

March 7, 2001

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 February 2001

In accordance with the requirements of the BNL Potable Water System Sampling Plan and the 2001 SCDHS Minimum Monitoring Requirements for the BNL Potable Water Supply, included please find the following attachments for your records:

- Attachment I: BNL Potable Water Monthly Bacteriological and Operational Reports for February 2001.
- Attachment II: February 2001 Biweekly Water Quality Monitoring Data for BNL Potable Water Wells and Quarterly Water Quality Data for the BNL Distribution System.
- Attachment III: 2001 First Quarter Radiological Analyses for the BNL Potable Water Wells
- Attachment IV: 2001 First Quarter Principal Organic Compound Analyses for the BNL Potable Water Wells
- Attachment V: 2001 First Quarter Bacteriological Reports for the BNL Potable Water Wells
- Attachment VI: 2001 Semi-Annual Inorganic and Nitrate/Nitrite Analyses 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

March 8, 2001

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,



Lori Cunniff, CEP
Division Manager



LEC/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.01

ATTACHMENT I

**Brookhaven National Laboratory
Potable Water Supply**

**Monthly Bacteriological and Operational
Reports for February 2001**

BROOKHAVEN NATIONAL LABORATORY

WATER SYSTEMS OPERATION REPORT

Public Water Supply Protection

PROGRAM CODE 169 STATION 11515100 SUFFOLK COUNTY REPORTING PERIOD : FEBRUARY 2001

LOCATION: WATER TREATMENT PLANT

Source: Ground Water

Did an emergency occur in any part of the water system? yes _____ no

Does the system have a chlorination waiver? yes _____ no

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl2 Residual mg/l	Lime Sodium Hydroxide		
		Gallons	Cl2 use per 24hrs				
1	1,450	10/90	5	0.6	7.9	12148942	
2	1,444	10/80	10	0.8	7.9	12150386	
3	0						
4	0						
5	3,950	10/52+148	28	0.78	7.3	12154336	
6	1,410	10/188	12	0.77	7.3	12155746	
7	1,423	10/180	8	0.92	7.2	12157169	
8	1,452	10/178	2	0.62	7.2	12158821	
9	1,466	10/171	7	0.87	7.3	12160087	
10	0						
11	0						
12	3,276	10/160	11	0.72	7.2	12163363	
13	1,246	10/152	8	0.58	7.5	12164609	
14	1,379	10/145	7	0.92	7.4	12165988	
15	1,428	10/140	5	0.68	7.5	12167416	
16	1,474	10/130	10	0.57	7.2	12168890	
17	0						
18	0						
19	3,643	10/113	17	0.8	7.8	12172533	
20	820	10/110	3	0.7	7.8	12173353	
21	990	10/105	5	0.66	7.3	12174343	
22	1,234	10/98	7	0.8	7.5	12175577	
23	1,351	10/91	7	0.8	7.8	12176928	
24	0						
25	0						
26	3,889	10/75	16	0.64	6.8	12180817	
27	1,426	10/67+128	8	0.72	7.5	12182243	
28	1,444	10/187	8	0.69	7.4	12183687	
29	0						
30	0						
31	0						
TOT	36,195		184				
AVG.	1292.68		6.57	No. Days:	28		

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? 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: 3-5-01

Title: WATER SYSTEMS SUPERVISOR

Cert. #: 05650

BROOKHAVEN NATIONAL LABORATORY

WATER SYSTEMS OPERATION REPORT

Public Water Supply Protection

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD : FEBRUARY 2001
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LOCATION: WELL NO. 4

Source: Ground Water

Did an emergency occur in any part of the water system? yes ___ no
 Does the system have a chlorination waiver? yes ___ no

Day of Month	CHLORINATION				pH		Totalizer Daily Totalizer
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl2 Residual mg/l	Lime	Sodium Hydroxide	
		Gallons	Cl2 use per 24hrs		Sodium		
1	443	111+39	10	0.5	5.9	1464543	
2	467	149	1	0.4	6	1465010	
3	0						
4	0						
5	1,246	149	0	0.02	5.8	1466256	
6	439	138	11	1.14	5.8	1466695	
7	472	122 +38	16	0.02	5.8	1467167	
8	446	150	10	1.39	5.8	1467613	
9	541	132	18	0.01	5.8	1468154	
10	0						
11	0						
12	1,091	101	31	1.3	6	1469245	
13	414	95	6	0.66	6	1469659	
14	461	87	8	1	6	1470120	
15	464	79	12	0.1	6	1470584	
16	399	71+129	9	0.1	5.6	1470983	
17	0						
18	0						
19	1,126	180	20	0.3	5.9	1472109	
20	216	177	3	0.2	5.8	1472325	
21	228	172	5	0.02	5.7	1472553	
22	388	165	7	0.2	5.9	1472941	
23	462	160	5	0.2	5.9	1473403	
24	0						
25	0						
26	1,186	139	21	0.01	5.5	1474589	
27	443	130	9	1	6	1475032	
28	415	123	7	0.02	6	1475447	
29	0						
30	0						
31	0						
TOT	11,347		209				
AVG.	405.25		7.46	No. Days:	28		

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? NO
 If yes, check reason(s) below.
 ___ Two or more positive total coliform samples for systems collecting 40 or more samples (routine, repeat or hiturb) per month.
 ___ Positive E. Coli result followed by a positive total coliform repeat sample.
 ___ Positive total coliform result followed by a positive E. Coli repeat sample.

Reported by J. A. Row
 Title WATER SYSTEMS SUPERVISOR

Date: 3-5-01
 Cert. #: 05650

BROOKHAVEN NATIONAL LABORATORY

WATER SYSTEMS OPERATION REPORT

Public Water Supply Protection

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD : FEBRUARY 2001
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LOCATION: WELL NO. 6

Did an emergency occur in any part of the water system? yes no

Does the system have a chlorination waiver? yes no

Source: Ground Water

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl2 Residual mg/l	Lime Sodium Hydroxide	Totalizer	
		Gallons	Cl2 use per 24hrs				
1	272	81	4	0.5	5.9	97898	
2	359	79	2	0.4	6	98257	
3	0						
4	0						
5	538	73	6	0.02	5.8	98795	
6	336	70	3	1.14	5.8	99131	
7	303	64+146	6	0.02	5.8	99434	
8	358	198	2	1.39	5.8	99792	
9	427	195	3	0.01	5.8	100219	
10	0						
11	0						
12	838	184	11	1.3	6	101057	
13	300	179	5	0.66	6	101357	
14	267	175	4	1	7.4	101624	
15	494	169	6	0.1	6	102118	
16	175	168+22	1	0.1	5.6	102293	
17	0						
18	0						
19	888	185	5	0.3	5.9	103181	
20	285	180	5	0.2	5.8	103466	
21	267	175	5	0.02	5.7	103733	
22	418	170	5	0.2	5.9	104151	
23	341	167	3	0.2	5.9	104492	
24	0						
25	0						
26	645	160	7	0.01	5.5	105137	
27	354	154	6	1	6	105491	
28	513	149	5	0.02	6	106004	
29	0						
30	0						
31	0						
TOT	8,378		94			0	
AVG.	299.21		3.36	No. Days:	28		

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? NO

If yes, check reason(s) below.

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

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

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

Reported by J. Rose

Date: 3-5-01

Title: WATER SYSTEMS SUPERVISOR

Cert. #: 05650

BROOKHAVEN NATIONAL LABORATORY

WATER SYSTEMS OPERATION REPORT

Public Water Supply Protection

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD : FEBRUARY 2001
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LOCATION: WELL NO. 7

Source: Ground Water

Did an emergency occur in any part of the water system? yes no

Does the system have a chlorination waiver? yes no

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer 360848
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl ₂	___ Lime	Sodium Hydroxide	
		Gallons	Cl ₂ use per 24hrs	Residual mg/l	___ Sodium		
1	1,201	55+115	20	0.5	5.9	362049	
2	1,261	151	19	0.4	6	363310	
3	0						
4	0						
5	3,590	90	61	0.02	5.8	366900	
6	1,255	68	22	1.14	5.8	368155	
7	1,266	45+155	23	0.02	5.8	369421	
8	1,230	179	21	1.39	5.8	370651	
9	1,257	155	24	0.01	5.8	371908	
10	0						
11	0						
12	2,867	111	44	1.3	6	374775	
13	1,182	90	11	0.66	6	375957	
14	1,198	67	27	1	7.4	377155	
15	1,244	42	25	0.1	6	378399	
16	1,328	30+170	12	0.1	5.6	379727	
17	0						
18	0						
19	3,281	143	57	0.3	5.9	383008	
20	740	130	13	0.2	5.8	383748	
21	747	115	15	0.02	5.7	384495	
22	1,086	95	20	0.2	5.9	385581	
23	1,178	75+125	20	0.2	5.9	386759	
24	0						
25	0						
26	3,637	135	70	0.01	5.5	390396	
27	1,262	112	23	1	6	391658	
28	1,174	91	21	0.02	6	392832	
29	0						
30	0						
31	0						
TOT	31,984		548			0	
AVG.	1142.29		19.57	No. Days:	28		

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? NO

If yes, check reason(s) below.

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

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

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

Reported by: J. A. Ross

Date: 3-6-01

Title: WATER SYSTEMS SUPERVISOR

Cert. # 05650

BROOKHAVEN NATIONAL LABORATORY

WATER SYSTEMS OPERATION REPORT

Public Water Supply Protection

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD :	FEBUARY 2001
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LOCATION: WELL NO. 10

Did an emergency occur in any part of the water system? yes ___ no

Does the system have a chlorination waiver? yes ___ no

Source: Ground Water

Day of Month	CHLORINATION				pH		Totalizer Daily Totalizer 764036
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl ₂ Residual mg/l	Lime Sodium Hydroxide		
		Gallons	Cl ₂ use per 24hrs				
1	0	59	0	NR	NR	764036	
2	0	59	0	NR	NR	764036	
3	0						
4	0						
5	0	59	0	NR	NR	764036	
6	0	59	0	NR	NR	764036	
7	0	59	0	NR	NR	764036	
8	0	59	0	NR	NR	764036	
9	0	59	0	NR	NR	764036	
10	0						
11	0						
12	0	59	0	NR	NR	764036	
13	0	59	0	0.41	7.1	764036	
14	3	59	0	NR	NR	764039	
15	0	59	0	NR	NR	764039	
16	0	59	0	NR	NR	764039	
17	0						
18	0						
19	0	59	0	NR	NR	764039	
20	0	59	0	NR	NR	764039	
21	0	59	0	NR	NR	764039	
22	0	59	0	NR	NR	764039	
23	0	59	0	NR	NR	764039	
24	0						
25	0						
26	0	59	0	NR	NR	764039	
27	0	59	0	NR	NR	764039	
28	0	59	0	NR	NR	764039	
29	0						
30	0						
31	0						
TOT	3		0			0	
AVG.	0.11		0.00	No. Days:	28		

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? No

If yes, check reason(s) below.

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

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

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

Reported by Joe Ross

Date: 3-5-01

Title WATER SYSTEMS SUPERVISOR

Cert. #: 05650

BROOKHAVEN NATIONAL LABORATORY

WATER SYSTEMS OPERATION REPORT

Public Water Supply Protection

PROGRAM CODE 169 STATION 11515100 SUFFOLK COUNTY REPORTING PERIOD : FEBRUARY 2001

LOCATION: WELL NO. 11

Source: Ground Water

Did an emergency occur in any part of the water system? yes _____ no

Does the system have a chlorination waiver? yes _____ no

Day of Month	CHLORINATION				pH		Totalizer Daily Totalizer 330610
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl ₂ Residual mg/l	Lime Sodium Hydroxide		
		Gallons	Cl ₂ use per 24hrs				
1	0	40	0	NR	NR	330610	
2	0	40	0	NR	NR	330610	
3	0						
4	0						
5	0	40	0	0.4	7.8	330610	
6	0	40	0	0.41	7.6	330610	
7	0	40	0	NR	NR	330610	
8	0	40	0	0.5	8	330610	
9	0	40	0	NR	NR	330610	
10	0						
11	0						
12	0	40	0	0.42	7	330610	
13	0	40	0	0.52	7.1	330610	
14	0	40	0	NR	NR	330610	
15	0	40	0	0.52	7.2	330610	
16	0	40	0	0.51	7.2	330610	
17	0						
18	0						
19	0	40	0	NR	NR	330610	
20	0	40	0	NR	NR	330610	
21	0	40	0	0.42	7.2	330610	
22	0	40	0	0.4	7.2	330610	
23	0	40	0	0.3	6.8	330610	
24	0						
25	0						
26	0	40	0	NR	NR	330610	
27	0	40	0	0.4	7.6	330610	
28	0	40	0	NR	NR	330610	
29	0						
30	0						
31	0						
TOT	0		0				
AVG	0.00		0.00	No. Days:	28		

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? 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 Ja Roen

Date: 3-5-01

Title WATER SYSTEMS SUPERVISOR

Cert. #: 05650

BROOKHAVEN NATIONAL LABORATORY

WATER SYSTEMS OPERATION REPORT

Public Water Supply Protection

PROGRAM CODE 169 STATION 11515100 SUFFOLK COUNTY REPORTING PERIOD : FEBRUARY 2001

LOCATION: WELL NO. 12

Source: Ground Water

Did an emergency occur in any part of the water system? yes _____ no
 Does the system have a chlorination waiver? yes _____ no

Day of Month	CHLORINATION				pH		Totalizer Daily Totalizer
	Treated Water	Liquid Sodium Hypochlorite		Free Cl ₂ Residual mg/l	Lime Sodium Hydroxide	Totalizer	
		Gallons	Cl ₂ use per 24hrs				
1	11	137	0	0.4	6.5	278778	
2	4	137	0	NR	NR	278789	
3	0						
4	0						
5	0	137	0	0.5	7.9	278793	
6	0	137	0	0.53	8	278793	
7	0	137	0	NR	NR	278793	
8	0	137	0	0.5	8	278793	
9	0	137	0	0.5	6.9	278793	
10	0						
11	0						
12	10	137	0	0.43	7.2	278803	
13	0	137	0	0.48	7	278803	
14	3	137	0	0.5	6.7	278806	
15	1	137	0	0.5	6.8	278807	
16	0	137	0	0.47	7	278807	
17	0						
18	0						
19	0	137	0	NR	NR	278807	
20	0	137	0	NR	NR	278807	
21	2	137	0	0.31	6.8	278809	
22	0	137	0	0.3	7.4	278809	
23	2	137	0	0.3	7.2	278811	
24	0						
25	0						
26	0	137	0	NR	NR	278811	
27	0	137	0	0.4	7.8	278811	
28	25	137	0	0.5	8	278836	
29	0						
30	0						
31	0						
TOT	58		0				
AVG.	2.07		0.00	No. Days:	28		

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? NO

If yes, check reason(s) below.

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

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

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

Reported by: J. P. Ross

Date: 3-5-01

Title: WATER SYSTEMS SUPERVISOR

Cert. #: 05650

2/28/01
Pump Data

MONTHLY GALLONAGE REPORT
Feb2001

Date	Well 4	Well 6	Well 7	Well10	Well11	Well12	Daily Total
1	443	272	1,201	0	0	11	1,927
2	467	359	1,261	0	0	4	2,091
3	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0
5	1,246	538	3,590	0	0	0	5,374
6	439	336	1,255	0	0	0	2,030
7	472	303	1,266	0	0	0	2,041
8	446	358	1,230	0	0	0	2,034
9	541	427	1,257	0	0	0	2,225
10	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0
12	1,091	838	2,867	0	0	10	4,806
13	414	300	1,182	0	0	0	1,896
14	461	267	1,198	3	0	3	1,932
15	464	494	1,244	0	0	1	2,203
16	399	175	1,328	0	0	0	1,902
17	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0
19	1,126	888	3,281	0	0	0	5,295
20	216	285	740	0	0	0	1,241
21	228	267	747	0	0	2	1,244
22	388	418	1,086	0	0	0	1,892
23	462	341	1,178	0	0	2	1,983
24	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0
26	1,186	645	3,637	0	0	0	5,468
27	443	354	1,262	0	0	0	2,059
28	415	513	1,174	0	0	25	2,127
29	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0
Total	11,347	8,378	31,984	3	0	58	51,770
		Totalizer		Totalizer		Total(x1,000)	
		This Month		Last Month		Gallons	
	Well 4	1,475,447		1,464,100		11,347	
	Well 6	106,004		97,626		8,378	
	Well 7	392,832		360,848		31,984	
	Well 10	764,039		764,036		3	
	Well 11	330,610		330,610		0	
	Well 12	278,836		278,778		58	
AGS Water Supply Meter		199,022		187,187		11835.00	
Medical Reactor - Well 105		91,203,145		91,049,977		153.17	
Biology Building - Well 9		5,901,670		5,891,860		9.81	

CELL #	#1	#2	#3	#4	#5	#6	#7	#8	TOTAL
DATE									B'WASH
1	OOS	0	OOS	1	1	1	1	0	4
2	OOS	1	OOS	0	0	1	0	1	3
3									0
4									0
5	OOS	0	OOS	1	1	1	1	1	5
6	OOS	1	OOS	1	0	1	1	1	5
7	OOS	0	OOS	0	1	1	1	1	4
8	OOS	1	OOS	1	0	0	1	0	3
9	OOS	1	OOS	2	1	1	1	1	7
10									0
11									0
12	OOS	1	OOS	2	1	2	2	2	10
13	OOS	0	OOS	1	1	1	1	1	5
14	OOS	1	OOS	0	0	1	0	1	3
15	OOS	0	OOS	1	1	1	1	1	5
16	OOS	0	OOS	1	0	0	1	0	2
17									0
18									0
19	OOS	2	OOS	2	1	2	2	2	2
20	OOS	0	OOS	1	1	1	0	1	4
21	OOS	0	OOS	0	0	0	0	0	0
22	OOS	1	OOS	1	1	1	1	1	6
23	OOS	0	OOS	1	1	1	1	1	5
24									0
25									0
26	OSS	1	OSS	2	1	2	2	1	8
27	OSS	1	OSS	1	1	1	0	1	5
28	OSS	0	OSS	1	0	1	1	1	4
29									0
30									0
31									0
TOTAL	0	11	0	20	13	20	18	18	90
TOTAL BACKWASHES									90
Gallons per Backwash									40,000
Total Backwash Gallons									3600 (x1000Gallons)
Readings are recorded at 0800 Hours and Totalizers are reset									

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. : 0102202-001A

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

Federal ID : 5111891

Client ID : 7843-001

Collected : 2/8/01 6:30:00 AM

Point No: 1

Received : 2/8/01 2:00:00 PM

Location: B-49 WATER TOWER

Collected By SB99

Copies To : SAL SCARPITTA

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	2/8/01 5:00:00 PM
E_Coliform	Absent		Absent	M9223	2/8/01 5:00:00 PM
Total Residual Chlorine	0.4	mg/L		M4500-CI G	2/8/01

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

Joann M. Slavine

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. : 0102202-002A

Sample Information...

Type : Potable Water

Origin: Dist.

Federal ID : 5111891

Client ID. : 7843-002

Collected : 2/8/01 8:50:00 AM

Point No: 2

Received : 2/8/01 2:00:00 PM

Location: B-640 WATER TOWER

Collected By SB99

Copies To : SAL SCARPITTA

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	2/8/01 5:00:00 PM
E_Coliform	Absent		Absent	M9223	2/8/01 5:00:00 PM
Total Residual Chlorine	0.5	mg/L		M4500-Cl G	2/8/01

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

Joann M. Slavine

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0102202-003A

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

Federal ID : 5111891
Collected : 2/8/01 6:15:00 AM
Received : 2/8/01 2:00:00 PM
Collected By : SB99
Copies To : SAL SCARPITTA

Client ID. : 7843-003

Point No: 3
Location: B-1005 RHIC

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	2/8/01 5:00:00 PM
E_Coliform	Absent		Absent	M9223	2/8/01 5:00:00 PM
Total Residual Chlorine	0.5	mg/L		M4500-Cl G	2/8/01

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

Joann M. Slavicek

H2M LABS, INC.

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

BROOKHAVEN NATIONAL LAB.-BNLM

70 BELL AVE.

UPTON, NY 11973

Attn To : S. SCARPITTA

Federal ID : 5111891

Collected : 2/8/01 6:50:00 AM

Received : 2/8/01 2:00:00 PM

Collected By : SB99

Copies To : SAL SCARPITTA

LABORATORY RESULTS

Lab No. : 0102202-004A

Sample Information...

Type : Potable Water

Origin: Dist.

Client ID. : 7843-004

Point No: 4

Location: B-363 APT.LAUNDRY

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	2/8/01 5:00:00 PM
E_Coliform	Absent.		Absent	M9223	2/8/01 5:00:00 PM
Total Residual Chlorine	0.5	mg/L		M4500-CI G	2/8/01

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

Joann M. Alavin

H2M LABS, INC.575 Broad Hollow Road, Melville NY 11747
(631) 694-3040, FAX: (631) 420-8436 NYSDOH ID# 10478LABORATORY RESULTSBROOKHAVEN NATIONAL LAB.-BNLM
70 BELL AVE.
UPTON, NY 11973
Attn To : S. SCARPITTA

Lab No. : 0102202-005A

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

Federal ID : 5111891

Client ID. : 7843-006

Collected : 2/8/01 7:40:00 AM

Point No: 23

Received : 2/8/01 2:00:00 PM

Location: B-725 NSLS

Collected By SB99

Copies To : SAL SCARPITTA

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	2/8/01 5:00:00 PM
E_Coliform	Absent		Absent	M9223	2/8/01 5:00:00 PM
Total Residual Chlorine	0.5	mg/L		M4500-Cl G	2/8/01

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

Joann M. Alavine

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. : 0102202-006A

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

Federal ID : 5111891

Client ID. : 7843-006

Collected : 2/8/01 7:20:00 AM

Point No: 24

Received : 2/8/01 2:00:00 PM

Location: B-490 BLOCK 1 AFC

Collected By SB99

Copies To : SAL SCARPITTA

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	2/8/01 5:00:00 PM
E_Coliform	Absent		Absent	M9223	2/8/01 5:00:00 PM
Total Residual Chlorine	0.5	mg/L		M4500-Cl G	2/8/01

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

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. : 0102202-007A

Sample Information...

Type : Potable Water

Origin: Dist.

Federal ID : 5111891

Client ID. : 7843-007

Collected : 2/8/01 8:00:00 AM

Point No: 25

Received : 2/8/01 2:00:00 PM

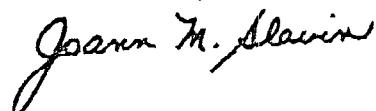
Location: B-490 BLOCK 4 MRC

Collected By SB99

Copies To : SAL SCARPITTA

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	2/8/01 5:00:00 PM
E_Coliform	Absent		Absent	M9223	2/8/01 5:00:00 PM
Total Residual Chlorine	0.5	mg/L		M4500-Cl G	2/8/01

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



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. : 0102202-008A

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

Federal ID : 5111891
Collected : 2/8/01 8:00:00 AM
Received : 2/8/01 2:00:00 PM
Collected By : SB99
Copies To : SAL SCARPITTA

Client ID. : 7843-008

Point No: 25
Location: B-490 BLOCK 4 MRC - *Duplicate*

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	2/8/01 5:00:00 PM
E_Coliform	Absent		Absent	M9223	2/8/01 5:00:00 PM
Total Residual Chlorine	0.5	mg/L		M4500-Cl G	2/8/01

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

Joann M. Slavin

ATTACHMENT II

**Brookhaven National Laboratory
Potable Water Supply**

**February 2001 Biweekly Water Quality Monitoring Data for
the BNL Potable Water Wells and
Quarterly Water Quality Data for the BNL Distribution System**

Attachment II
Table 1
Summary of Water Quality Analyses
for the BNL Potable Water System
February 2001

Sample Location	Sample Date	pH (SU)	Temperature (Degrees F)	Conductivity (μ mhos)	Alkalinity (mg/L)	Calcium (mg/L)
WTP	02/1/01	8.0	53	142	NR	NR
WTP	02/06/01	7.3	54	130	NR	NR
WTP	02/08/01	7.2	54	129	NR	NR
WTP	02/13/01	7.5	53	131	NR	NR
WTP	02/15/01	7.5	53	132	NR	NR
WTP	02/20/01	7.8	52	139	NR	NR
WTP	02/22/01	7.9	52	133	NR	NR
WTP	02/27/01	7.5	54	131	NR	NR
Well 11	02/06/01	7.8	55	199	NR	NR
Well 11	02/08/01	8.0	56	171	NR	NR
Well 11	02/13/01	7.1	55	141	NR	NR
Well 11	02/15/01	7.2	55	134	NR	NR
Well 11	02/20/01	7.2	54	NR	NR	NR
Well 11	02/22/01	7.2	54	135	NR	NR
Well 11	02/27/01	7.8	56	161	NR	NR
Well 12	02/1/01	6.5	56	NR	NR	NR
Well 12	02/06/01	8.0	56	169	NR	NR
Well 12	02/08/01	8.0	56	201	NR	NR
Well 12	02/13/01	7.0	56	135	NR	NR
Well 12	02/15/01	6.8	56	148	NR	NR
Well 12	02/20/01	7.4	54	NR	NR	NR
Well 12	02/22/01	7.4	56	136	NR	NR
Well 12	02/27/01	7.8	56	147	NR	NR
Bldg. 363	01/4/01	7.8	12	140	28	10.8
Bldg. 640	01/4/01	7.5	13	140	27	10.2
Bldg. 49	01/4/01	7.4	13	140	27	11.0

NR - Analysis Not Required or Not Reported

WTP - Water Treatment Plant

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

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0101060-021A

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

Federal ID : 5111891

Client ID. : 7839-021

Collected : 1/4/01 10:25:00 AM

Point No: 4

Received : 1/4/01 2:00:00 PM

Location: B-363 APT.LAUNDRY

Collected By RL99

Copies To : CLIENT

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Alkalinity, Total (As CaCO3)	28	mg/L CaC		M2320 B	1/9/01 11:35:00 AM
Specific Conductivity	140	µmhos/cm		M2510 B	1/4/01
pH	7.8	pH Units		E150.1	1/4/01 5:38:00 PM
Temperature	12	°C		E170.1	1/4/01

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

Joann M. Alavin

INORGANIC ANALYSIS DATA SHEET

7839-021

Name: H2M LABS, INC. Contract: _____

Code: 10478 Case No.: _____ SAS No.: _____

SDG No.: BNLM103

Matrix (soil/water): WATER Lab Sample ID: 0101060-021A

Level (low/med): LOW Date Received: 01/04/01

Solids: _____

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium	10800			P
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Bldg. 363-
Apt. Laundry

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____
Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

DATE REPORTED 2/7/01

H2M LABS, INC.

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

LABORATORY RESULTS

BROOKHAVEN NATIONAL LAB.-BNLM
70 BELL AVE.

UPTON, NY 11973

Attn To : S. SCARPITTA

Lab No. : 0101060-020A

Sample Information...

Type : Potable Water

Origin: Dist.

Federal ID : 5111891

Client ID. : 7839-020

Collected : 1/4/01 10:15:00 AM

Point No: 2

Received : 1/4/01 2:00:00 PM

Location: B-640 WATER TOWER

Collected By RL99

Copies To : CLIENT

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Alkalinity, Total (As CaCO3)	27	mg/L CaC		M2320 B	1/9/01 11:32:00 AM
Specific Conductivity	140	µmhos/cm		M2510 B	1/4/01
pH	7.5	pH Units		E150.1	1/4/01 5:37:00 PM
Temperature	13	°C		E170.1	1/4/01

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

Joann M. Slavin

H2M LABS, INC.

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

LABORATORY RESULTS

BROOKHAVEN NATIONAL LAB.-BNLM
70 BELL AVE.

UPTON, NY 11973

Attn To : S. SCARPITTA

Lab No. : 0101060-019A

Sample Information...

Type : Potable Water

Origin: Dist.

Federal ID : 5111891

Client ID. : 7839-019

Collected : 1/4/01 10:20:00 AM

Point No: 1

Received : 1/4/01 2:00:00 PM

Location: B-49 WATER TOWER

Collected By RL99

Copies To : CLIENT

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Alkalinity, Total (As CaCO ₃)	27	mg/L CaC		M2320 B	1/9/01 11:14:00 AM
Specific Conductivity	140	µmhos/cm		M2510 B	1/4/01
pH	7.4	pH Units		E150.1	1/4/01 5:36:00 PM
Temperature	13	°C		E170.1	1/4/01

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

Joann M. Alavin

ATTACHMENT III

**Brookhaven National Laboratory
Potable Water Supply**

**2001 First Quarter Radiological Analyses
for the BNL Potable Water Wells**

ATTACHMENT III
Table 2
Brookhaven National Laboratory
Potable Water Supply

Summary of Radiological Results for the BNL Potable Water Wells 2001 First Quarter Monitoring Results				
Well ID	Gross Alpha pCi/L	Gross Beta pCi/L	Tritium pCi/L	Sr-90 pCi/L
Well # 4	< 0.76	< 2.15	< 315	< 0.368
Well # 6	1.67	2.98	< 315	< 0.321
Well # 7	1.38	< 2.15	< 315	< 0.279
Well # 11	< 0.76	< 2.15	< 315	< 0.322
Well # 12	< 0.76	< 2.15	< 315	< 0.340
Well # 12 (Duplicate)	< 0.76	2.58	< 315	< 0.299

ASL C.O.C. No:

21012513

BROOKHAVEN NATIONAL LABORATORY

RADIOLOGICAL CONTROL DIVISION

ERD COC No.: 8051

Contractor Number

[]

ANALYTICAL SERVICES LABORATORY

BLDG 490

UPTON, N.Y. 11973-5000

Ship to: _____

Pick Up by: _____

Attention: _____

Page 1 of 1

Chain of Custody Information

Bioassay samples will not be accepted if bottles are filled above the shoulder.

Project Name:		E-Mail Reports to:		SAMPLER: Lettieri		Priority Authorization	
Requested by: Bob lee		Bob Lee		SAMPLER: _____		Group Leader or Higher CALL	
Life Number: 20222 x3148				SAMPLER: _____		x3630, x2502 (Rad), x4860 (Non-Rad)	
Account No.: 07089		Dept. Code: ES					

FILL OUT ONLY SHADED AREAS.

CANNOT ACCEPT SAMPLES WITH ACTIVITY >1mR/hr

ASL Number	Sample Description				Container		Analysis Requested***									
	Date	Time	Matrix		#	vol.	αβ	3H	γ	Sr90	MET	WQ	VOA	PCB	pH	
21012513-01	1/25/01	1348	w	083-400-10	Potable Well #4			x	x	x						
21012513-02	1/25/01	1420	w.	093-400-10	Potable Well #6			x	x	x						
21012513-03	1/25/01	1427	w	092-400-10	Potable Well #7			x	x	x						
21012513-04	1/25/01	1410	w	056-400-10	Potable Well #11			x	x	x						
21012513-05	1/25/01	1400	w	056-401-10	Potable Well #12			x	x	x						
21012513-06	1/25/01		w	bd-1	Potable Well #12-Duplicate			x	x	x						

Must be one of the samplers

Transferred to :	Lettieri	p Heotis		
Signed by:	Lettieri	p Heotis		
Date/time	1/25/01 1450	1/25/01 1504		

***OTHER ANALYSIS NOT LISTED	COMMENTS

36944%

ASL Prefix No. 21012514

DQL

BROOKHAVEN
NATIONAL LABORATORY

Page 1 of 1

Chain of Custody No.

8052

Carrier/Waybill #

Requires EDD ①

SAMPLING CHAIN OF CUSTODY

Analysis Requested By		Sampling Contractor		Analytical Laboratory	
Name: B Lee	Name: ESD Field Sampling	Name: G-EL			
Life: No: 20222 Ext: 3148	Contact:	Address: 2040 Savage Rd			
Acct. No: 07089 Dept: E	Phone:	City: Charleston SC Zip: 29417			
Email Reports To:	Email/Fax:	Contact:			
1 B Lee	Sampler: L Lettneri	Phone:			
2		Email/Fax:			
Project Name: Potable wells	Project Manager: B Lee	Field Engineer:			

Comments:

Sample Information							Additional Sample Information				Analytical Laboratory						
UID	TYP	Site ID	Depth	Date	Time	Matrix	Location Description-->	Cont Vol/Units	Cont Type	N of Cont	Preservative	Alpha/Beta	Tritium	Gamma	Strontium	524.2	624
001	e	083-400-10	147'	1/25/01	1350	w	well #4	4l	P	1	HNO3				X		
002	e	093-400-10	150'	1/25/01	1421	w	well #6	4l	P	1	HNO3				X		
003	e	092-400-10	150'	1/25/01	1428	w	well #7	4l	P	1	HNO3				X		
004	e	056-400-10	142'	1/25/01	1411	w	well #11	4l	P	1	HNO3				X		
005	e	056-401-10	137'	1/25/01	1401	w	well #12	4l	P	1	HNO3				X		
006	e	BD-1	-	1/25/01	-	w	- 056-401, Well #12 Duplicate	4l	P	1	HNO3				X		

1 Relinquished By/Date/Time Print L Lettneri 1/25/01 Signature <i>[Signature]</i> 1445	2 Relinquished By/Date/Time Print Signature	3 Relinquished By/Date/Time Print Signature
1 Received By/Date/Time Print Mike Kinslow 1-27-01 Signature <i>[Signature]</i> 0915	2 Received By/Date/Time Print Signature	3 Received By/Date/Time Print Signature

Contractor Lab Sample Disposal:

Return To Client Return To Client

Archive For _____ Months

Turn-Around Time Required:

Rush (1 Day) 14 Days 30 Days

7 Days Other ()



GENERAL ENGINEERING LABORATORIES

Meeting today's needs with a vision for tomorrow.

Certificate of Analysis

Company: Brookhaven National Laboratory
 Address: OER
 Building 51M
 Upton, NY 11973-5000
 Contact: Ms. Anna Bou
 Project: Brookhaven ERD Contract

Report Date: February 6, 2001

Page 1 of 1

Client Sample ID: BD-1
 Sample ID: 36944006
 Matrix: Water
 Collect Date: 25-JAN-01 00:00
 Receive Date: 27-JAN-01 09:15
 Collector: Client

Project: BRKL02000
 Client ID: BRKL003
 COC: 8052
 Samp Recv.: 8052
 Client Desc.:

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow											
GFPC, Sr90, liquid											
Strontium-90	U	0.242 +/-0.182	0.299	0.800	pCi/L		DMM	02/02/01	0312	62993	1

The following Analytical Methods were performed

Method	Description
1	EPA 905.0

Notes:

The Qualifiers in this report are defined as follows :

- DL Failed required detection limit.
- J Estimated value; the result was greater than the MDA but less than the required detection limit.
- JN Presumptive evidence of the analyte at an estimated quantity.
- R The data are unusable (radionuclide may or may not be present).
- U Undetected; sample result < MDA
- UI Uncertain identification for gamma spectroscopy.

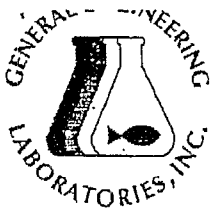
The above sample is reported on an "as received" basis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, Inc. standard operating procedures. Please direct any questions to your Project Manager, Valerie Davis at 843-556-8171 Ext. 4485.

M. Mome

Reviewed by

Potable Well #12 - Duplicate
 Sampled 1-25-01
 Grab Sample



GENERAL ENGINEERING LABORATORIES

Meeting today's needs with a vision for tomorrow.

Certificate of Analysis

Company : Brookhaven National Laboratory
 Address : OER
 Building 51M
 Upton, NY 11973-5000
 Contact: Ms. Anna Bou
 Project: Brookhaven ERD Contract

Report Date: February 6, 2001

Page 1 of 1

Client Sample ID:	083-400-10	Project:	BRKL02000
Sample ID:	36944001	Client ID:	BRKL003
Matrix:	Water	COC:	8052
Collect Date:	25-JAN-01 13:50	Samp Recv.:	8052
Receive Date:	27-JAN-01 09:15	Client Desc.:	
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow											
GFPC, Sr90, liquid											
Strontium-90	U	-0.217	+/-0.206	0.368	0.800	pCi/L	DMM	02/02/01	0303	62993	1
											1

The following Analytical Methods were performed

Method	Description
1.	EPA 905.0

Notes:

The Qualifiers in this report are defined as follows :

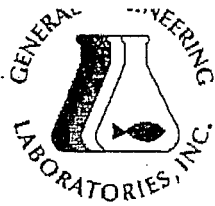
- DL Failed required detection limit.
- J Estimated value; the result was greater than the MDA but less than the required detection limit.
- JN Presumptive evidence of the analyte at an estimated quantity.
- R The data are unusable (radionuclide may or may not be present).
- U Undetected; sample result < MDA
- UI Uncertain identification for gamma spectroscopy.

The above sample is reported on an "as received" basis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, Inc. standard operating procedures. Please direct any questions to your Project Manager, Valerie Davis at 843-556-8171 Ext. 4485.

Reviewed by *M. Moore*

Potable Well #4
 Sampled 1-25-01
 Grab Sample.



GENERAL ENGINEERING LABORATORIES

Meeting today's needs with a vision for tomorrow.

Certificate of Analysis

Company : Brookhaven National Laboratory
 Address : OER
 Building 51M
 Upton, NY 11973-5000
 Contact: Ms. Anna Bou
 Project: Brookhaven ERD Contract

Report Date: February 6, 2001

Page : 1 of 1

Client Sample ID: 093-400-10
 Sample ID: 36944002
 Matrix: Water
 Collect Date: 25-JAN-01 14:21
 Receive Date: 27-JAN-01 09:15
 Collector: Client

Project: BRKL02000
 Client ID: BRKL003
 COC: 8052
 Samp Recv.: 8052
 Client Desc.:

Parameter	Qualifier	Result	DL	-RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow											
GFPC, Sr-90, liquid											
Strontium-90	U	0.0341	+-0.188	0.321	0.800	pCi/L	DMM	02/02/01	0303	62993	1

The following Analytical Methods were performed

Method	Description
1	EPA 905.0

Notes:

The Qualifiers in this report are defined as follows :

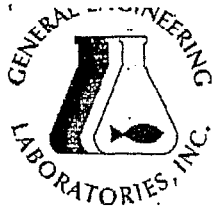
- DL Failed required detection limit.
- J Estimated value; the result was greater than the MDA but less than the required detection limit.
- JN Presumptive evidence of the analyte at an estimated quantity.
- R The data are unusable (radionuclide may or may not be present).
- U Undetected; sample result < MDA
- UI Uncertain identification for gamma spectroscopy.

The above sample is reported on an "as received" basis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, Inc. standard operating procedures. Please direct any questions to your Project Manager, Valerie Davis at 843-556-8171 Ext. 4485.

Reviewed by

Dr. Name
 Potable Well #6
 Sampled 1-25-01
 Grab Sample



GENERAL ENGINEERING LABORATORIES

Meeting today's needs with a vision for tomorrow.

Certificate of Analysis

Company : Brookhaven National Laboratory
 Address : OER
 Building 51M
 Upton, NY 11973-5000
 Contact : Ms. Anna Bou
 Project : Brookhaven ERD Contract

Report Date: February 6, 2001

Page 1 of 1

Client Sample ID: 092-400-10
 Sample ID: 36944003
 Matrix: Water
 Collect Date: 25-JAN-01 14:28
 Receive Date: 27-JAN-01 09:15
 Collector: Client

Project: BRKL02000
 Client ID: BRKL003
 COC: 8052
 Samp Recv.: 8052
 Client Desc.:

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Rad Gas Flow										
GFPC, Sr90, liquid										
Strontium-90	U	0.0531	+/-0.164	0.279	0.800		pC/L	DMM 02/02/01 0303	62993	1

The following Analytical Methods were performed

Method	Description
1	EPA 905.0

Notes:

The Qualifiers in this report are defined as follows :

- DL Failed required detection limit.
- J Estimated value; the result was greater than the MDA but less than the required detection limit.
- JN Presumptive evidence of the analyte at an estimated quantity.
- R The data are unusable (radionuclide may or may not be present).
- U Undetected; sample result < MDA
- UI Uncertain identification for gamma spectroscopy.

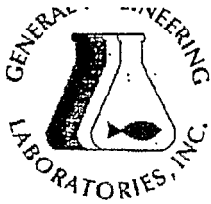
The above sample is reported on an "as received" basis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, Inc. standard operating procedures. Please direct any questions to your Project Manager, Valerie Davis at 843-556-8171 Ext. 4485.

Reviewed by

M. Name

*Potable Well #7
 Sampled 1-25-01
 Grab Sample*



GENERAL ENGINEERING LABORATORIES

Meeting today's needs with a vision for tomorrow.

Certificate of Analysis

Company : Brookhaven National Laboratory
 Address : OER
 Building 51M
 Upton, NY 11973-5000
 Contact: Ms. Anna Bou
 Project: Brookhaven ERD Contract

Report Date: February 6, 2001

Page 1 of 1

Client Sample ID: 056-400-10
 Sample ID: 36944004
 Matrix: Water
 Collect Date: 25-JAN-01 14:11
 Receive Date: 27-JAN-01 09:15
 Collector: Client

Project: BRKL02000
 Client ID: BRKL003
 COC: 8052
 Samp Recv.: 8052
 Client Desc.:

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Rad Gas Flow										
GFPC, Sr90, liquid										
Sr-90	U	-0.0731	+/-0.185	0.322	0.800	pCi/L	DMM 02/02/01	0312	62993	1

The following Analytical Methods were performed

Method	Description
1	EPA 905.0

Notes:

The Qualifiers in this report are defined as follows :

- DL Failed required detection limit.
- J Estimated value; the result was greater than the MDA but less than the required detection limit.
- JN Presumptive evidence of the analyte at an estimated quantity.
- R The data are unusable (radionuclide may or may not be present).
- U Undetected; sample result < MDA
- UI Uncertain identification for gamma spectroscopy.

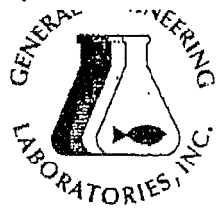
The above sample is reported on an "as received" basis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, Inc. standard operating procedures. Please direct any questions to your Project Manager, Valerie Davis at 843-556-8171 Ext. 4485.

M. Stone

Reviewed by

Potable Well #11
 Sampled 1-25-01
 Grab Sample



GENERAL ENGINEERING LABORATORIES

Meeting today's needs with a vision for tomorrow.

Certificate of Analysis

Company : Brookhaven National Laboratory
 Address : OER
 Building 51M
 Upton, NY 11973-5000
 Contact: Ms. Anna Bou
 Project: Brookhaven ERD Contract

Report Date: February 6, 2001

Page 1 of 1

Client Sample ID:	056-401-10	Project:	BRKL02000
Sample ID:	36944005	Client ID:	BRKL003
Matrix:	Water	COC:	8052
Collect Date:	25-JAN-01 14:01	Samp Recv.:	8052
Receive Date:	27-JAN-01 09:15	Client Desc.:	
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow											
GFPC, Sr90, liquid											
Strontium-90	U	0.00507	+/-0.198	0.340	0.800	pCi/L	DMM	02/02/01	0312	62993	1

The following Analytical Methods were performed

Method	Description
1	EPA 905.0

Notes:

The Qualifiers in this report are defined as follows :

- DL Failed required detection limit.
- J Estimated value; the result was greater than the MDA but less than the required detection limit.
- JN Presumptive evidence of the analyte at an estimated quantity.
- R The data are unusable (radionuclide may or may not be present).
- U Undetected; sample result < MDA
- UI Uncertain identification for gamma spectroscopy.

The above sample is reported on an "as received" basis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, Inc. standard operating procedures. Please direct any questions to your Project Manager, Valerie Davis at 843-556-8171 Ext. 4485.

Reviewed by

M. Moore

Potable Well #12
 Sampled 1-25-01
 Grab Sample

ATTACHMENT IV

**Brookhaven National Laboratory
Potable Water Supply**

**2001 First Quarter Principal Organic Compound Analyses for
the BNL Potable Water Wells**

H2M LABS, INC.

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

LABORATORY RESULTS

BROOKHAVEN NATIONAL LAB.-BNLM

70 BELL AVE.

UPTON, NY 11973

Attn To : S. SCARPITTA

Lab No. : 0101060-008B

Sample Information...

Type : Potable Water

Origin : Raw Well

Federal ID : 5111891

Client ID : 7839-008

Collected : 1/4/01 7:50:00 AM

Point No: 8

Received : 1/4/01 2:00:00 PM

Location: WELL #4 RAW

Collected By RL99

Copies To : CLIENT

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
Chloromethane	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
Vinyl chloride	< 0.5	µg/L	2	E502.2	1/15/01 3:21:19 PM
Bromomethane	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
Chloroethane	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
Methylene chloride	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
Bromochloromethane	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
Chloroform	2.4	µg/L	50	E502.2	1/15/01 3:21:19 PM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
Trichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
Dibromomethane	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	1/15/01 3:21:19 PM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	1/15/01 3:21:19 PM
Chlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
Bromoform	< 0.5	µg/L	50	E502.2	1/15/01 3:21:19 PM
Bromobenzene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM

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

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

Joann M. Alavin

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0101060-008B

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

Federal ID : 5111891
Collected : 1/4/01 7:50:00 AM
Received : 1/4/01 2:00:00 PM
Collected By RL99
Copies To : CLIENT

Point No: 8
Location: WELL #4.RAW

Client ID. : 7839-008

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
Benzene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
Toluene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
Ethylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
m/p-Xylene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
o-Xylene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
Styrene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
Methyl-tertbutylether	< 0.5	µg/L	50	E502.2	1/15/01 3:21:19 PM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 3:21:19 PM

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

Joann M. Slavin

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0101268-001A

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

Federal ID : 5111891

Client ID. : 7841-001

Collected : 1/10/01 1:05:00 PM

Point No:

WELL #6 RAW

Received : 1/10/01 3:45:00 PM

Location:

Collected By PP99

Copies To : TONY ROSS

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
Chloromethane	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
Vinyl chloride	< 0.5	µg/L	2	E502.2	1/15/01 11:27:16 PM
Bromomethane	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
Chloroethane	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
Methylene chloride	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
Bromochloromethane	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
Chloroform	< 0.5	µg/L	50	E502.2	1/15/01 11:27:16 PM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
Trichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
Dibromomethane	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	1/15/01 11:27:16 PM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	1/15/01 11:27:16 PM
Chlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
Bromoform	< 0.5	µg/L	50	E502.2	1/15/01 11:27:16 PM
Bromobenzene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM

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

Joann M. Slavin

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0101268-001A

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

Federal ID : 5111891

Client ID. : 7841-001

Collected : 1/10/01 1:05:00 PM

Point No:

WELL #6 RAW

Received : 1/10/01 3:45:00 PM

Location:

Collected By PP99

Copies To : TONY ROSS

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
Benzene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
Toluene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
Ethylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
m/p-Xylene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
o-Xylene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
Styrene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
Methyl-tertbutylether	< 0.5	µg/L	50	E502.2	1/15/01 11:27:16 PM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 11:27:16 PM
Surr: 1-Chloro-2-fluorobenzene	88.4	%REC		E502.2	1/15/01 11:27:16 PM

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

Joann M. Slavin

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0101268-002A

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

Federal ID : 5111891

Client ID. : 7841-002

Collected : 1/10/01 1:00:00 PM Point No:

WELL #7 RAW

Received : 1/10/01 3:45:00 PM Location:

Collected By PP99

Copies To : TONY ROSS

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
Chloromethane	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	1/16/01 12:27:20 AM
Bromomethane	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
Chloroethane	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
Chloroform	1.5	µg/L	50	E502.2	1/16/01 12:27:20 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	1/16/01 12:27:20 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	1/16/01 12:27:20 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
Bromoform	< 0.5	µg/L	50	E502.2	1/16/01 12:27:20 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM

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

Joann M. Slavin

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0101268-002A

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

Federal ID : 5111891

Client ID. : 7841-002

Collected : 1/10/01 1:00:00 PM Point No:

WELL #7 RAW

Received : 1/10/01 3:45:00 PM Location:

Collected By PP99

Copies To : TONY ROSS

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
Benzene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
Toluene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
m/p-Xylene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
o-Xylene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
Styrene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
Methyl-tertbutylether	< 0.5	µg/L	50	E502.2	1/16/01 12:27:20 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	1/16/01 12:27:20 AM
Surr: 1-Chloro-2-fluorobenzene	90.4	%REC		E502.2	1/16/01 12:27:20 AM

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

Joann M. Slavin

H2M LABS, INC.

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

LABORATORY RESULTS

BROOKHAVEN NATIONAL LAB.-BNLM
70 BELL AVE.
UPTON, NY 11973

Lab No. : 0101060-011B

Sample Information...

Type : Potable Water

Origin : Raw Well

Attn To : S. SCARPITTA

Federal ID : 5111891

Client ID. : 7839-011

Collected : 1/4/01 8:20:00 AM

Point No: 11

Received : 1/4/01 2:00:00 PM

Location: WELL #10 RAW

Collected By RL99

Copies To : CLIENT

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
Chloromethane	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
Vinyl chloride	< 0.5	µg/L	2	E502.2	1/15/01 4:22:26 PM
Bromomethane	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
Chloroethane	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
Methylene chloride	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
Bromochloromethane	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
Chloroform	3.8	µg/L	50	E502.2	1/15/01 4:22:26 PM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
Trichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
Dibromomethane	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
Bromodichloromethane	3.0	µg/L	50	E502.2	1/15/01 4:22:26 PM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
Dibromochloromethane	0.8	µg/L	50	E502.2	1/15/01 4:22:26 PM
Chlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
Bromoform	< 0.5	µg/L	50	E502.2	1/15/01 4:22:26 PM
Bromobenzene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM

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

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

Joann M. Slavin

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0101060-011B

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

Federal ID : 5111891

Client ID. : 7839-011

Collected : 1/4/01 8:20:00 AM

Point No: 11

Received : 1/4/01 2:00:00 PM

Location: WELL #10 RAW

Collected By RL99

Copies To : CLIENT

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
Benzene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
Toluene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
Ethylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
m/p-Xylene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
o-Xylene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
Styrene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
Methyl-tertbutylether	< 0.5	µg/L	50	E502.2	1/15/01 4:22:26 PM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 4:22:26 PM

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

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

Joann M. Slavin

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0101060-012B

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

Federal ID : 5111891

Client ID. : 7839-012

Collected : 1/4/01 8:10:00 AM

Point No: 12

Received : 1/4/01 2:00:00 PM

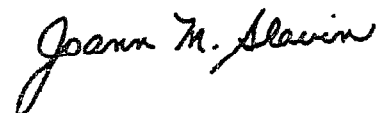
Location: WELL #11 RAW

Collected By RL99

Copies To : CLIENT

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
Chloromethane	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
Vinyl chloride	< 0.5	µg/L	2	E502.2	1/15/01 5:23:33 PM
Bromomethane	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
Chloroethane	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
Methylene chloride	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
Bromochloromethane	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
Chloroform	< 0.5	µg/L	50	E502.2	1/15/01 5:23:33 PM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
Trichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
Dibromomethane	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	1/15/01 5:23:33 PM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	1/15/01 5:23:33 PM
Chlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
Bromoform	< 0.5	µg/L	50	E502.2	1/15/01 5:23:33 PM
Bromobenzene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM

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



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. : 0101060-012B

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

Federal ID : 5111891
Collected : 1/4/01 8:10:00 AM
Received : 1/4/01 2:00:00 PM
Collected By RL99
Copies To : CLIENT

Client ID. : 7839-012

Point No: 12
Location: WELL #11 RAW

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
Benzene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
Toluene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
Ethylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
m/p-Xylene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
o-Xylene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
Styrene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
Methyl-tertbutylether	< 0.5	µg/L	50	E502.2	1/15/01 5:23:33 PM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 5:23:33 PM

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

Joann M. Slavin

H2M LABS, INC.

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

LABORATORY RESULTS

BROOKHAVEN NATIONAL LAB.-BNLM

70 BELL AVE.

UPTON, NY 11973

Attn To : S. SCARPITTA

Lab No. : 0101060-013B

Sample Information...

Type : Potable Water

Origin: Raw Well

Federal ID : 5111891

Client ID. : 7839-013

Collected : 1/4/01 8:00:00 AM

Point No: 13

Received : 1/4/01 2:00:00 PM

Location: WELL #12 RAW

Collected By RL99

Copies To : CLIENT

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
Chloromethane	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
Vinyl chloride	< 0.5	µg/L	2	E502.2	1/15/01 6:24:38 PM
Bromomethane	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
Chloroethane	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
Methylene chloride	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
Bromochloromethane	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
Chloroform	< 0.5	µg/L	50	E502.2	1/15/01 6:24:38 PM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
Trichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
Dibromomethane	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	1/15/01 6:24:38 PM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	1/15/01 6:24:38 PM
Chlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
Bromoform	< 0.5	µg/L	50	E502.2	1/15/01 6:24:38 PM
Bromobenzene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
1,1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM

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

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

Joann M. Slavin

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0101060-013B

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

Federal ID : 5111891

Client ID. : 7839-013

Collected : 1/4/01 8:00:00 AM

Point No: 13

Received : 1/4/01 2:00:00 PM

Location: WELL #12 RAW

Collected By RL99

Copies To : CLIENT

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
Benzene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
Toluene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
Ethylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
m/p-Xylene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
o-Xylene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
Styrene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
Methyl-tertbutylether	< 0.5	µg/L	50	E502.2	1/15/01 6:24:38 PM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 6:24:38 PM

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

Joann M. Slavina

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. : 0101060-015A

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

Federal ID : 5111891
Collected : 1/4/01 8:20:00 AM
Received : 1/4/01 2:00:00 PM
Collected By RL99
Copies To : CLIENT

Client ID. : 7839-015

Point No: 15
Location: WELL #10 GAC FILTER 654

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
Chloromethane	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
Vinyl chloride	< 0.5	µg/L	2	E502.2	1/15/01 7:25:49 PM
Bromomethane	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
Chloroethane	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
Methylene chloride	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
Bromochloromethane	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
Chloroform	< 0.5	µg/L	50	E502.2	1/15/01 7:25:49 PM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
Trichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
Dibromomethane	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	1/15/01 7:25:49 PM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	1/15/01 7:25:49 PM
Chlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
Bromoform	< 0.5	µg/L	50	E502.2	1/15/01 7:25:49 PM
Bromobenzene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM

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

Joann M. Slavin

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0101060-015A

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

Federal ID : 5111891

Client ID. : 7839-015

Collected : 1/14/01 8:20:00 AM

Point No: 15

Received : 1/14/01 2:00:00 PM

Location: WELL #10 GAC FILTER 654

Collected By RL99

Copies To : CLIENT

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
Benzene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
Toluene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
Ethylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
m/p-Xylene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
o-Xylene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
Styrene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
Methyl-tertbutylether	< 0.5	µg/L	50	E502.2	1/15/01 7:25:49 PM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 7:25:49 PM

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

Joann M. Slawin

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0101060-016A

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

Federal ID : 5111891

Client ID. : 7839-016

Collected : 1/4/01 8:10:00 AM

Point No: 16

Received : 1/4/01 2:00:00 PM

Location: WELL #11 GAC FILTER 655

Collected By RL99

Copies To : CLIENT

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
Chloromethane	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
Vinyl chloride	< 0.5	µg/L	2	E502.2	1/15/01 8:26:26 PM
Bromomethane	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
Chloroethane	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
Methylene chloride	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
Bromochloromethane	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
Chloroform	< 0.5	µg/L	50	E502.2	1/15/01 8:26:26 PM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
Trichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
Dibromomethane	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	1/15/01 8:26:26 PM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	1/15/01 8:26:26 PM
Chlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
Bromoform	< 0.5	µg/L	50	E502.2	1/15/01 8:26:26 PM
Bromobenzene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM

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

Joann M. Slavin

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0101060-016A

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

Federal ID : 5111891

Client ID. : 7839-016

Collected : 1/4/01 8:10:00 AM

Point No: 16

Received : 1/4/01 2:00:00 PM

Location: WELL #11 GAC FILTER 655

Collected By RL99

Copies To : CLIENT

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
Benzene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
Toluene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
Ethylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
m/p-Xylene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
o-Xylene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
Styrene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
Methyl-tertbutylether	< 0.5	µg/L	50	E502.2	1/15/01 8:26:26 PM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 8:26:26 PM

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

Joann M. Slavin

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0101060-017A

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

Federal ID : 5111891
Collected : 1/14/01 8:00:00 AM
Received : 1/14/01 2:00:00 PM
Collected By RL99
Copies To : CLIENT

Client ID. : 7839-017

Point No: 17
Location: WELL #12 GAC FILTER 657

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
Chloromethane	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
Vinyl chloride	< 0.5	µg/L	2	E502.2	1/15/01 9:27:01 PM
Bromomethane	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
Chloroethane	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
Methylene chloride	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
Bromochloromethane	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
Chloroform	0.6	µg/L	50	E502.2	1/15/01 9:27:01 PM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
Trichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
Dibromomethane	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	1/15/01 9:27:01 PM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	1/15/01 9:27:01 PM
Chlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
Bromoform	< 0.5	µg/L	50	E502.2	1/15/01 9:27:01 PM
Bromobenzene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM

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

Joann M. Slavin

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0101060-017A

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

Federal ID : 5111891

Client ID. : 7839-017

Collected : 1/4/01 8:00:00 AM

Point No: 17

Received : 1/4/01 2:00:00 PM

Location: WELL #12 GAC FILTER 657

Collected By RL99

Copies To : CLIENT

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
Benzene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
Toluene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
Ethylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
m/p-Xylene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
o-Xylene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
Styrene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
Methyl-tertbutylether	< 0.5	µg/L	50	E502.2	1/15/01 9:27:01 PM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 9:27:01 PM

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

Joann M. Slavin

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0101060-023A

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

Federal ID : 5111891

Client ID. : 7839-026

Collected : 1/4/01 9:25:00 AM

Point No: 22

Received : 1/4/01 2:00:00 PM

Location: BLDG. 624 WTP

Collected By RL99

Copies To : CLIENT

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
Chloromethane	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
Vinyl chloride	< 0.5	µg/L	2	E502.2	1/15/01 10:27:08 PM
Bromomethane	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
Chloroethane	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
Methylene chloride	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
Bromochloromethane	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
Chloroform	1.1	µg/L	50	E502.2	1/15/01 10:27:08 PM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
Trichloroethene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
Dibromomethane	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
Bromodichloromethane	1.6	µg/L	50	E502.2	1/15/01 10:27:08 PM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
Dibromochloromethane	1.0	µg/L	50	E502.2	1/15/01 10:27:08 PM
Chlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
Bromoform	< 0.5	µg/L	50	E502.2	1/15/01 10:27:08 PM
Bromobenzene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM

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

Joann M. Slavin

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0101060-023A

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

Federal ID : 5111891

Client ID. : 7839-026

Collected : 1/4/01 9:25:00 AM

Point No: 22

Received : 1/4/01 2:00:00 PM

Location: BLDG. 624 WTP

Collected By RL99

Copies To : CLIENT

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
Benzene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
Toluene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
Ethylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
m/p-Xylene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
o-Xylene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
Styrene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
Methyl-tertbutylether	< 0.5	µg/L	50	E502.2	1/15/01 10:27:08 PM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	1/15/01 10:27:08 PM

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

Joann M. Slawin

ATTACHMENT V

**Brookhaven National Laboratory
Potable Water Supply**

**2001 First Quarter Bacteriological Reports for
the BNL Potable Water Wells**

H2M LABS, INC.

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

LABORATORY RESULTS

BROOKHAVEN NATIONAL LAB.-BNLM
70 BELL AVE.

UPTON, NY 11973

Attn To : S. SCARPITTA

Lab No. : 0101060-008A

Sample Information...

Type : Potable Water

Origin: Raw Well

Federal ID : 5111891

Client ID. : 7839-008

Collected : 1/4/01 7:50:00 AM

Point No: 8

Received : 1/4/01 2:00:00 PM

Location: WELL #4 RAW

Collected By RL99

Copies To : CLIENT

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/4/01 5:05:00 PM
E_Coliform	Absent		Absent	M9223	1/4/01 5:05:00 PM

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

Joann M. Slavina

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0101060-009A

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

Federal ID : 5111891

Client ID. : 7839-009

Collected : 1/4/01 7:40:00 AM

Point No: 9

Received : 1/4/01 2:00:00 PM

Location: WELL #6 RAW

Collected By RL99

Copies To : CLIENT

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/4/01 5:05:00 PM
E_Coliform	Absent		Absent	M9223	1/4/01 5:05:00 PM

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

Joann M. Slavina

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0101060-010A

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

Federal ID : 5111891

Client ID. : 7839-010

Collected : 1/4/01 7:35:00 AM

Point No: 10

Received : 1/4/01 2:00:00 PM

Location: WELL #7 RAW

Collected By RL99

Copies To : CLIENT

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/4/01 5:05:00 PM
E_Coliform	Absent		Absent	M9223	1/4/01 5:05:00 PM

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

Joann M. Slavin

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0101060-011A

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

Federal ID : 5111891

Client ID. : 7839-011

Collected : 1/4/01 8:20:00 AM

Point No: 11

Received : 1/4/01 2:00:00 PM

Location: WELL #10 RAW

Collected By RL99

Copies To : CLIENT

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/4/01 5:05:00 PM
E_Coliform	Absent		Absent	M9223	1/4/01 5:05:00 PM

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

Joann M. Slavin

H2M LABS, INC.

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

LABORATORY RESULTS

BROOKHAVEN NATIONAL LAB.-BNLM
70 BELL AVE.

UPTON, NY 11973

Attn To : S. SCARPITTA

Lab No. : 0101060-012A

Sample Information...

Type : Potable Water

Origin: Raw Well

Federal ID : 5111891

Client ID. : 7839-012

Collected : 1/4/01 8:10:00 AM

Point No: 12

Received : 1/4/01 2:00:00 PM

Location: WELL #11 RAW

Collected By RL99

Copies To : CLIENT

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/4/01 5:05:00 PM
E_Coliform	Absent		Absent	M9223	1/4/01 5:05:00 PM

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

Joann M. Slavin

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0101060-013A

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

Federal ID : 5111891

Client ID. : 7839-013

Collected : 1/4/01 8:00:00 AM

Point No: 13

Received : 1/4/01 2:00:00 PM

Location: WELL #12 RAW

Collected By RL99

Copies To : CLIENT

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/4/01 5:05:00 PM
E_Coliform	Absent		Absent	M9223	1/4/01 5:05:00 PM

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

Joann M. Slavin

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0101060-014A

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

Federal ID : 5111891

Client ID. : 7839-014

Collected : 1/4/01 9:25:00 AM

Point No: 14

Received : 1/4/01 2:00:00 PM

Location: WTF PACKED TOWER 648

Collected By RL99

Copies To : CLIENT

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/4/01 5:05:00 PM
E_Coliform	Absent		Absent	M9223	1/4/01 5:05:00 PM

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

Joann M. Slavin

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0101060-015A

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

Federal ID : 5111891

Client ID. : 7839-015

Collected : 1/4/01 8:20:00 AM

Point No: 15

Received : 1/4/01 2:00:00 PM

Location: WELL #10 GAC FILTER 654

Collected By RL99

Copies To : CLIENT

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/4/01 5:05:00 PM
E_Coliform	Absent		Absent	M9223	1/4/01 5:05:00 PM

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

Joann M. Slavin

H2M LABS, INC.

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

LABORATORY RESULTS

BROOKHAVEN NATIONAL LAB.-BNLM
70 BELL AVE.

UPTON, NY 11973

Attn To : S. SCARPITTA

Lab No. : 0101060-016A

Sample Information...

Type : Potable Water

Origin: Raw Well

Federal ID : 5111891

Client ID. : 7839-016

Collected : 1/4/01 8:10:00 AM

Point No: 16

Received : 1/4/01 2:00:00 PM

Location: WELL #11 GAC FILTER 655

Collected By RL99

Copies To : CLIENT

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/4/01 5:05:00 PM
E_Coliform	Absent		Absent	M9223	1/4/01 5:05:00 PM

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

Joann M. Slavin

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0101060-017A

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

Federal ID : 5111891
Collected : 1/4/01 8:00:00 AM
Received : 1/4/01 2:00:00 PM
Collected By RL99
Copies To : CLIENT

Client ID. : 7839-017

Point No: 17
Location: WELL #12 GAC FILTER 657

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/4/01 5:05:00 PM
E_Coliform	Absent		Absent	M9223	1/4/01 5:05:00 PM

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

Joann M. Slavin

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0101060-018A

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

Federal ID : 5111891
Collected : 1/4/01 6:20:00 AM
Received : 1/4/01 2:00:00 PM
Collected By RL99
Copies To : CLIENT

Client ID. : 7839-018

Point No: 17

Location: WELL #12 GAC FILTER 657 - Duplicate

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	1/4/01 5:05:00 PM
E_Coliform	Absent		Absent	M9223	1/4/01 5:05:00 PM
Total Residual Chlorine	0.4	mg/L		M4500-Cl G	1/4/01

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

Joann M. Slavin

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ATTACHMENT VI

**Brookhaven National Laboratory
Potable Water Supply**

**2001 Semi-Annual Inorganic and Nitrate/Nitrite Analyses for
the BNL Potable Water 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. : 0101060-022A

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

Federal ID : 5111891

Client ID. : 7839-022

Collected : 1/4/01 10:10:00 AM

Point No: 18

Received : 1/4/01 2:00:00 PM

Location: B-185 MEN'S ROOM

Collected By RL99

Copies To : CLIENT

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Chloride	26	mg/L	250	E325.2	1/9/01 6:35:05 PM
Specific Conductivity	99	µmhos/cm		M2510 B	1/8/01 2:27:00 PM
Fluoride	< 0.10	mg/L	2.2	M4500F C	1/9/01 10:10:00 AM
Nitrate as N	0.23	mg/L	10	E353.2	1/10/01 5:36:59 PM
pH	7.7	pH Units		E150.1	1/4/01 5:30:00 PM
Sulfate	7.5	mg/L	250	E375.4	1/10/01 2:30:00 PM

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

Joann M. Slavin

H2M LABS, INC.

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

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

Federal ID : 5111891
Collected : 1/10/01 2:00:00 PM Point No:
Received : 1/11/01 3:00:00 PM Location:
Collected By PP99
Copies To : BOB LEE

LABORATORY RESULTS

Lab No. : 0101296-001A

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

Client ID. : 7839-001
B-185 MEN'S ROOM

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Color	< 5.0	ADMI	15	E110.2	1/11/01 5:32:00 PM
MBAS	< 0.08	mg/L		E425.1	1/11/01 2:02:00 PM
Nitrogen, Ammonia (As N)	< 0.1	mg/l		E350.1	2/5/01 5:25:23 PM
Nitrite as N	< 0.10	mg/L	1	E353.2	1/11/01 6:46:28 PM
Odor	0	units	3	E140.1	1/11/01 5:32:00 PM

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

Joann M. Alavin



H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0101060-022A

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

Federal ID : 5111891

Client ID. : 7839-022

Collected : 1/4/01 10:10:00 AM

Point No: 18

Received : 1/4/01 2:00:00 PM

Location: B-185 MEN'S ROOM

Collected By RL99

Copies To : CLIENT

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Barium	< 0.20	mg/L		E200.7	1/16/01 9:12:00 AM
Beryllium	< 3.0	ug/L		E200.7	1/16/01 9:12:00 AM
Cadmium	< 5.0	ug/L		E200.7	1/16/01 9:12:00 AM
Chromium	< 0.01	mg/L		E200.7	1/16/01 9:12:00 AM
iron	0.07	mg/L		E200.7	1/16/01 9:12:00 AM
Manganese	0.01	mg/L		E200.7	1/16/01 9:12:00 AM
Nickel	< 0.04	mg/L		E200.7	1/16/01 9:12:00 AM
Silver	< 0.01	mg/L		E200.7	1/16/01 9:12:00 AM
Sodium	14	mg/L		E200.7	1/16/01 9:12:00 AM
Zinc	< 0.02	mg/L		E200.7	1/16/01 9:12:00 AM
Arsenic	< 3.0	µg/L	50	E200.9	1/25/01 4:15:00 PM
Lead	1.0	µg/L	15	E200.9	1/12/01 6:15:00 PM
Antimony	< 5.9	µg/L	6	E200.9	1/19/01 8:45:00 PM
Selenium	< 5.0	S µg/L	50	E200.9	1/25/01 9:15:00 PM
Thallium	< 1.9	S µg/L	2	E200.9	1/31/01 5:35:00 PM
Mercury	< 0.20	µg/L	2	E245.1	1/11/01 8:59:42 AM
Chloride	26	mg/L	250	E325.2	1/9/01 6:35:05 PM
Cyanide	< 10	µg/L	200	M4500-CN CE	1/15/01 4:18:00 PM
Specific Conductivity	99	µmhos/cm		M2510 B	1/8/01 2:27:00 PM
Fluoride	< 0.10	mg/L	2.2	M4500F C	1/9/01 10:10:00 AM
Nitrate as N	0.23	mg/L	10	E353.2	1/10/01 5:36:59 PM
pH	7.7	pH Units		E150.1	1/4/01 5:30:00 PM
Sulfate	7.5	mg/L	250	E375.4	1/10/01 2:30:00 PM

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

Joann M. Slavin