Client ID. : 11402-021

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Chloromethane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	4/18/02 4:23:41 AM
Bromomethane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Chloroethane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Chloroform	< 0.5	µg/L	50	E502.2	4/18/02 4:23:41 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	4/18/02 4:23:41 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	4/18/02 4:23:41 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
Bromoform	< 0.5	µg/L	50	E502.2	4/18/02 4:23:41 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	4/18/02 4:23:41 AM

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

Date Reported : 5/10/02

Joann M. Slavin
Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0204190-017A

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

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

Client ID. : 11402-021

Point No : 21
Location : Well #12 Treated

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

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

Date Reported : 5/10/02

Joann M. Slavin
Laboratory Manager

F2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0207356-008

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

Federal ID 5111891
Client ID. : 14848-009
Collected 7/11/2002 10:22:00 AM Point No 9
Received 7/11/2002 3:15:00 PM Location: Well #6 Raw
Collected By SB99
Copies To Tony Ross

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

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

Joann M. Slavin
Laboratory Manager

Date Reported : 8/12/2002

BNLM123 S48

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0207356-008

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

Federal ID 5111891
Collected 7/11/2002 10:22:00 AM Point No 9
Received 7/11/2002 3:15:00 PM Location: Well #6 Raw
Collected By SB99
Copies To Tony Ross

Client ID. : 14848-009

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

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

Joann M. Slavin
Laboratory Manager

Date Reported : 8/12/2002

BNLM123 S49

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0207356-009

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

Federal ID 5111891
Collected 7/11/2002 9:16:00 AM
Received 7/11/2002 3:15:00 PM
Collected By SB99
Copies To Tony Ross

Point No 10
Location: Well #7 Raw

Client ID. : 14848-010

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

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

Joann M. Slavin

Laboratory Manager

Date Reported : 8/12/2002

BNLM123 S52

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

LABORATORY RESULTS

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

Lab No. : 0207356-009

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

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

Client ID. : 14848-010

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

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

Joann M. Slavin
Laboratory Manager

Date Reported : 8/12/2002

BNLM123 S53

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0207356-010

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

Federal ID 5111891
Client ID. : 14848-012
Collected 7/11/2002 10:40:00 AM Point No 12
Received 7/11/2002 3:15:00 PM Location: Well #11 Raw
Collected By SB99
Copies To Tony Ross

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

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

Joann M. Slavin
Laboratory Manager

Date Reported : 8/12/2002

BNLM123 S56

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

LABORATORY RESULTS

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

Lab No. : 0207356-011

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

Federal ID 5111891
Client ID. : 14848-013
Collected 7/11/2002 10:30:00 AM Point No 13
Received 7/11/2002 3:15:00 PM Location: Well #12 Raw
Collected By SB99
Copies To Tony Ross

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

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

Joann M. Slavin
Laboratory Manager

Date Reported : 8/12/2002

BNLM123 S60

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0207356-011

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

Federal ID 5111891
Client ID. : 14848-013
Collected 7/11/2002 10:30:00 AM Point No 13
Received 7/11/2002 3:15:00 PM Location: Well #12 Raw
Collected By SB99
Copies To Tony Ross

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

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

Joann M. Slavin
Laboratory Manager

Date Reported : 8/12/2002

BNLM123 S61

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0207356-013

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

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

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

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

Joann M. Slavin
Laboratory Manager

Date Reported : 8/12/2002

BNLM123 S65

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0207356-013

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

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

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

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

Joann M. Slavin

Date Reported : 8/12/2002

Laboratory Manager

BNLM123 S66

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0207356-014

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

Federal ID 5111891
Client ID. : 14848-017
Collected 7/11/2002 10:30:00 AM Point No 056-32
Received 7/11/2002 3:15:00 PM Location: Well #12 Gac Filter 657
Collected By SB99
Copies To Tony Ross

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

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

Joann M. Slavin
Laboratory Manager

Date Reported : 8/12/2002

BNLM123 S68

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

LABORATORY RESULTS

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

Lab No. : 0207356-014

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

Federal ID 5111891
Client ID. : 14848-017
Collected 7/11/2002 10:30:00 AM Point No 056-32
Received 7/11/2002 3:15:00 PM Location: Well #12 Gac Filter 657
Collected By SB99
Copies To Tony Ross

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

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

Joann M. Slavin
Laboratory Manager

Date Reported : 8/12/2002

BNLM123 S69

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0207356-017

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

Client ID. : 14848-020

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

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

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

Joann M. Slavin
Laboratory Manager

Date Reported : 8/12/2002

BNLM123 S74

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0207356-017

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

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

Client ID. : 14848-020

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

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

Joann M. Slavin
Laboratory Manager

Date Reported : 8/12/2002

BNLM123 S75

ATTACHMENT IV

Brookhaven National Laboratory
Potable Water Supply

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

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0207356-008

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

Federal ID 5111891
Client ID. : 14848-009
Collected 7/11/2002 10:22:00 AM Point No 9
Received 7/11/2002 3:15:00 PM Location: Well #6 Raw
Collected By SB99
Copies To Tony Ross

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

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

Joann M. Slavin
Laboratory Manager

Date Reported : 8/12/2002

~~Page 1 of 17~~ 8/12/02

BNLM123 S51

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0207356-008B

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

Federal ID 5111891
Client ID. : 14848-009

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

Point No : 9
Location : Well #6 Raw

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

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

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

Date Reported : 8/12/02

Joann M. Slavin
Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0207356-008B

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

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

Point No : 9
Location : Well #6 Raw

Client ID. : 14848-009

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

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

Date Reported : 8/12/02

Joann M. Slavin
Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0207356-009B

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

Federal ID 5111891
Collected : 7/11/02 9:16:00 AM
Received : 7/11/02 3:15:00 PM
Collected By : SB99
Copies To : Tony Ross

Point No : 10
Location : Well #7 Raw

Client ID. : 14848-010

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

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

Date Reported : 8/12/02

Joann M. Slavin
Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0207356-010

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

Federal ID 5111891
Client ID. : 14848-012
Collected 7/11/2002 10:40:00 AM Point No 12
Received 7/11/2002 3:15:00 PM Location: Well #11 Raw
Collected By SB99
Copies To Tony Ross

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

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

Joann M. Slavin
Laboratory Manager

Date Reported : 8/12/2002

~~Page 1 of 17~~ 8/12/02

BNLM123 S59

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0207356-010B

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

Federal ID 5111891
Collected : 7/11/02 10:40:00 AM
Received : 7/11/02 3:15:00 PM
Collected By : SB99
Copies To : Tony Ross

Point No : 12
Location : Well #11 Raw

Client ID. : 14848-012

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

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

Date Reported : 8/12/02

Joann M. Slavin
Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0207356-011

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

Federal ID 5111891
Collected 7/11/2002 10:30:00 AM Point No 13
Received 7/11/2002 3:15:00 PM Location: Well #12 Raw
Collected By SB99
Copies To Tony Ross

Client ID. : 14848-013

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

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

Joann M. Slavin
Laboratory Manager

Date Reported : 8/12/2002

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BNLM123 S63

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0207356-011B

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

Federal ID 5111891
Collected : 7/11/02 10:30:00 AM
Received : 7/11/02 3:15:00 PM
Collected By : SB99
Copies To : Tony Ross

Point No : 13
Location : Well #12 Raw

Client ID. : 14848-013

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Barium	< 200	µg/L	2000	E200.7	7/20/02 11:10:00 AM
Beryllium	< 3.0	µg/L	4	E200.7	7/20/02 11:10:00 AM
Cadmium	< 5.0	µg/L	5	E200.7	7/20/02 11:10:00 AM
Chromium	< 10	µg/L	100	E200.7	7/20/02 11:10:00 AM
Iron	< 20.0	µg/L	300	E200.7	7/20/02 11:10:00 AM
Manganese	< 10	µg/L	300	E200.7	7/20/02 11:10:00 AM
Nickel	< 40.0	µg/L	100	E200.7	7/20/02 11:10:00 AM
Silver	< 10	µg/L	100	E200.7	7/20/02 11:10:00 AM
Sodium	12900	µg/L		E200.7	7/20/02 11:10:00 AM
Zinc	< 20.0	µg/L	5000	E200.7	7/20/02 11:10:00 AM
Arsenic	< 3.0	µg/L	50	E200.9	7/25/02 8:10:00 PM
Lead	< 1.0	µg/L	15	E200.9	7/26/02 7:10:00 PM
Antimony	< 5.9	µg/L	6	E200.9	8/6/02 9:40:00 AM
Selenium	< 5.0	µg/L	50	E200.9	8/6/02 2:40:00 PM
Thallium	< 1.9	µg/L	2	E200.9	8/5/02 5:05:00 PM
Mercury	< 0.20	µg/L	2	E245.1	7/16/02 12:40:37 PM

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

Date Reported : 8/12/02

Joann M. Slavin
Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0207356-016

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

Federal ID 5111891
Client ID. : 14848-019
Collected 7/11/2002 11:30:00 AM Point No 18
Received 7/11/2002 3:15:00 PM Location: B-185 Men'S Room
Collected By SB99
Copies To Tony Ross

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

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

Joann M. Slavin
Laboratory Manager

Date Reported : 8/12/2002

BNLM123 S73

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0207356-016A

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

Federal ID 5111891
Client ID. : 14848-019
Collected : 7/11/02 11:30:00 AM
Point No : 18
Received : 7/11/02 3:15:00 PM
Location : B-185 Men'S Room
Collected By : SB99
Copies To : Tony Ross

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

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

Date Reported : 8/12/02

Joann M. Slavin
Laboratory Manager

ATTACHMENT V

Brookhaven National Laboratory
Potable Water Supply

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

EMSL Analytical, Inc
203 Stone Hinge Lane Carle Place NY 11514
Phone: 516 997-7251 Fax: 5169977528 Email: carleplacelab@emsl.com

Attn H2M Labs, Inc.
575 Broad Hollow Road
Melville, NY 11747

Fax: 631-420-8436 Phone: 631-694-3040

Project:

Customer ID H2ML50
Customer PO:
Received: 07/12/02 9:55 AM
EMSL Order: 060206113
EMSL Project ID:

Analysis Date: 7/14/02

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

SAMPLE ID	#ASBESTOS FIBERS All sizes	#ASBESTOS FIBERS >10um	# NON-ASBESTOS FIBERS	TYPE(S) OF ASBESTOS	ANALYTICAL SENSITIVITY (MFL) All Sizes	ANALYTICAL SENSITIVITY (MFL) >10um	CONFIDENCE LIMITS All Sizes	CONFIDENCE LIMITS >10um	CONCENTRATION OF ASBESTOS FIBERS (MFL) All Sizes	CONCENTRATION OF ASBESTOS FIBERS (MFL) >10um	COMMENTS
0207356-004C 060206113-0001	0	0	0		0.05	0.02	0.00-0.18	0.00-0.07	<0.18	<0.07	

Analysis Date: 7/14/02

Daniel Clarke
Analyst

Michelle McGowan
or other approved signatory

Sample collection and containers provided by the client, acceptable bottle blank level is defined as <=0.01MFL>10um. ND=None Detected. Fiber counting data will be reported as follows: No Fibers detected: The value will be reported as less than [illegible] concentration equivalent to on fiber. 1 to 4 fibers: The result will be reported as less than the corresponding upper 95% confidence limit (Poisson), 5 to 30 fibers: Mean and 95% confidence intervals will be reported on the basis of the Poisson as[illegible] more than 30 fibers are counted, both the Gaussian 95% confidence interval and the Poisson 95% confidence interval will be calculated. The large of these two intervals will be selected for data reporting. When the Gaussian 95% confidence [illegible] selected for data reporting, the Poisson will also be noted.

EMSL