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March 10, 2005

JH

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

Dear Ms. Kathleen Newcomer:

Subject: Monthly Water Treatment Plant Reports
Reference: Suffolk County Minimum Monitoring Requirements for February 2005

In accordance with the requirements of the BNL Potable Water System Sampling Plan and the 2005 SCDHS Minimum Monitoring Requirements for the BNL Potable Water Supply, included please find the following attachments for your records:

- Attachment I: BNL Potable Water Monthly Operational Data for February.
- Attachment II: February 2005 Biweekly and First Quarter Water Quality Monitoring Data for the BNL Distribution System and Potable Water Wells.
- Attachment III: February 2005 Stage 1 Disinfectants & Disinfection Byproduct Rule Monitoring Data and Bacteriological Analyses for the BNL Distribution System.
- Attachment IV: 2005 First Quarter Principal Organic Compound Analyses for the BNL Potable Water Distribution System and Potable Water Wells.
- Attachment V: 2005 First Quarter Bacteriological Analyses for the BNL Potable Water Wells and GAC/Air Stripper Treatment Systems.
- Attachment VI: 2005 Semi-Annual Inorganic and Nitrate/Nitrite Analyses for the BNL Distribution System.

Collection and analysis of these samples is 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



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ISO 14001:1996



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National Standards Institute
Registration Administration Board

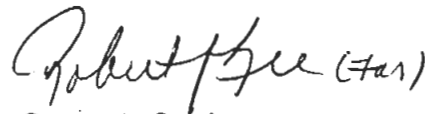
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available from the Environmental and Waste Management Services Division and Plant Engineering Divisions. Based on this information, we believe the values contained in these reports are representative of the BNL potable water system.

Please note that the flow monitoring equipment which totalizes the amount of water treated by the Water Treatment Facility failed in December 2004. Therefore, the column that summarizes the amount of treated water passing through the Water Treatment Facility on the Water Systems Operation Report does not contain data. Due to the age of the equipment it could not be repaired. New digital equipment has been purchased and is awaiting installation.

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

Sincerely,



George A. Goode
Environmental & Waste Management Services
Division Manager

GAG/MA:car

Attachments: As noted

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

File: EC61ER.05

ATTACHMENT I

Brookhaven National Laboratory

Potable Water Supply

Monthly Operational Data for February 2005

for the BNL Potable Water System

BROOKHAVEN NATIONAL LABORATORY

WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169 STATION 11515100 SUFFOLK COUNTY REPORTING PERIOD: FEBRUARY 2005

LOCATION: **Water Treatment Facility**

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

Source: **Ground Water**

Does the system have a chlorination waiver? YES _____ NO X

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer 13263137
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl2 Residual mg/l	Lime Sodium Hydroxide	Totalizer	
		Gallons	Cl2 use per 24hrs				
1	0	165	5	0.83	7.3	13263137	
2	0	155	5	0.91	7.4	13263137	
3	0	148	7	0.63	7.4	13263137	
4	0	140	8	0.80	7.4	13263137	
5	0						
6	0						
7	0	115	25	0.64	7.3	13263137	
8	0	110	5	0.65	7.4	13263137	
9	0	105	5	0.65	7.5	13263137	
10	0	105	0	1.00	6.9	13263137	
11	0	105	0	0.65	6.6	13263137	
12	0						
13	0						
14	0	105	0	0.85	8.7	13263137	
15	0	105	0	1.00	7.4	13263137	
16	0	105	0	1.10	7.3	13263137	
17	0	105	0	1.00	7.4	13263137	
18	0	105	0	1.10	8.2	13263137	
19	0						
20	0						
21	0	105	0	0.84	8.1	0	
22	0	105	0	0.81	7.3	0	
23	0	105	0	0.99	7.4	0	
24	0	105	0	0.79	7.4	0	
25	0	105	0	1.01	7.7	0	
26	0						
27	0						
28	0	105	0	0.60	7.9	0	
29	0						
30	0						
31	0						
TOT	0		60				
AVG.	0.00		2.14	No. Days:	28		

Population Served **3,500**

Number of routine samples 7

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

Number of actual routine samples 4

Does a M&AR violation exist? YES _____ NO X

If yes, check reason's below.

____ Actual number of samples fewer than required.

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

____ Failure to analyze repeat samples.

Does an MCL violation exist? YES _____ NO X

If yes, check reason(s) below.

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

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

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

Reported by: *ALP*

Date: 3-3-05

Title: Water Systems Supervisor

Certification No. NY0031941

BROOKHAVEN NATIONAL LABORATORY

WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169

STATION 11515100

SUFFOLK COUNTY

REPORTING PERIOD: FEBRUARY

2005

LOCATION: WELL NO. 4

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

Source: Ground Water

Does the system have a chlorination waiver? YES NO

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer 1648622
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl2 Residual mg/l	Lime Sodium Hydroxide	Totalizer	
		Gallons	Cl2 use per 24hrs				
1	0	0	0	NR	NR	1648622	
2	0	0	0	NR	NR	1648622	
3	0	0	0	NR	NR	1648622	
4	0	0	0	NR	NR	1648622	
5	0						
6	0						
7	0	0	0	NR	NR	1648622	
8	0	0	0	NR	NR	1648622	
9	0	0	0	NR	NR	1648622	
10	0	0	0	NR	NR	1648622	
11	0	0	0	NR	NR	1648622	
12	0						
13	0						
14	0	0	0	NR	NR	1648622	
15	0	0	0	NR	NR	1648622	
16	0	0	0	NR	NR	1648622	
17	0	0	0	NR	NR	1648622	
18	0	0	0	NR	NR	1648622	
19	0						
20	0						
21	0	0	0	NR	NR	1648622	
22	0	0	0	NR	NR	1648622	
23	0	0	0	NR	NR	1648622	
24	0	0	0	NR	NR	1648622	
25	0	0	0	NR	NR	1648622	
26	0						
27	0						
28	0	0	0	NR	NR	1648622	
29	0						
30	0						
31	0						
TOT	0		0				
AVG	0.00		0.00	No. Davs:	28		

Population Served 3,500

Number of routine samples 7

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

Number of actual routine samples 4

Does a M&AR violation exist? YES NO

If yes, check reason's below.

Actual number of samples fewer than required.

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

Failure to analyze repeat samples.

Does an MCL violation exist? YES NO

If yes, check reason(s) below.

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

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

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

Reported by: JC Rath

Date: 3-3-05

Title: Water Systems Supervisor

Certification No. NY0031941

BROOKHAVEN NATIONAL LABORATORY

WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169 STATION 11515100 SUFFOLK COUNTY REPORTING PERIOD: FEBRUARY 2005

LOCATION: WELL NO. 6

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

Source: Ground Water

Does the system have a chlorination waiver? YES NO

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl ₂ Residual mg/l	Lime	Sodium Hydroxide	
		Gallons	Cl ₂ use per 24hrs		Sodium		
1	381	87	3	0.64	6	523763	
2	353	87	0	0.01	6	524116	
3	467	75	12	0.51	6.1	524583	
4	399	70+80	5	0.06	6	524982	
5	0						
6	0						
7	1,156	150	0	0.03	6.2	526138	
8	364	132	18	0.20	6.1	526502	
9	417	120	12	0.03	6.1	526919	
10	0	120	0	0.00	0	526919	
11	0	120	0	0.00	0	526919	
12	0						
13	0						
14	0	120	0	NR	NR	526919	
15	0	120	0	NR	NR	526919	
16	0	120	0	NR	NR	526919	
17	0	120	0	NR	NR	526919	
18	0	120	0	NR	NR	526919	
19	0						
20	0						
21	1	120	0	NR	NR	526920	
22	0	120	0	NR	NR	526920	
23	0	120	0	NR	NR	526920	
24	0	120	0	NR	NR	526920	
25	0	120	0	NR	NR	526920	
26	0						
27	0						
28	0	120	0	NR	NR	526920	
29	0						
30	0						
31	0						
TOT	3,538		50				
AVG.	126.36		1.79	No. Days:	28		

Population Served 3,500

Number of routine samples 7

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

Number of actual routine samples 4

Does a M&AR violation exist? YES NO

If yes, check reason's below.

Actual number of samples fewer than required.

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

Failure to analyze repeat samples.

Does an MCL violation exist? YES NO

If yes, check reason(s) below.

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

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

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

Reported by: *SA Karp*

Date: 3-3-05

Title: Water Systems Supervisor

Certification No. NY0031941

BROOKHAVEN NATIONAL LABORATORY

WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169

STATION 11515100

SUFFOLK COUNTY

REPORTING PERIOD: FEBRUARY

2005

LOCATION: WELL NO. 7

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

Source: Ground Water

Does the system have a chlorination waiver? YES NO

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl2 Residual mg/l	Lime Sodium Hydroxide		
		Gallons	Cl2 use per 24hrs				
		90					1617538
1	737	70	20	0.64	6		1618275
2	822	50	20	0.01	6		1619097
3	837	30+120	20	0.51	6.1		1619934
4	1,049	130+20	20	0.06	6		1620983
5	0						
6	0						
7	2,421	96	54	0.03	6.2		1623404
8	860	72	24	0.20	6.1		1624264
9	1,037	45	27	0.03	6.1		1625301
10	0	45	0	0.00	0		1625301
11	0	45	0	0.00	0		1625301
12	0						
13	0						
14	0	45	0	NR	NR		1625301
15	0	45	0	NR	NR		1625301
16	0	45	0	NR	NR		1625301
17	0	45	0	NR	NR		1625301
18	0	45	0	NR	NR		1625301
19	0						
20	0						
21	0	48	0	NR	NR		1625301
22	0	48+66	0	NR	NR		1625301
23	0	114	0	NR	NR		1625301
24	0	114	0	NR	NR		1625301
25	0	114	0	NR	NR		1625301
26	0						
27	0						
28	0	114	0	NR	NR		1625301
29	0						
30	0						
31	0						
TOT	7,763		185				
AVG.	277.25		6.61	No. Days:	28		

Population Served 3,500

Number of routine samples

7

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

Number of actual routine samples

4

Does a M&AR violation exist?

YES NO

If yes, check reason's below.

___ Actual number of samples fewer than required.

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

___ Failure to analyze repeat samples.

Does an MCL violation exist?

YES NO

If yes, check reason(s) below.

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

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

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

Reported by: J.A. Ross

Date: 3-3-05

Title: Water Systems Supervisor

Certification No. NY0031941

BROOKHAVEN NATIONAL LABORATORY

WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169

STATION 11515100

SUFFOLK COUNTY

REPORTING PERIOD: FEBRUARY

2005

LOCATION: WELL NO. 10

Did an emergency occur in any part of the water system?

YES

NO

Source: Ground Water

Does the system have a chlorination waiver?

YES

NO

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer
	Treated Water K. Gals	Liquid Sodium Hypochlorite		Free Cl2 Residual mg/l	Lime Sodium Hydroxide	Totalizer	
		Gallons	Cl2 use per 24hrs				
1	0	0	0	NR	NR	770988	
2	0	0	0	NR	NR	770988	
3	0	0	0	NR	NR	770988	
4	0	0	0	NR	NR	770988	
5	0						
6	0						
7	0	0	0	NR	NR	770988	
8	0	0	0	NR	NR	770988	
9	0	0	0	NR	NR	770988	
10	0	0	0	NR	NR	770988	
11	0	0	0	NR	NR	770988	
12	0						
13	0						
14	0	0	0	NR	NR	770988	
15	0	0	0	NR	NR	770988	
16	0	0	0	NR	NR	770988	
17	0	0	0	NR	NR	770988	
18	0	0	0	NR	NR	770988	
19	0						
20	0						
21	0	0	0	NR	NR	770988	
22	0	0	0	NR	NR	770988	
23	0	0	0	NR	NR	770988	
24	0	0	0	NR	NR	770988	
25	0	0	0	NR	NR	770988	
26	0						
27	0						
28	0	0	0	NR	NR	770988	
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

7

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

Number of actual routine samples

4

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 or high turbidity sample.

Failure to analyze repeat samples.

Does an MCL violation exist?

YES

NO

If yes, check reason(s) below.

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

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

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

Reported by: *M. Kelly*

Date: 3-3-05

Title: Water Systems Supervisor

Certification No. NY0031941

BROOKHAVEN NATIONAL LABORATORY

WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169

STATION 11515100

SUFFOLK COUNTY

REPORTING PERIOD: FEBRUARY

2005

LOCATION: WELL NO. 11

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

Source: Ground Water

Does the system have a chlorination waiver? YES NO

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl2 Residual mg/l	Lime Sodium Hydroxide		
		Gallons	Cl2 use per 24hrs		— Lime	— Sodium	
1	203	87	0	0.17	6.6	617600	
2	44	87	0	NR	NR	617644	
3	0	87	0	0.26	6.6	617644	
4	1	87	0	NR	NR	617645	
5	0						
6	0						
7	0	84	3	NR	NR	617645	
8	30	84	0	0.64	6	617675	
9	0	84+66	0	NR	NR	617675	
10	1,015	123	27	1.25	6.1	618690	
11	891	110+40	13	0.98	6.1	619581	
12	0						
13	0						
14	2,574	108	42	NR	NR	622155	
15	209	105	3	1.10	7.2	622364	
16	2	105	0	NR	NR	622366	
17	0	105	0	1.00	8.2	622366	
18	1	105	0	NR	NR	622367	
19	0						
20	0						
21	1,329	105	0	NR	NR	623696	
22	92	105	0	0.40	8	623788	
23	4	105	0	NR	NR	623792	
24	86	105	0	NR	NR	623878	
25	0	105	0	NR	NR	623878	
26	0						
27	0						
28	0	105	0	0.62	7.5	623878	
29	0						
30	0						
31	0						
TOT	6,481		88				
AVG.	231.46		3.14	No. Days:	28		

Population Served 3,500

Number of routine samples 7

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

Number of actual routine samples 4

Does a M&AR violation exist? YES NO

If yes, check reason's below.

Actual number of samples fewer than required.

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

Failure to analyze repeat samples.

Does an MCL violation exist? YES NO

If yes, check reason(s) below.

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

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

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

Reported by: *[Signature]*

Date: 3-3-05

Title: Water Systems Supervisor

Certification No. NY0031941

BROOKHAVEN NATIONAL LABORATORY

WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD: FEBRUARY 2005
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LOCATION: WELL NO. 12

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

Source: Ground Water

Does the system have a chlorination waiver? YES NO

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl2 Residual mg/l	Lime Sodium Hydroxide	Totalizer	
		Gallons	Cl2 use per 24hrs				
1	0	54	0	0.57	7.2	696135	
2	2	54	0	NR	NR	696137	
3	0	54	0	0.38	7.2	696137	
4	1	54	0	NR	NR	696138	
5	0						
6	0						
7	0	54	0	NR	NR	696138	
8	19	0	0	0.47	6.1	696157	
9	0	0+150	0	NR	NR	696157	
10	4	147	3	0.78	6.1	696161	
11	0	147	0	NR	NR	696161	
12	0						
13	0						
14	584	138	9	NR	NR	696745	
15	920	126	12	0.54	6.6	697665	
16	1,178	111	15	NR	NR	698843	
17	830	102	9	0.77	8.2	699673	
18	1,082	93	9	0.76	8.2	700755	
19	0						
20	0						
21	2,885	54	39	0.84	8.1	703640	
22	844	42+96	12	1.20	6.7	704484	
23	1,047	129	9	NR	NR	705531	
24	890	117	12	1.50	7.6	706421	
25	1,122	102	15	NR	NR	707543	
26	0						
27	0						
28	2,877	84	18	0.40	7.7	710420	
29	0						
30	0						
31	0						
TOT	14,285		162				
AVG.	510.18		5.79	No. Days:	28		

Population Served 3,500

Number of routine samples 7

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

Number of actual routine samples 4

Does a M&AR violation exist? YES NO

If yes, check reason's below.

Actual number of samples fewer than required.

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

Failure to analyze repeat samples.

Does an MCL violation exist? YES NO

If yes, check reason(s) below.

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

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

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

Reported by: [Signature]

Date: 3-3-05

Title: Water Systems Supervisor

Certification No. NY0031941

3/3/2005
Pump Data

MONTHLY GALLONAGE REPORT
FEBRUARY2005.XLS

Date	Well 4	Well 6	Well 7	Well10	Well11	Well12	Daily Total
1	0	381	737	0	203	0	1,321
2	0	353	822	0	44	2	1,221
3	0	467	837	0	0	0	1,304
4	0	399	1,049	0	1	1	1,450
5	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0
7	0	1,156	2,421	0	0	0	3,577
8	0	364	860	0	30	19	1,273
9	0	417	1,037	0	0	0	1,454
10	0	0	0	0	1,015	4	1,019
11	0	0	0	0	891	0	891
12	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0
14	0	0	0	0	2,574	584	3,158
15	0	0	0	0	209	920	1,129
16	0	0	0	0	2	1,178	1,180
17	0	0	0	0	0	830	830
18	0	0	0	0	1	1,082	1,083
19	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0
21	0	1	0	0	1,329	2,885	4,215
22	0	0	0	0	92	844	936
23	0	0	0	0	4	1,047	1,051
24	0	0	0	0	86	890	976
25	0	0	0	0	0	1,122	1,122
26	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0
28	0	0	0	0	0	2,877	2,877
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	0	3,538	7,763	0	6,481	14,285	32,067
			Totalizer This Month		Totalizer Last Month		Total(x1,000) Gallons
	Well 4		1,648,622		1,648,622		0
	Well 6		526,920		523,382		3,538
	Well 7		1,625,301		1,617,538		7,763
	Well 10		770,988		770,988		0
	Well 11		623,878		617,397		6,481
	Well 12		710,420		696,135		14,285
AGS Water Supply Meter			525,866		521,868		3998.00
Medical Reactor - Well 105			0		0		0.00
Biology Building - Well 9			6,792,770		6,792,770		0.00

ATTACHMENT II

Brookhaven National Laboratory

Potable Water Supply

February 2005 Biweekly and First Quarter

Water Quality Monitoring Data for the

BNL Distribution System and Potable Water Wells

Attachment II
Table 1 - Summary of Water Quality Analyses
for the BNL Potable Water System
February 2005

Sample Location	Sample Date	pH (SU)	Temperature (Degrees F)	Conductivity (µmhos)	Alkalinity (mg/L)	Calcium (mg/L)
WTP	2/2/05	7.3	53	191	ANR	ANR
WTP	2/4/05	7.4	54	189	ANR	ANR
WTP	2/8/05	7.4	52	141	ANR	ANR
WTP	2/10/05	6.9	51	149	ANR	ANR
WTP	2/15/05	7.4	52	205	ANR	ANR
WTP	2/17/05	7.6	50	206	ANR	ANR
WTP	2/22/05	7.3	51	195	ANR	ANR
WTP	2/26/05	7.4	51	201	ANR	ANR
Well 11	2/2/05	6.6	55	170	ANR	ANR
Well 11	2/4/05	6.6	55	186	ANR	ANR
Well 11	2/8/05	6.0	55	135	ANR	ANR
Well 11	2/10/05	6.1	55	152	ANR	ANR
Well 11	2/15/05	7.2	55	202	ANR	ANR
Well 11	2/17/05	8.2	56	234	ANR	ANR
Well 11	2/22/05	8.0	56	219	ANR	ANR
Well 12	2/2/05	7.2	55	237	ANR	ANR
Well 12	2/4/05	7.2	55	229	ANR	ANR
Well 12	2/8/05	6.1	55	142	ANR	ANR
Well 12	2/10/05	6.1	55	147	ANR	ANR
Well 12	2/15/05	6.6	56	184	ANR	ANR
Well 12	2/17/05	8.0	56	233	ANR	ANR
Well 12	2/22/05	6.7	56	199	ANR	ANR
Well 12	2/26/05	7.6	56	210	ANR	ANR
Bldg. 49	1/7/05	7.2	57	175	11.2	5.47
Bldg. 363	1/7/05	7.4	54	189	13.6	7.18
Bldg. 640	1/7/05	7.0	54	163	15.6	6.37

ANR- Analysis Not Required

NR- Not Reported

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
(831) 884-3040, FAX: (831) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Marcia Allocco

Lab No. : 0501163-001

Sample Information...

Type : Potable Water

Origin: Distribution

Federal ID : 5111891

Client ID. : 19604-001

Collected : 1/7/2005 10:10:00 AM

Point No: 094-273

Received : 1/7/2005 3:10:00 PM

Location: B-49 Water Tower

Collected By CLIENT

Copy : Original

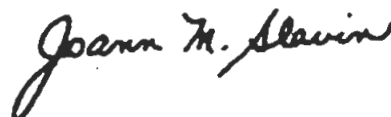
CC

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Specific Conductance	175		1	µmhos/cm		E120.1	01/07/2005
PH (FIELD)	7.2		1	pH Units		E150.1	01/07/2005
Temperature	14		1	°C		E170.1	01/07/2005
Total Coliform	Negative		1		Negative	M9223	01/08/2005 11:30 AM
E_Coliform	Absent		1		Absent	M9223	01/08/2005 11:30 AM
Alkalinity, Total (As CaCO3)	11.2		1	mg/L		M2320 B	01/10/2005 10:03 AM
Total Residual Chlorine	0.7		1	mg/L		M4500-CI G	01/07/2005
Turbidity	< 1.0		1	NTU	5	E180.1	01/07/2005 5:30 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Date Reported : 2/3/2005

Laboratory Manager



BNLM157 A26

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 : Marcia Allocco

Federal ID 5111891

Collected : 1/7/05 10:10:00 AM

Received : 1/7/05 3:10:00 PM

Collected By : CLIENT

Copy : Original

CC

Lab No. : 0501163-001A

Client ID. : 19604-001

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Point No : 094-273

Location : B-49 Water Tower

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Calcium	5470		1	µg/L		E200.7	01/10/2005 12:44 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Date Reported : 2/3/05

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 : Marcia Allocco

Lab No. : 0501163-002

Sample Information...

Type : Potable Water

Origin: Distribution

Federal ID : 5111891

Client ID. : 19604-002

Collected : 1/7/2005 9:00:00 AM

Point No: 076-408

Received : 1/7/2005 3:10:00 PM

Location: B-640 Water Tower

Collected By CLIENT

Copy : Original

CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Specific Conductance	163		1	µmhos/cm		E120.1	01/07/2005
PH (FIELD)	7.0		1	pH Units		E150.1	01/07/2005
Temperature	12		1	°C		E170.1	01/07/2005
Total Coliform	Negative		1		Negative	M9223	01/08/2005 11:30 AM
E_Coliform	Absent		1		Absent	M9223	01/08/2005 11:30 AM
Alkalinity, Total (As CaCO3)	15.6		1	mg/L		M2320 B	01/10/2005 10:08 AM
Total Residual Chlorine	0.6		1	mg/L		M4500-CI G	01/07/2005
Turbidity	< 1.0		1	NTU	5	E180.1	01/07/2005 5:31 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Date Reported : 2/3/2005

Joann M. Slavin

Laboratory Manager

BNLM157 A28

H2M LABS, INC.

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

LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Marcia Allocco

Lab No. : 0501163-002A

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Federal ID : 5111891

Client ID : 19604-002

Collected : 1/7/05 9:00:00 AM

Point No : 076-408

Received : 1/7/05 3:10:00 PM

Location : B-640 Water Tower

Collected By : CLIENT

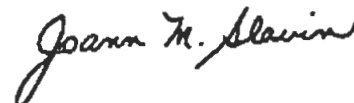
Copy : Original

CC

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Calcium	6370		1	µg/L		E200.7	01/10/2005 12:52 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Date Reported : 2/3/05



Laboratory Manager

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(831) 694-3040, FAX: (831) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

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

Lab No. : 0501163-003

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

Federal ID : 5111891

Client ID. : 19604-003

Collected : 1/7/2005 10:25:00 AM

Point No: 109-19

Received : 1/7/2005 3:10:00 PM

Location: B-363 Apt.Laundry

Collected By CLIENT

Copy : Original

CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Specific Conductance	189		1	µmhos/cm		E120.1	01/07/2005
PH (FIELD)	7.4		1	pH Units		E150.1	01/07/2005
Temperature	12		1	°C		E170.1	01/07/2005
Total Coliform	Negative		1		Negative	M9223	01/08/2005 11:30 AM
E_Coliform	Absent		1		Absent	M9223	01/08/2005 11:30 AM
Alkalinity, Total (As CaCO3)	13.6		1	mg/L		M2320 B	01/10/2005 10:13 AM
Total Residual Chlorine	0.6		1	mg/L		M4500-CI G	01/07/2005
Turbidity	< 1.0		1	NTU	5	E180.1	01/07/2005 5:32 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Date Reported : 2/3/2005

Joann M. Slavin

Laboratory Manager

BNLM157 A30

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0501163-003A

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

Federal ID : 5111891

Client ID. : 19604-003

Collected : 1/7/05 10:25:00 AM

Point No : 109-19

Received : 1/7/05 3:10:00 PM

Location : B-363 Apt.Laundry

Collected By : CLIENT

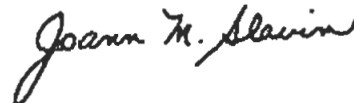
Copy : Original

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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Calcium	7180		1	µg/L		E200.7	01/10/2005 12:59 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Date Reported : 2/3/05



ATTACHMENT III

Brookhaven National Laboratory

Potable Water Supply

February 2005 Stage 1 Disinfectants & Disinfection Byproduct Rule

Monitoring Data and Bacteriological Analyses for the BNL Distribution System

Attachment III

**February 2005 Stage 1 Disinfectants & Disinfection Byproduct Rule Monitoring Data
Table II - Maximum Residual Disinfectant Level (MRDL) Compliance**

Location	Total Residual Chlorine (mg/L)											
	Mar. 04	Apr. 04	May 04	June 04	July 04	Aug. 04	Sept. 04	Oct. 04	Nov. 04	Dec. 04	Jan. 05	Feb. 05
Bldg. 49 Water Tower	1.1	1.0	1.0	0.8	0.8	1.0	0.7	0.8	0.8	0.5	0.7	2
Bldg. 640 Water Tower	1.1	0.6	1.0	0.6	0.5	0.5	0.3	0.6	0.5	0.5	0.6	0.6
Bldg. 363 Apt. Laundry	0.9	0.3	0.8	0.4	0.6	0.5	0.6	0.5	0.5	0.4	0.6	0.7
Bldg. 1005 RHIC	0.5	0.4	0.6	0.5	0.6	0.5	0.5	0.5	0.5	0.4	0.5	0.6
Bldg. 930 LINAC	1.1	NS	0.9	NS	0.8	NS	0.9	NS	0.8	NS	0.6	NS
Bldg. 725 NSLS	NS	1.7	NS	0.8	NS	0.9	NS	0.7	NS	0.5	NS	0.7
Bldg. 490 Outpatient Clinic	1.0	NS	1.0	NS	0.8	NS	0.7	NS	0.7	NS	0.7	NS
Bldg. 490 Block 11	1.0	NS	1.0	NS	0.6	NS	0.3	NS	0.8	NS	0.6	NS
Bldg. 490 Block 1 ACF	NS	1.0	NS	0.6	NS	0.1	NS	0.8	NS	0.5	NS	0.5
Bldg. 490 Block 4 MRC	NS	1.1	NS	0.6	NS	0.9	NS	0.7	NS	0.5	NS	0.7
Monthly Average	1.0	0.9	0.9	0.6	0.7	0.7	0.6	0.7	0.7	0.5	0.6	0.8

NA - Not Applicable

NS- Not Scheduled for sampling

Running Annual Average (mg/L) 0.7 (Total Residual Chlorine)
MRDL (mg/L) 4.0

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 : Marcia Allocco

Lab No. : 0502151-001

Sample Information...
Type : Potable Water

Origin: Distribution

Client ID. : 19612-001

Collected 2/4/2005 9:10:00 AM
Received 2/4/2005 3:15:00 PM
Collected By CLIENT
Copies To Original
CC

Bldg. 49

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative M9223	02/05/2005 1:00 PM
E_Coliform	Absent		1		Absent M9223	02/05/2005 1:00 PM
Total Residual Chlorine	2.0		1	mg/L	M4500-Cl G	02/04/2005

Qualifiers: E - Value above quantitation range
D - Results for Dilution
D.F. = Dilution Factor

Date Reported : 2/11/2005

Joann M. Slavin

Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0502151-002

Sample Information...
Type : Potable Water

Origin: Distribution

Client ID. : 19612-002

Collected 2/4/2005 9:19:00 AM
Received 2/4/2005 3:15:00 PM
Collected By CLIENT
Copies To Original
CC

Bldg. 640

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		N9223	02/05/2005 1:00 PM
E_Coliform	Absent		1		M9223	02/05/2005 1:00 PM
Total Residual Chlorine	0.6		1	mg/L	M4500-CI G	02/04/2005

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Date Reported : 2/11/2005

Joann M. Slavin

Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0502151-003

Sample Information...
Type : Potable Water

Origin: Distribution

Client ID. : 19612-003

Collected 2/4/2005 10:21:00 AM
Received 2/4/2005 3:15:00 PM
Collected By CLIENT
Copies To Original
CC

Big. 1005

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative M9223	02/05/2005 1:00 PM
E_Coliform	Absent		1		Absent M9223	02/05/2005 1:00 PM
Total Residual Chlorine	0.6		1	mg/L	M4500-CI G	02/04/2005

Qualifiers: E - Value above quantitation range
D - Results for Dilution
D.F. = Dilution Factor

Date Reported : 2/11/2005

Joann M. Slavin

Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0502151-004

Sample Information...

Type : Potable Water

Origin: Distribution

Client ID. : 19612-004

Collected 2/4/2005 9:00:00 AM

Received 2/4/2005 3:15:00 PM

Collected By CLIENT

Copies To Original

CC

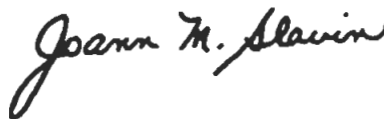
Bldg 363

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative M9223	02/05/2005 1:00 PM
E_Coliform	Absent		1		Absent M9223	02/05/2005 1:00 PM
Total Residual Chlorine	0.7		1	mg/L	M4500-Cl G	02/04/2005

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Date Reported : 2/11/2005



Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Marcia Allocco

Lab No. : 0502151-005

Sample Information...

Type : Potable Water

Origin: Distribution

Client ID. : 19812-005

Bldg 725

Collected 2/4/2005 10:21:00 AM

Received 2/4/2005 3:15:00 PM

Collected By CLIENT

Copies To Original

CC

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative M9223	02/05/2005 1:00 PM
E_Coliform	Absent		1		Absent M9223	02/05/2005 1:00 PM
Total Residual Chlorine	0.7		1	mg/L	M4500-CI G	02/04/2005

Qualifiers: E - Value above quantitation range

D - Results for Dilution

D.F. = Dilution Factor

Date Reported : 2/11/2005

Joann M. Slavin

Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0502151-006

Sample Information...
Type : Potable Water

Origin: Distribution

Client ID. : 19612-006

Collected 2/4/2005 11:09:00 AM
Received 2/4/2005 3:15:00 PM
Collected By CLIENT
Copies To Original
CC

Edg 490 - Block 1 - ACF

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative M9223	02/05/2005 1:00 PM
E_Coliform	Absent		1		Absent M9223	02/05/2005 1:00 PM
Total Residual Chlorine	0.5		1	mg/L	M4500-CI G	02/04/2005

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Date Reported : 2/11/2005

Joann M. Slavin

Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0502151-007

Sample Information...
Type : Potable Water

Origin: Distribution

Client ID. : 19612-007

Collected 2/4/2005 10:58:00 AM
Received 2/4/2005 3:15:00 PM
Collected By CLIENT
Copies To Original
CC

Buildg 490 Block 4 - MRC

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative M9223	02/05/2005 1:00 PM
E_Coliform	Absent		1		Absent M9223	02/05/2005 1:00 PM
Total Residual Chlorine	0.7		1	mg/L	M4500-CI G	02/04/2005

Qualifiers: E - Value above quantitation range
D - Results for Dilution
D.F. = Dilution Factor

Date Reported : 2/11/2005

Joann M. Slavin

Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0502151-008

Sample Information...
Type : Potable Water

Origin: Distribution

Client ID. : 19612-008

Collected 2/4/2005 9:20:00 AM
Received 2/4/2005 3:15:00 PM
Collected By CLIENT
Copies To Original
CC

Blag. 640 - Duplicate

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		N9223	02/05/2005 1:00 PM
E_Coliform	Absent		1		M9223	02/05/2005 1:00 PM
Total Residual Chlorine	0.6		1	mg/L	M4500-CI G	02/04/2005

Qualifiers: E - Value above quantitation range
D - Results for Dilution

D.F. = Dilution Factor

Date Reported : 2/11/2005

Joann M. Slavin

Laboratory Manager

ATTACHMENT IV

Brookhaven National Laboratory

Potable Water Supply

2005 First Quarter Principal Organic Compound Analyses

for the BNL Potable Water Distribution System and Potable Water Wells

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0501163-009

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

Federal ID : 5111891

Client ID. : 19604-009

Collected : 1/7/2005 11:25:00 AM

Point No: 093-07

Received : 1/7/2005 3:10:00 PM

Location: Well #6 Raw

Collected By CLIENT

Copy : Original

CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
Chloromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	01/15/2005 2:51 AM
Bromomethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
Chloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
Chloroform	0.8		1	µg/L	50	E502.2	01/15/2005 2:51 AM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	01/15/2005 2:51 AM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	01/15/2005 2:51 AM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
Bromoform	< 0.5		1	µg/L	50	E502.2	01/15/2005 2:51 AM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Joann M. Slavin

Date Reported : 2/3/2005

Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0501163-009

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

Federal ID : 5111891

Client ID. : 19604-009

Collected : 1/7/2005 11:25:00 AM

Point No: 093-07

Received : 1/7/2005 3:10:00 PM

Location: Well #6 Raw

Collected By CLIENT

Copy : Original

CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
Benzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
Toluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
o-Xylene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
Styrene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	01/15/2005 2:51 AM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 2:51 AM

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

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

D.F. = Dilution Factor

Date Reported : 2/3/2005

Page 2 of 20

Joann M. Slavin

Laboratory Manager

BNLM157 A38

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 : Marcia Allocco

Lab No. : 0501163-010

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

Federal ID : 5111891

Client ID. : 19604-010

Collected : 1/7/2005 11:14:00 AM

Point No: 092-03

Received : 1/7/2005 3:10:00 PM

Location: Well #7 Raw

Collected By CLIENT

Copy : Original

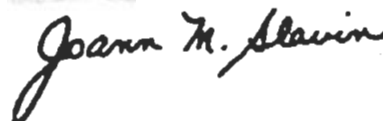
CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
Chloromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	01/15/2005 3:39 AM
Bromomethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
Chloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
Chloroform	0.7		1	µg/L	50	E502.2	01/15/2005 3:39 AM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	01/15/2005 3:39 AM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	01/15/2005 3:39 AM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
Bromoform	< 0.5		1	µg/L	50	E502.2	01/15/2005 3:39 AM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Date Reported : 2/3/2005

Laboratory Manager



BNLM157 A40

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 : Marcia Allocco

Lab No. : 0501163-010

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

Federal ID : 5111891

Client ID. : 19604-010

Collected : 1/7/2005 11:14:00 AM Point No: 092-03
Received : 1/7/2005 3:10:00 PM Location: Well #7 Raw

Collected By CLIENT

Copy : Original

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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
Benzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
Toluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
o-Xylene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
Styrene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	01/15/2005 3:39 AM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 3:39 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Date Reported : 2/3/2005

Page 4 of 20

Joann M. Slavin

Laboratory Manager

BNLM157 A41

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 894-3040. FAX (631) 420-8438 NYS DOH ID # 10478

LABORATORY RESULTS

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

Lab No. : 0501163-020

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

Federal ID : 5111891

Client ID. : 19604-020

Collected : 1/7/2005 1:41:00 PM

Point No: 055-09

Received : 1/7/2005 3:10:00 PM

Location: Well #10 Raw

Collected By CLIENT

Copy : Original

CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
Chloromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	01/15/2005 8:28 AM
Bromomethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
Chloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
Chloroform	< 0.5		1	µg/L	50	E502.2	01/15/2005 8:28 AM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	01/15/2005 8:28 AM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	01/15/2005 8:28 AM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
Bromoform	< 0.5		1	µg/L	50	E502.2	01/15/2005 8:28 AM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Date Reported : 2/3/2005

Laboratory Manager

BNLM157 A63

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(831) 694-3040. FAX: (831) 420-8438 NYSDOH ID# 10478

LABORATORY RESULTS

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

Lab No. : 0501163-020

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

Federal ID : 5111891

Client ID. : 19604-020

Collected : 1/7/2005 1:41:00 PM

Point No: 055-09

Received : 1/7/2005 3:10:00 PM

Location: Well #10 Raw

Collected By CLIENT

Copy : Original

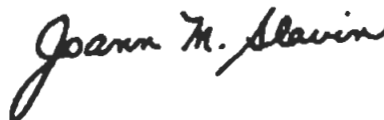
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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
Benzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
Toluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
o-Xylene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
Styrene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	01/15/2005 8:28 AM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 8:28 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Date Reported : 2/3/2005

Laboratory Manager



BNLM157 A64

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0501163-011

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

Federal ID : 5111891

Client ID. : 19604-011

Collected : 1/7/2005 9:35:00 AM

Point No: 056-19

Received : 1/7/2005 3:10:00 PM

Location: Well #11 Raw

Collected By CLIENT

Copy : Original

CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
Chloromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	01/15/2005 4:27 AM
Bromomethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
Chloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
Chloroform	< 0.5		1	µg/L	50	E502.2	01/15/2005 4:27 AM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	01/15/2005 4:27 AM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	01/15/2005 4:27 AM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
Bromoform	< 0.5		1	µg/L	50	E502.2	01/15/2005 4:27 AM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Joann M. Alavin

Date Reported : 2/3/2005

Laboratory Manager

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(831) 694-3040. FAX: (831) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

Brockhaven National Lab.-BNLM
70 Bell Ave.
Upton, NY 11973
Attn To : Marcia Allocco

Lab No. : 0501163-011

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

Federal ID : 5111891

Client ID. : 19604-011

Collected : 1/7/2005 9:35:00 AM

Point No: 056-19

Received : 1/7/2005 3:10:00 PM

Location: Well #11 Raw

Collected By CLIENT

Copy : Original

CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
Benzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
Toluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
o-Xylene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
Styrene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	01/15/2005 4:27 AM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 4:27 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Date Reported : 2/3/2005

Page 6 of 20

Joann M. Slavin

Laboratory Manager

BNLM157 A44

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(831)694-3040, FAX: (831)420-8438 NYSDOH ID# 10478

LABORATORY RESULTS

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

Lab No. : 0501163-012

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

Federal ID : 5111891

Client ID. : 19604-012

Collected : 1/7/2005 9:20:00 AM

Point No: 056-20

Received : 1/7/2005 3:10:00 PM

Location: Well #12 Raw

Collected By CLIENT

Copy : Original

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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
Chloromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	01/15/2005 5:16 AM
Bromomethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
Chloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
Chloroform	< 0.5		1	µg/L	50	E502.2	01/15/2005 5:16 AM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	01/15/2005 5:16 AM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	01/15/2005 5:16 AM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
Bromoform	< 0.5		1	µg/L	50	E502.2	01/15/2005 5:16 AM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Date Reported : 2/3/2005

Laboratory Manager

BNLM157 A48

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 : Marcia Allocco

Lab No. : 0501163-012

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

Federal ID : 5111891

Client ID. : 19604-012

Collected : 1/7/2005 9:20:00 AM

Point No: 056-20

Received : 1/7/2005 3:10:00 PM

Location: Well #12 Raw

Collected By CLIENT

Copy : Original

CC

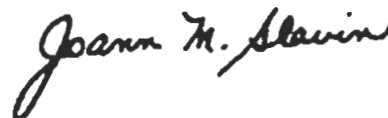
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
Benzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
Toluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:18 AM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
o-Xylene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
Styrene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	01/15/2005 5:16 AM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 5:16 AM

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

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

D.F. = Dilution Factor

Date Reported : 2/3/2005



Laboratory Manager

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(831) 694-3040. FAX: (831) 420-8438 NYSDOH ID# 10478

LABORATORY RESULTS

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

Lab No. : 0501163-014

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

Federal ID : 5111891

Client ID : 19604-014

Collected : 1/7/2005 12:30:00 PM Point No: 073-10
Received : 1/7/2005 3:10:00 PM Location: Bldg. 624 WTP

Collected By CLIENT

Copy : Original

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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
Chloromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	01/15/2005 6:04 AM
Bromomethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
Chloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
Chloroform	< 0.5		1	µg/L	50	E502.2	01/15/2005 6:04 AM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	01/15/2005 6:04 AM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	01/15/2005 6:04 AM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
Bromoform	< 0.5		1	µg/L	50	E502.2	01/15/2005 6:04 AM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Date Reported : 2/3/2005

Page 9 of 20

Laboratory Manager

Joann M. Slavin

BNLM157 A52

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(831) 694-3040. FAX (831) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

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

Lab No. : 0501163-014

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

Federal ID : 5111891

Client ID. : 19604-014

Collected : 1/7/2005 12:30:00 PM

Point No: 073-10

Received : 1/7/2005 3:10:00 PM

Location: Bldg. 624 WTP

Collected By CLIENT

Copy : Original

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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
Benzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
Toluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
o-Xylene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
Styrene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	01/15/2005 6:04 AM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:04 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Date Reported : 2/3/2005

Page 10 of 20

Joann M. Slavin

Laboratory Manager

BNLM157 A53

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 : Marcia Allocco

Lab No. : 0501163-022

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

Federal ID : 5111891

Client ID. : 19604-022

Collected : 1/7/2005 1:41:00 PM

Point No: 055-38

Received : 1/7/2005 3:10:00 PM

Location: Well #10 Treated

Collected By CLIENT

Copy : Original

CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
Chloromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	01/15/2005 9:16 AM
Bromomethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
Chloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
Chloroform	< 0.5		1	µg/L	50	E502.2	01/15/2005 9:16 AM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	01/15/2005 9:16 AM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	01/15/2005 9:16 AM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
Bromoform	< 0.5		1	µg/L	50	E502.2	01/15/2005 9:16 AM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM

Result(s) reported meet(s) Regulatory Limit(s).
 Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
 D.F. = Dilution Factor

Joann M. Slavin

Date Reported : 2/3/2005

Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0501163-022

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

Federal ID : 5111891

Client ID. : 19604-022

Collected : 1/7/2005 1:41:00 PM

Point No: 055-38

Received : 1/7/2005 3:10:00 PM

Location: Well #10 Treated

Collected By CLIENT

Copy : Original

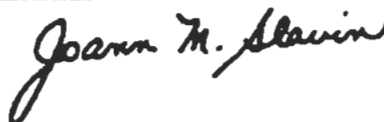
CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
Benzene	0.8		1	µg/L	5	E502.2	01/15/2005 9:16 AM
Toluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
o-Xylene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
Styrene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	01/15/2005 9:16 AM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 9:16 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Date Reported : 2/3/2005

Laboratory Manager



BNLM157 A68

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(831) 694-3040. FAX: (831) 420-8438 NYSDOH ID# 10478

LABORATORY RESULTS

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

Lab No. : 0501163-017

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

Federal ID : 5111891

Client ID. : 19604-017

Collected : 1/7/2005 9:39:00 AM

Point No: 056-33

Received : 1/7/2005 3:10:00 PM

Location: Well #11 Treated

Collected By CLIENT

Copy : Original

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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
Chloromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	01/15/2005 6:52 AM
Bromomethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
Chloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
Chloroform	< 0.5		1	µg/L	50	E502.2	01/15/2005 6:52 AM
1,1,1-Trichloroethane	0.6		1	µg/L	5	E502.2	01/15/2005 6:52 AM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	01/15/2005 6:52 AM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	01/15/2005 6:52 AM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
Bromoform	< 0.5		1	µg/L	50	E502.2	01/15/2005 6:52 AM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Date Reported : 2/3/2005

Laboratory Manager

BNLM157 A56

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(831) 694-3040. FAX: (831) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

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

Lab No. : 0501163-017

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

Federal ID : 5111891

Client ID. : 19604-017

Collected : 1/7/2005 9:39:00 AM

Point No: 056-33

Received : 1/7/2005 3:10:00 PM

Location: Well #11 Treated

Collected By CLIENT

Copy : Original

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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
Benzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
Toluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
o-Xylene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
Styrene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	01/15/2005 6:52 AM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 6:52 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Date Reported : 2/3/2005

Joann M. Slavin

Laboratory Manager

BNLM157 A57

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0501163-019

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

Federal ID : 5111891

Client ID. : 19604-019

Collected : 1/7/2005 9:23:00 AM

Point No: 056-34

Received : 1/7/2005 3:10:00 PM

Location: Well #12 Treated

Collected By CLIENT

Copy : Original

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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
Chloromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	01/15/2005 7:40 AM
Bromomethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
Chloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
Chloroform	< 0.5		1	µg/L	50	E502.2	01/15/2005 7:40 AM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	01/15/2005 7:40 AM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	01/15/2005 7:40 AM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
Bromoform	< 0.5		1	µg/L	50	E502.2	01/15/2005 7:40 AM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM

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

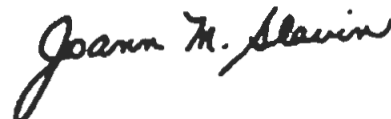
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.

D.F. = Dilution Factor

Date Reported : 2/3/2005

Page 13 of 20

Laboratory Manager



BNLM157 A61

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(831) 694-3040. FAX: (831) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

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

Lab No. : 0501163-019

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

Federal ID : 5111891

Client ID. : 19804-019

Collected : 1/7/2005 9:23:00 AM

Point No: 056-34

Received : 1/7/2005 3:10:00 PM

Location: Well #12 Treated

Collected By CLIENT

Copy : Original

CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
Benzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
Toluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
o-Xylene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
Styrene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	01/15/2005 7:40 AM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/15/2005 7:40 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Date Reported : 2/3/2005

Joann M. Slavin

Laboratory Manager

ATTACHMENT V

Brookhaven National Laboratory

Potable Water Supply

2005 First Quarter Bacteriological Analyses

for the BNL Potable Water Wells

and GAC/Air Stripper Treatment Systems

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 : Marcia Allocco

Lab No. : 0501163-009

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

Federal ID : 5111891

Client ID : 19604-009

Collected : 1/7/2005 11:25:00 AM Point No: 093-07
Received : 1/7/2005 3:10:00 PM Location: Well #6 Raw
Collected By CLIENT
Copy : Original
CC

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	01/08/2005 11:30 AM
E_Coliform	Absent		1		Absent	M9223	01/08/2005 11:30 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Date Reported : 2/3/2005

Joann M. Slavin

Laboratory Manager

BNLM157 A39

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 : Marcia Allocco

Lab No. : 0501163-010

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

Federal ID : 5111891

Client ID. : 19604-010

Collected : 1/7/2005 11:14:00 AM

Point No: 092-03

Received : 1/7/2005 3:10:00 PM

Location: Well #7 Raw

Collected By CLIENT

Copy : Original

CC

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	01/08/2005 11:30 AM
E_Coliform	Absent		1		Absent	M9223	01/08/2005 11:30 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Date Reported : 2/3/2005

Joann M. Slavin

Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Marcia Allocco

Lab No. : 0501163-020

Sample Information...

Type : Potable Water

Origin: Raw Well

Federal ID : 5111891

Client ID. : 19604-020

Collected : 1/7/2005 1:41:00 PM

Point No: 055-09

Received : 1/7/2005 3:10:00 PM

Location: Well #10 Raw

Collected By CLIENT

Copy : Original

CC

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	01/08/2005 11:30 AM
E_Coliform	Absent		1		Absent	M9223	01/08/2005 11:30 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Date Reported : 2/3/2005

Joann M. Slavin

Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0501163-011

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

Federal ID : 5111891

Client ID. : 19604-011

Collected : 1/7/2005 9:35:00 AM

Point No: 056-19

Received : 1/7/2005 3:10:00 PM

Location: Well #11 Raw

Collected By CLIENT

Copy : Original

CC

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	01/08/2005 11:30 AM
E_Coliform	Absent		1		Absent	M9223	01/08/2005 11:30 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Date Reported : 2/3/2005

Joann M. Slavin

Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0501163-012

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

Federal ID : 5111891

Client ID. : 19604-012

Collected : 1/7/2005 9:20:00 AM

Point No: 056-20

Received : 1/7/2005 3:10:00 PM

Location: Well #12 Raw

Collected By CLIENT

Copy : Original

CC

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	01/08/2005 11:30 AM
E_Coliform	Absent		1		Absent	M9223	01/08/2005 11:30 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Date Reported : 2/3/2005

Joann M. Slavin

Laboratory Manager

BNLM157 A50

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 : Marcia Allocco

Lab No. : 0501163-013

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

Federal ID : 5111891

Client ID. : 19604-013

Collected : 1/7/2005 12:30:00 PM

Point No: 073-20

Received : 1/7/2005 3:10:00 PM

Location: Wtf Packed Tower 648

Collected By CLIENT

Copy : Original

CC

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	01/08/2005 11:30 AM
E_Coliform	Absent		1		Absent	M9223	01/08/2005 11:30 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Date Reported : 2/3/2005

Joann M. Slavin

Laboratory Manager

BNLM157 A51

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(631) 864-3040. FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

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

Lab No. : 0501163-021

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

Federal ID : 5111891

Client ID. : 19604-021

Collected : 1/7/2005 1:40:00 PM

Point No: 055-36

Received : 1/7/2005 3:10:00 PM

Location: Well #10 Gac Filter 654

Collected By CLIENT

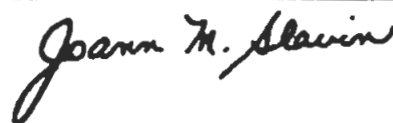
Copy : Original

CC

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	01/08/2005 11:30 AM
E_Coliform	Absent		1		Absent	M9223	01/08/2005 11:30 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Date Reported : 2/3/2005



Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Marcia Allocco

Lab No. : 0501163-016

Sample Information...

Type : Potable Water

Origin: Treated Well

Federal ID : 5111891

Client ID. : 19604-016

Collected : 1/7/2005 9:39:00 AM

Point No: 056-31

Received : 1/7/2005 3:10:00 PM

Location: Well #11 Gac Filter 655

Collected By CLIENT

Copy : Original

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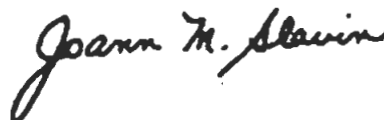
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	01/08/2005 11:30 AM
E_Coliform	Absent		1		Absent	M9223	01/08/2005 11:30 AM

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

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

D.F. = Dilution Factor

Date Reported : 2/3/2005



Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0501163-018

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

Federal ID : 5111891

Client ID. : 19604-018

Collected : 1/7/2005 9:25:00 AM

Point No: 056-32

Received : 1/7/2005 3:10:00 PM

Location: Well #12 Gac Filter 657

Collected By CLIENT

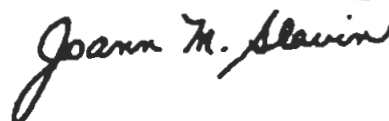
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CC

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	01/08/2005 11:30 AM
E_Coliform	Absent		1		Absent	M9223	01/08/2005 11:30 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Date Reported : 2/3/2005



Laboratory Manager

ATTACHMENT VI

Brookhaven National Laboratory

Potable Water Supply

2005 Semi-Annual Inorganic and Nitrate/Nitrite Analyses

for the BNL Distribution System

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0501163-008A

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

Federal ID : 5111891

Client ID. : 19604-008

Collected : 1/7/05 10:45:00 AM

Point No : 085-294

Received : 1/7/05 3:10:00 PM

Location : B-185 Personnel

Collected By : CLIENT

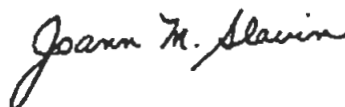
Copy : Original

CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Barium	< 200		1	µg/L	2000	E200.7	01/10/2005 1:06 PM
Beryllium	< 3.0		1	µg/L	4	E200.7	01/10/2005 1:06 PM
Cadmium	< 5.0		1	µg/L	5	E200.7	01/10/2005 1:06 PM
Calcium	5690		1	µg/L		E200.7	01/10/2005 1:06 PM
Chromium	< 10		1	µg/L	100	E200.7	01/10/2005 1:06 PM
Iron	138		1	µg/L	300	E200.7	01/10/2005 1:06 PM
Manganese	30.9		1	µg/L	300	E200.7	01/10/2005 1:06 PM
Nickel	< 40.0		1	µg/L	100	E200.7	01/10/2005 1:06 PM
Silver	< 10		1	µg/L	100	E200.7	01/10/2005 1:06 PM
Sodium	17000		1	µg/L		E200.7	01/10/2005 1:06 PM
Zinc	< 20.0		1	µg/L	5000	E200.7	01/10/2005 1:06 PM
Arsenic	< 3.00		1	ug/l	50	E200.8	01/27/2005 12:00 PM
Lead	< 1.00		1	ug/l	15	E200.8	01/27/2005 12:00 PM
Selenium	< 5.00		1	ug/l	50	E200.8	01/27/2005 12:00 PM
Antimony	< 5.90		1	ug/l	6	E200.8	01/27/2005 12:00 PM
Thallium	< 1.90		1	ug/l	2	E200.8	01/27/2005 12:00 PM
Mercury	< 0.20		1	ug/l	2	E200.8	01/27/2005 12:00 PM
Cyanide	< 10		1	µg/L	200	M4500-CN CE	01/10/2005 9:40 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Date Reported : 2/3/05



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 : Marcia Allocco

Lab No. : 0501163-008

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

Federal ID : 5111891

Client ID. : 19604-008

Collected : 1/7/2005 10:45:00 AM

Point No: 085-294

Received : 1/7/2005 3:10:00 PM

Location: B-185 Personnel

Collected By CLIENT

Copy : Original

CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Chloride	25.9		1	mg/L	250	E325.2	01/13/2005 11:26 AM
Color	5		1	units	15	E110.2	01/07/2005 5:30 PM
Specific Conductivity	156		1	µmhos/cm		M2510 B	01/14/2005 9:47 AM
Fluoride	< 0.10		1	mg/L	2.2	M4500F C	01/14/2005 12:30 PM
MBAS	< 0.08		1	mg/L		E425.1	01/08/2005 5:33 PM
Nitrogen, Ammonia (As N)	< 0.10		1	mg/L		E350.1	01/11/2005 2:13 PM
Nitrite as N	< 0.10		1	mg/L	1	E353.2	01/08/2005 6:11 PM
Nitrate as N	0.28		1	mg/L	10	E353.2	01/10/2005 11:50 AM
Odor	0		1	units	3	E140.1	01/07/2005 5:30 PM
pH	6.9		1	pH Units		E150.1	01/07/2005 5:00 PM
Sulfate	8.9		1	mg/L	250	E375.4	01/12/2005 9:38 AM
Turbidity	< 1.0		1	NTU	5	E180.1	01/07/2005 5:33 PM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Date Reported : 2/3/2005

Joann M. Slavin

Laboratory Manager

BNLM157 A36

H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747
(831) 694-3040. FAX (831) 420-8436 NYSDOH ID # 10478

LABORATORY RESULTS

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

Lab No. : 0501163-016

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

Federal ID : 5111891

Client ID. : 19604-016

Collected : 1/7/2005 9:39:00 AM

Point No: 056-31

Received : 1/7/2005 3:10:00 PM

Location: Well #11 Gac Filter 655

Collected By CLIENT

Copy : Original

CC

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	01/08/2005 11:30 AM
E_Coliform	Absent		1		Absent	M9223	01/08/2005 11:30 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Date Reported : 2/3/2005

Joann M. Slavin

Laboratory Manager

BNLM157 A55

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0501163-018

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

Federal ID : 5111891

Client ID. : 19604-018

Collected : 1/7/2005 9:25:00 AM

Point No: 056-32

Received : 1/7/2005 3:10:00 PM

Location: Well #12 Gac Filter 657

Collected By CLIENT

Copy : Original

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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	01/08/2005 11:30 AM
E_Coliform	Absent		1		Absent	M9223	01/08/2005 11:30 AM

Result(s) reported meet(s) Regulatory Limit(s).
Result(s) flagged with * Exceed Regulatory Limit(s). Limit noted.
D.F. = Dilution Factor

Date Reported : 2/3/2005

Joann M. Slavin

Laboratory Manager

BNLM157 A60