



Managed by Brookhaven Science Associates  
for the U.S. Department of Energy

June 10, 2005

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 May 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 May.
- Attachment II: May 2005 Biweekly and Second Quarter Water Quality Monitoring Data for the BNL Distribution System and Potable Water Wells.
- Attachment III: May 2005 Stage 1 Disinfectants & Disinfection Byproduct Rule Monitoring Data and Bacteriological Analyses for the BNL Distribution System.
- Attachment IV: 2005 First and Second Quarter Radiological Analyses for the BNL Potable Water Wells.
- Attachment V: 2005 Second Quarter Bacteriological Analyses for the BNL Potable Water Wells and GAC/Air Stripper Treatment Systems.
- Attachment VI: 2005 Second Quarter Principal Organic Compound Analyses for the BNL Potable Water Distribution System and Potable Water Wells.

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 available from the Environmental and Waste Management Services Division and Plant Engineering



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PROBING

Goode to Newcomer

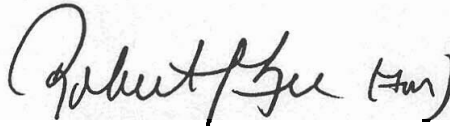
-2-

June 10, 2005

Divisions. Based on this information, we believe the values contained in these reports are representative of the BNL potable water system.

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

Sincerely,



George A. Goode  
Environmental & Waste Management Services  
Division Manager

GAG/MA:car

Attachments: As noted

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

File: EC61ER.05

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**ATTACHMENT I**  
**Brookhaven National Laboratory**  
**Potable Water Supply**  
**Monthly Operational Data for May 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: MAY

2005

LOCATION: **Water Treatment Facility**

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

Source: Ground Water

Does the system have a chlorination waiver? YES  NO

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl <sub>2</sub> Residual mg/l	Lime Sodium Hydroxide	Totalizer	
		Gallons	Cl <sub>2</sub> use per 24hrs				
1	0						39887
2	1,540	127	13	1.50	7.7		41427
3	580	123	4	0.72	7.7		42007
4	944	120	3	1.08	7.7		42951
5	1,087	112	8	1.40	7.7		44038
6	1,194	95	17	0.80	7.6		45232
7	0						
8	0						
9	3,112	92	3	0.85	7.3		48344
10	1,248	80	12	0.77	7.2		49592
11	1,244	70	10	1.00	7.3		50836
12	1,361	65	5	0.81	7.3		52197
13	1,476	55+135=190	10	0.95	7.4		53673
14	0						
15	0						
16	3,797	80	110	6.00	7.3		57470
17	1,357	70	10	0.50	7.5		58827
18	707	60	10	1.20	7.6		59534
19	687	55+145=200	5	0.75	7.5		60221
20	607	195	5	0.75	7.7		60828
21	0						
22	0						
23	1,870	185	10	0.85	7.7		62698
24	650	179	6	0.70	7.5		63348
25	642	172	7	0.83	7.7		63990
26	658	170	8	0.76	7.7		64648
27	600	165	5	0.92	7.8		65248
28	587	160	5	1.20	7.6		65835
29	0						
30	0						
31	2,013	140	20	1.29	7.7		67848
TOT	27,961		286				
AVG.	901.97		9.23	No. Days:	31		

Population Served **3,500**

Number of routine samples 4

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

Number of actual routine samples 7

Does a M&AR violation exist? YES  NO

If yes, check reason's below.

Actual number of samples fewer than required.

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

Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

If yes, check reason(s) below.

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

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

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

Reported by: *[Signature]*

Date: 6-2-05

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: MAY    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						
2	0	0	0	NR	NR	1648622	
3	0	0	0	NR	NR	1648622	
4	0	0	0	NR	NR	1648622	
5	0	0	0	NR	NR	1648622	
6	0	0	0	NR	NR	1648622	
7	0						
8	0						
9	0	0	0	NR	NR	1648622	
10	0	0	0	NR	NR	1648622	
11	0	0	0	NR	NR	1648622	
12	0	0	0	NR	NR	1648622	
13	0	0	0	NR	NR	1648622	
14	0					1648622	
15	0					1648622	
16	0	0	0	NR	NR	1648622	
17	0	0	0	NR	NR	1648622	
18	0	0	0	NR	NR	1648622	
19	0	0	0	NR	NR	1648622	
20	0	0	0	NR	NR	1648622	
21	0						
22	0						
23	0	0	0	NR	NR	1648622	
24	0	0	0	NR	NR	1648622	
25	0	0	0	NR	NR	1648622	
26	0	0	0	NR	NR	1648622	
27	0	0	0	NR	NR	1648622	
28	0	0	0	NR	NR	1648622	
29	0						
30	0						
31	0	0	0	NR	NR	1648622	
TOT	0		0				
AVG.	0.00		0.00	No. Days:	31		

Population Served 3,500

Number of routine samples 4

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

Number of actual routine samples 7

Does a M&AR violation exist?    YES     NO

If yes, check reason's below.

Actual number of samples fewer than required.

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

Failure to analyze repeat samples.

Does an MCL violation exist?    YES     NO

If yes, check reason(s) below.

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

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

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

Reported by: *J.D. Nass*

Date: 6-2-05

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: MAY 2005
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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 <sub>2</sub> Residual mg/l	Lime Sodium Hydroxide	Totalizer	
		Gallons	Cl <sub>2</sub> use per 24hrs				
1	0	141					542735
2	111	141	9	0.37	6.1		542846
3	88	126	15	0.38	6.1		542934
4	295	111	15	0.33	6.1		543229
5	456	96	16	0.38	6.1		543685
6	718	90+60	6	0.40	6.1		544403
7	0						
8	0						
9	882	90	60	1.00	6.3		545285
10	559	84	6	0.18	6		545844
11	251	84	0	1.20	6		546095
12	480	84+57	0	0.00	6		546575
13	727	120	21	1.20	6		547302
14	0						
15	0						
16	1,039	84	36	1.10	6		548341
17	472	69	15	0.46	6		548813
18	202	66	3	1.00	6		549015
19	28	60+90	6	0.50	6		549043
20	135	142	8	0.80	6		549178
21	0						
22	0						
23	107	135	7	0.80	6.1		549285
24	99	132	3	0.24	6.1		549384
25	41	132	0	0.30	6		549425
26	33	132	0	0.28	6.1		549458
27	67	132	0	NR	NR		549525
28	63	132	0	NR	NR		549588
29	0						
30	0						
31	166	126	6	0.10	6		549754
TOT	7,019		232				
AVG.	226.42		7.48	No. Days:	31		

Population Served 3,500

Number of routine samples 4

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

Number of actual routine samples 7

Does a M&AR violation exist? YES  NO

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: 6-2-05

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: MAY

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 Gallons	Free Cl <sub>2</sub> Residual Cl <sub>2</sub> use per 24hrs	Free Cl <sub>2</sub> Residual mg/l	Lime Sodium Hydroxide	Totalizer	
1	0						
2	1,774	93	29	0.37	6.1	1663826	
3	700	78	15	0.38	6.1	1664526	
4	769	60	18	0.33	6.1	1665295	
5	925	50	10	0.38	6.1	1666220	
6	1,073	21+129	29	0.40	6.1	1667293	
7	0						
8	0						
9	2,711	90	60	1.00	6.3	1670004	
10	1,138	72	18	0.18	6	1671142	
11	1,167	48	24	1.20	6	1672309	
12	1,219	0+150	48	0.00	6	1673528	
13	1,229	123	27	1.20	6	1674757	
14	0						
15	0						
16	3,412	39+39=78	84	1.10	6	1678169	
17	1,249	60	18	0.46	6	1679418	
18	805	42+108=150	18	1.00	6	1680223	
19	721	129+21=150	21	0.50	6	1680944	
20	659	140	10	0.80	6	1681603	
21	0						
22	0						
23	1,971	93	47	0.24	6.1	1683574	
24	746	75	18	0.35	6	1684320	
25	797	69	6	0.30	6	1685117	
26	699	54+96	15	0.28	6.1	1685816	
27	667	141	9	0.30	6.2	1686483	
28	576	132	9	1.50	6	1687059	
29	0						
30	0						
31	2,278	99	33	0.10	6	1689337	
TOT	27,285		566				
AVG.	880.16		18.26	No. Days:	31		

Population Served 3,500

Number of routine samples 4

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

Number of actual routine samples 7

Does a M&AR violation exist? YES  NO

If yes, check reason's below

Actual number of samples fewer than required.

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

Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

If yes, check reason(s) below.

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

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

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

Reported by: J. A. [Signature]

Date: 6-2-05

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: MAY

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 771139
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl2 Residual mg/l	Lime Sodium Hydroxide		
		Gallons	Cl2 use per 24hrs				
1	0						
2	0	0	0	NR	NR	771139	
3	0	0	0	NR	NR	771139	
4	0	0	0	NR	NR	771139	
5	0	0	0	NR	NR	771139	
6	0	0	0	NR	NR	771139	
7	0						
8	0						
9	0	0	0	NR	NR	771139	
10	0	0	0	NR	NR	771139	
11	0	0	0	NR	NR	771139	
12	0	0	0	NR	NR	771139	
13	0	0	0	NR	NR	771139	
14	0					771139	
15	0					771139	
16	0	0	0	NR	NR	771139	
17	0	0	0	NR	NR	771139	
18	0	0	0	NR	NR	771139	
19	0	0	0	NR	NR	771139	
20	0	0	0	NR	NR	771139	
21	0						
22	0						
23	0	0	0	NR	NR	771139	
24	0	0	0	NR	NR	771139	
25	0	0	0	NR	NR	771139	
26	0	0	0	NR	NR	771139	
27	0	0	0	NR	NR	771139	
28	0	0	0	NR	NR	771139	
29	0						
30	0						
31	0	0	0	NR	NR	771139	
TOT	0		0				
AVG.	0.00		0.00	No. Days:	31		

Population Served 3,500

Number of routine samples 4

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

Number of actual routine samples 7

Does a M&AR violation exist? YES  NO

If yes, check reason's below.

Actual number of samples fewer than required.

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

Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

If yes, check reason(s) below.

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

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

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

Reported by: *JH Ross*

Date: 6-2-05

Title: Water System Supervisor

Certification No. NY0031941

# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD: MAY 2005
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LOCATION: WELL NO. 11

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

Source: Ground Water

Does the system have a chlorination waiver? YES  NO

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer 630584
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl2 Residual mg/l	Lime Sodium Hydroxide		
		Gallons	Cl2 use per 24hrs				
1	0						
2	2,017	99	30	NR	NR	632601	
3	750	87	12	1.20	7	633351	
4	289	84	3	NR	NR	633640	
5	0	84	0	1.38	7.2	633640	
6	160	84	0	NR	NR	633800	
7	0						
8	0						
9	17	84	0	NR	NR	633817	
10	0	84	0	0.74	6.2	633817	
11	90	84	0	NR	6	633907	
12	0	84	0	NR	NR	633907	
13	0	84	0	NR	NR	633907	
14	0						
15	0						
16	809	84	0	NR	NR	634716	
17	56	84	0	0.88	6.5	634772	
18	558	69	15	1.00	NR	635330	
19	643	57+93=150	11	1.10	6.8	635973	
20	573	137	13	NR	NR	636546	
21	0						
22	0						
23	1,698	102	35	NR	NR	638244	
24	621	90	12	1.50	6.8	638865	
25	586	78	12	NR	NR	639451	
26	591	66+84	12	1.00	6.6	640042	
27	569	138	12	1.80	6.7	640611	
28	525	126	12	1.71	6.7	641136	
29	0						
30	0						
31	1,826	93	32	1.40	6.8	642962	
TOT	12,378		211				
AVG.	399.29		6.81	No. Days:	31		

Population Served 3,500

Number of routine samples 4

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

Number of actual routine samples 7

Does a M&AR violation exist? YES  NO

If yes, check reason's below.

Actual number of samples fewer than required.

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

Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

If yes, check reason(s) below.

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

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

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

Reported by: *JL Paris*

Date: 6-2-05

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: MAY

2005

LOCATION: WELL NO. 12

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

Source: Ground Water

Does the system have a chlorination waiver? YES  NO

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer
	Treated Water	Liquid Sodium Hypochlorite		Free Cl2 Residual	Lime Sodium	Totalizer	
		Gallons	Cl2 use per 24hrs				
1	0	72					737052
2	16	72	0	NR	NR		737068
3	0	72	0	1.02	7.2		737068
4	1	72	0	NR	NR		737069
5	0	72	0	0.91	7.3		737069
6	2	72	0	NR	NR		737071
7	0						
8	0						
9	0	72	0	NR	NR		737071
10	0	72	0	0.82	6.9		737071
11	3	72	0	NR	NR		737074
12	0	72	0	NR	NR		737074
13	0	72	0	NR	NR		737074
14	0						
15	0						
16	30	72	0	NR	NR		737104
17	0	72	0	7.30	6.1		737104
18	2	69	3	NR	NR		737106
19	0	69	0	NR	NR		737106
20	0	69	0	NR	NR		737106
21	0						
22	0						
23	0	69	0	NR	NR		737106
24	0	69	0	NR	NR		737106
25	2	69	0	NR	NR		737108
26	0	69	0	NR	NR		737108
27	47	69	0	NR	NR		737155
28	0	69	0	NR	NR		737155
29	0						
30	0						
31	0	69	0	NR	NR		737155
TOT	103		3				
AVG.	3.32		0.10	No. Days:	31		

Population Served 3,500

Number of routine samples 4

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

Number of actual routine samples 7

Does a M&AR violation exist? YES  NO

If yes, check reason's below.

Actual number of samples fewer than required.

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

Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

If yes, check reason(s) below.

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

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

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

Reported by: MA Ross

Date: 6-2-05

Title: Water Systems Supervisor

Certification No. NY0031941

5/31/2005  
Pump Data

MONTHLY GALLONAGE REPORT  
MAY2005.XLS

Date	Well 4	Well 6	Well 7	Well10	Well11	Well12	Daily Total
1	0	0	0	0	0	0	0
2	0	111	1,774	0	2,017	16	3,918
3	0	88	700	0	750	0	1,538
4	0	295	769	0	289	1	1,354
5	0	456	925	0	0	0	1,381
6	0	718	1,073	0	160	2	1,953
7	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0
9	0	882	2,711	0	17	0	3,610
10	0	559	1,138	0	0	0	1,697
11	0	251	1,167	0	90	3	1,511
12	0	480	1,219	0	0	0	1,699
13	0	727	1,229	0	0	0	1,956
14	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0
16	0	1,039	3,412	0	809	30	5,290
17	0	472	1,249	0	56	0	1,777
18	0	202	805	0	558	2	1,567
19	0	28	721	0	643	0	1,392
20	0	135	659	0	573	0	1,367
21	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0
23	0	107	1,971	0	1,698	0	3,776
24	0	99	746	0	621	0	1,466
25	0	41	797	0	586	2	1,426
26	0	33	699	0	591	0	1,323
27	0	67	667	0	569	47	1,350
28	0	63	576	0	525	0	1,164
29	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0
31	0	166	2,278	0	1,826	0	4,270
<b>Total</b>	<b>0</b>	<b>7,019</b>	<b>27,285</b>	<b>0</b>	<b>12,378</b>	<b>103</b>	<b>46,785</b>
		<b>Totalizer</b>	<b>Totalizer</b>		<b>Totalizer</b>		<b>Total(x1,000)</b>
		<b>This Month</b>	<b>Last Month</b>		<b>Gallons</b>		
	<b>Well 4</b>	1,648,622	1,648,622		0		
	<b>Well 6</b>	549,754	542,735		7,019		
	<b>Well 7</b>	1,689,337	1,662,052		27,285		
	<b>Well 10</b>	771,139	771,139		0		
	<b>Well 11</b>	642,962	630,584		12,378		
	<b>Well 12</b>	737,155	737,052		103		
<b>AGS Water Supply Meter</b>		<b>538,011</b>	<b>534,371</b>		<b>3640.00</b>		
<b>Medical Reactor - Well 105</b>		<b>0</b>	<b>0</b>		<b>0.00</b>		
<b>Biology Building - Well 9</b>		<b>679,277</b>	<b>679,277</b>		<b>0.00</b>		

**ATTACHMENT II**  
**Brookhaven National Laboratory**  
**Potable Water Supply**  
**May 2005 Biweekly and Second 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**  
**May 2005**

Sample Location	Sample Date	pH (SU)	Temperature (Degrees F)	Conductivity (µmhos)	Alkalinity (mg/L)	Calcium (mg/L)
WTP	5/3/05	7.7	56	148	ANR	ANR
WTP	5/5/05	7.7	56	142	ANR	ANR
WTP	5/10/05	7.2	55	132	ANR	ANR
WTP	5/12/05	7.3	55	145	ANR	ANR
WTP	5/17/05	7.5	56	152	ANR	ANR
WTP	5/18/05	7.5	56	154	ANR	ANR
WTP	5/24/05	7.5	54	148	ANR	ANR
WTP	5/26/05	7.7	54	143	ANR	ANR
WTP	5/31/05	7.7	53	152	ANR	ANR
Well 11	5/3/05	7.0	55	163	ANR	ANR
Well 11	5/5/05	7.2	56	159	ANR	ANR
Well 11	5/10/05	6.2	55	252	ANR	ANR
Well 11	5/17/05	6.5	55	171	ANR	ANR
Well 11	5/18/05	6.8	50	176	ANR	ANR
Well 11	5/24/05	6.8	56	152	ANR	ANR
Well 11	5/26/05	6.6	56	151	ANR	ANR
Well 11	5/31/05	6.8	55	168	ANR	ANR
Bldg. 49	4/8/05	7.5	59	136	17.2	5.78
Bldg. 363	4/8/05	7.8	55	143	12.5	6.21
Bldg. 640	4/8/05	7.2	59	129	28.9	6.43

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  
(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. : 0504213-001

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

Federal ID : 5111891

Client ID. : 19610-001

Collected : 4/8/2005 8:55:00 AM

Point No: 094-273

Received : 4/8/2005 3:22:00 PM

Location: B-49 Water Tower

Collected By CLIENT

Copy : Original

CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Specific Conductance	136		1	µmhos/cm		E120.1	04/08/2005
PH (FIELD)	7.5		1	pH Units		E150.1	04/08/2005
Temperature	15		1	°C		E170.1	04/08/2005
Calcium	5780		1	µg/L		E200.7	04/28/2005 9:36 AM
Total Coliform	Negative		1		Negative	M9223	04/09/2005 1:00 PM
E_Coliform	Absent		1		Absent	M9223	04/09/2005 1:00 PM
Alkalinity, Total (As CaCO3)	17.2		1	mg/L		M2320 B	04/11/2005 1:50 PM
Total Residual Chlorine	0.7		1	mg/L		M4500-CI G	04/08/2005

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

Date Reported : 5/2/2005

*Joann M. Slavina*  
Laboratory Manager

BNLM160 A25

# 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. : 0504213-003

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

Federal ID : 5111891

Client ID. : 19610-003

Collected : 4/8/2005 9:40:00 AM

Point No: 109-19

Received : 4/8/2005 3:22:00 PM

Location: B-363 Apt.Laundry

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	143		1	µmhos/cm		E120.1	04/08/2005
PH (FIELD)	7.8		1	pH Units		E150.1	04/08/2005
Temperature	13		1	°C		E170.1	04/08/2005
Calcium	6210		1	µg/L		E200.7	04/28/2005 10:12 AM
Alkalinity, Total (As CaCO3)	12.5		1	mg/L		M2320 B	04/11/2005 2:00 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 : 5/2/2005

*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. : 0504213-002

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

Federal ID : 5111891

Client ID. : 19610-002

Collected : 4/8/2005 9:05:00 AM

Point No: 076-408

Received : 4/8/2005 3:22:00 PM

Location: B-640 Water Tower

Collected By CLIENT

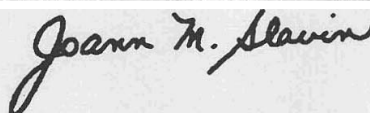
Copy : Original

CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Specific Conductance	129		1	µmhos/cm		E120.1	04/08/2005
PH (FIELD)	7.2		1	pH Units		E150.1	04/08/2005
Temperature	15		1	°C		E170.1	04/08/2005
Calcium	6430		1	µg/L		E200.7	04/28/2005 9:58 AM
Alkalinity, Total (As CaCO3)	28.9		1	mg/L		M2320 B	04/11/2005 1:55 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 : 5/2/2005



Laboratory Manager

BNLM160 A26

**ATTACHMENT III**

**Brookhaven National Laboratory**

**Potable Water Supply**

**May 2005 Stage 1 Disinfectants & Disinfection Byproduct Rule**

**Monitoring Data and Bacteriological Analyses for the BNL Distribution System**

**Attachment III**

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

Location	Total Residual Chlorine (mg/L)											
	June 04	July 04	Aug. 04	Sept. 04	Oct. 04	Nov. 04	Dec. 04	Jan. 05	Feb. 05	Mar. 05	Apr. 05	May 05
Bldg. 49 Water Tower	0.8	0.8	1.0	0.7	0.8	0.8	0.5	0.7	2.0	0.9	0.7	0.9
Bldg. 640 Water Tower	0.6	0.5	0.5	0.3	0.6	0.5	0.5	0.6	0.6	0.9	0.8	0.9
Bldg. 363 Apt. Laundry	0.4	0.6	0.5	0.6	0.5	0.5	0.4	0.6	0.7	0.9	0.7	0.7
Bldg. 1005 RHIC	0.5	0.6	0.5	0.5	0.5	0.5	0.4	0.5	0.6	1.1	0.7	1.0
Bldg. 930 LINAC	NS	0.8	NS	0.9	NS	0.8	NS	0.6	NS	1.0	NS	0.8
Bldg. 725 NSLS	0.8	NS	0.9	NS	0.7	NS	0.5	NS	0.7	NS	1	NS
Bldg. 490 Outpatient Clinic	NS	0.8	NS	0.7	NS	0.7	NS	0.7	NS	0.5	NS	1.0
Bldg. 490 Block 11	NS	0.6	NS	0.3	NS	0.8	NS	0.6	NS	0.4	NS	0.3
Bldg. 490 Block 1 ACF	0.6	NS	0.4	NS	0.8	NS	0.5	NS	0.5	NS	0.3	NS
Bldg. 490 Block 4 MRC	0.6	NS	0.9	NS	0.7	NS	0.5	NS	0.7	NS	0.8	NS
<b>Monthly Average</b>	0.6	0.7	0.7	0.6	0.7	0.7	0.5	0.6	0.8	0.8	0.7	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

Lab No. : 0505204-001

Sample Information...  
Type : Potable Water

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

Origin: Distribution

Client ID. : 19607-001

*Bidg. 49*

Collected : 5/6/2005 9:45:00 AM  
Received : 5/6/2005 2:00:00 PM  
Collected By CLIENT  
Copies To : Original  
CC

Parameter(s)	Results	Qualifier	D.F.	Units	Method Number	Analyzed
Total Coliform	Negative		1		Negative M9223	05/07/2005 1:00 PM
E_Coliform	Absent		1		Absent M9223	05/07/2005 1:00 PM
Total Residual Chlorine	0.9		1	mg/L	M4500-Cl G	05/06/2005

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

Date Reported : 5/18/2005

*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. : 0505204-002

Sample Information...  
Type : Potable Water

Origin: Distribution

Client ID. : 19607-002

Collected : 5/6/2005 9:00:00 AM  
Received : 5/6/2005 2:00:00 PM  
Collected By CLIENT  
Copies To : Original  
CC

Bldg. 640

Parameter(s)	Results	Qualifier	D.F.	Units	Method Number	Analyzed
Total Coliform	Negative		1		M9223	05/07/2005 1:00 PM
E_Coliform	Absent		1		M9223	05/07/2005 1:00 PM
Total Residual Chlorine	0.9		1	mg/L	M4500-CI G	05/06/2005

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

D.F. = Dilution Factor

Date Reported : 5/18/2005

*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. : 0505204-004

Sample Information...  
Type : Potable Water

Origin: Distribution

Client ID. : 19607-004

Bldg. 363

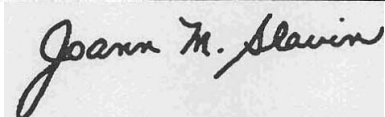
Collected : 5/6/2005 8:50:00 AM  
Received : 5/6/2005 2:00:00 PM  
Collected By CLIENT  
Copies To : Original  
CC

Parameter(s)	Results	Qualifier	D.F.	Units	Method Number	Analyzed
Total Coliform	Negative		1		M9223	05/07/2005 1:00 PM
E_Coliform	Absent		1		M9223	05/07/2005 1:00 PM
Total Residual Chlorine	0.7		1	mg/L	M4500-Cl G	05/06/2005

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

D.F. = Dilution Factor

Date Reported : 5/18/2005



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. : 0505204-003

Sample information...  
Type : Potable Water

Origin: Distribution

Client ID. : 19607-003

Bldg. 1005

Collected : 5/6/2005 9:10:00 AM  
Received : 5/6/2005 2:00:00 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	05/07/2005 1:00 PM
E_Coliform	Absent		1		Absent M9223	05/07/2005 1:00 PM
Total Residual Chlorine	1.0		1	mg/L	M4500-CI G	05/06/2005

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

Date Reported : 5/18/2005

*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. : 0505204-005

Sample Information...  
Type : Potable Water

Origin: Distribution

Client ID. : 19607-005

Collected : 5/6/2005 9:20:00 AM  
Received : 5/6/2005 2:00:00 PM  
Collected By CLIENT  
Copies To : Original  
CC

*Bldg 9930*

Parameter(s)	Results	Qualifier	D.F.	Units	Method Number	Analyzed
Total Coliform	Negative		1		M9223	05/07/2005 1:00 PM
E_Coliform	Absent		1		M9223	05/07/2005 1:00 PM
Total Residual Chlorine	0.8		1	mg/L	M4500-Cl G	05/06/2005

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

D.F. = Dilution Factor

Date Reported : 5/18/2005

*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. : 0505204-006

Sample Information...  
Type : Potable Water

Origin: Distribution

Client ID. : 19607-006

Collected : 5/6/2005 10:15:00 AM  
Received : 5/6/2005 2:00:00 PM  
Collected By CLIENT  
Copies To : Original  
CC

*Brdy. 410 - OPC*

<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	05/07/2005 1:00 PM
E_Coliform	Absent		1		Absent M9223	05/07/2005 1:00 PM
Total Residual Chlorine	1.0		1	mg/L	M4500-CI G	05/06/2005

Qualifiers: E - Value above quantitation range

D - Results for Dilution

D.F. = Dilution Factor

Date Reported : 5/18/2005

*Joann M. Alavin*

Laboratory Manager

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0505204-007

Sample Information...  
Type : Potable Water

Origin: Distribution

Client ID. : 19607-007

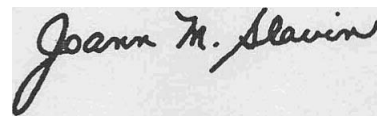
Bldg 490 Block 11

Collected : 5/6/2005 10:35:00 AM  
Received : 5/6/2005 2:00:00 PM  
Collected By CLIENT  
Copies To : Original  
CC

Parameter(s)	Results	Qualifier	D.F.	Units	Method Number	Analyzed
Total Coliform	Negative		1		Negative M9223	05/07/2005 1:00 PM
E_Coliform	Absent		1		Absent M9223	05/07/2005 1:00 PM
Total Residual Chlorine	0.3		1	mg/L	M4500-Cl G	05/06/2005

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

Date Reported : 5/18/2005



Laboratory Manager

**ATTACHMENT IV**

**Brookhaven National Laboratory**

**Potable Water Supply**

**2005 First and Second Quarter Radiological Analyses**

**for the BNL Potable Water Wells**

**ATTACHMENT IV**

**Table 3  
Summary of 2005 First and Second Quarter Radiological Analyses for the  
BNL Potable Water Wells**

Well ID	Sample Date	Gross Alpha (pCi/L)	Gross Beta (pCi/L)	Tritium (pCi/L)	Sr-90 (pCi/L)
Well # 6	1/20/05	< 1.6	< 1.9	< 240	< 0.59
Well #6 (Duplicate)	1/20/05	< 1.0	< 1.8	< 240	< 0.53
Well #7	1/20/05	< 1.1	< 1.7	< 240	< 0.56
Well # 11	1/20/05	< 1.2	< 1.7	< 240	< 0.52
Well # 12	1/20/05	< 1.4	< 1.8	< 240	< 0.61
Well # 6	4/20/05	< 1.2	< 1.9	< 300	< 0.48
Well #7	4/20/05	< 1.2	< 1.9	< 300	< 0.53
Well #7 (Duplicate)	4/20/05	< 0.89	< 2.1	< 300	< 0.47
Well #10	4/20/05	< 1.1	< 1.9	< 300	< 0.56
Well # 11	4/20/05	< 1.0	< 1.8	< 300	< 0.53
Well # 12	4/20/05	< 1.1	< 1.8	< 300	< 0.49

NA – Not Analyzed

NS – Not Sampled/Shutdown

\* - The reported concentration is estimated at less than the method detection limit but greater than the instrument detection limit.

**Brookhaven National Labs  
Client Sample ID: 20452-003**

**Severn Trent Laboratories - Radiochemistry**

Lab Sample ID: F5A210259-003  
Work Order: G22AT  
Matrix: WATER

Date Collected: 01/20/05 0917  
Date Received: 01/21/05 0840

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	MDC	Prep Date	Analysis Date	Batch #	Yld %
<b>Gamma Cs-137 &amp; Hits by EPA 901.1 MOD</b>					<b>pCi/L</b>		<b>901.1 MOD</b>	
Americium 241	1.3	U	8.7	15	02/01/05	02/04/05	5032331	
Beryllium 7	-2	U	41	75	02/01/05	02/04/05	5032331	
Cesium 134	-1.8	U	7.6	13	02/01/05	02/04/05	5032331	
Cesium 137	-1.7	U	6.0	11	02/01/05	02/04/05	5032331	
Cobalt 57	0.5	U	26	45	02/01/05	02/04/05	5032331	
Cobalt 60	1.3	U	7.1	15	02/01/05	02/04/05	5032331	
Europium 152	-10	U	16	27	02/01/05	02/04/05	5032331	
Europium 154	22	U	47	100	02/01/05	02/04/05	5032331	
Europium 155	-5	U	11	18	02/01/05	02/04/05	5032331	
Manganese 54	-0.2	U	6.5	12	02/01/05	02/04/05	5032331	
Sodium 22	-4.1	U	5.7	9.3	02/01/05	02/04/05	5032331	
Zinc 65	4	U	14	29	02/01/05	02/04/05	5032331	
<b>SR-90 BY GFPC EPA-905 MOD</b>					<b>pCi/L</b>		<b>905 MOD</b>	
Strontium 90	-0.27	U	0.33	0.59	01/24/05	02/01/05	5024234	64
<del><b>GROSS A/B BY GFPC EPA 906.0 MOD</b></del>					<del><b>pCi/L</b></del>		<del><b>906.0 MOD</b></del>	
<del>Gross Alpha</del>	<del>0.83</del>	<del>U</del>	<del>0.77</del>	<del>1.2</del>	<del>01/26/05</del>	<del>01/29/05</del>	<del>5026067</del>	
<del>Gross Beta</del>	<del>1.3</del>	<del>U</del>	<del>1.1</del>	<del>1.7</del>	<del>01/26/05</del>	<del>01/29/05</del>	<del>5026067</del>	
<b>TRITIUM (Distill) by EPA 906.0 MOD</b>					<b>pCi/L</b>		<b>906.0 MOD</b>	
Tritium	150	U	160	240	01/25/05	01/26/05	5025075	

Well #6  
See next sheet for analysis results of gross alpha + beta.

**NOTE(S)**

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.



STL ST LOUIS

Brookhaven National Labs

Client Sample ID: 20452-003

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: F5E100167-001  
Work Order: G967N  
Matrix: WATER

Date Collected: 01/20/05 0917  
Date Received: 05/10/05 1200

Parameter	Result	Qual	Total Uncert. (2 $\sigma$ +/-)	MDC	Prep Date	Analysis Date	Batch #	Yld %
GROSS A/B BY GFPC EPA 900.0 MOD				pCi/L		900.0 MOD		
Gross Alpha	0.63	U	0.95	1.6	05/10/05	05/14/05	5130280	
Gross Beta	0.3	U	1.1	1.9	05/10/05	05/14/05	5130280	

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

LOT # F5E100167-20425

Brookhaven National Labs

Client Sample ID: 20452-005

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: F5A210259-005  
 Work Order: G22A0  
 Matrix: WATER

Date Collected: 01/20/05 0000  
 Date Received: 01/21/05 0840

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	MDC	Prep Date	Analysis Date	Batch #	Yld %
<b>Gamma Cs-137 &amp; Hits by EPA 901.1 MOD</b>					<b>pCi/L</b>		<b>901.1 MOD</b>	
Americium 241	4.4	U	8.0	15	02/01/05	02/04/05	5032331	
Beryllium 7	13	U	43	83	02/01/05	02/04/05	5032331	
Cesium 134	-4.7	U	6.1	10	02/01/05	02/04/05	5032331	
Cesium 137	1.0	U	6.3	12	02/01/05	02/04/05	5032331	
Cobalt 57	-26	U	26	41	02/01/05	02/04/05	5032331	
Cobalt 60	-0.2	U	8.6	17	02/01/05	02/04/05	5032331	
Europium 152	16	U	15	31	02/01/05	02/04/05	5032331	
Europium 154	-4	U	53	100	02/01/05	02/04/05	5032331	
Europium 155	-2	U	12	21	02/01/05	02/04/05	5032331	
Manganese 54	1.7	U	6.5	13	02/01/05	02/04/05	5032331	
Sodium 22	1.4	U	5.7	12	02/01/05	02/04/05	5032331	
Zinc 65	-5	U	17	30	02/01/05	02/04/05	5032331	
<b>SR-90 BY GFPC EPA-905 MOD</b>					<b>pCi/L</b>		<b>905 MOD</b>	
Strontium 90	0.20	U	0.32	0.53	01/24/05	02/01/05	5024234	66
<del><b>GROSS A/B BY GFPC EPA 900.0 MOD</b></del>					<del><b>pCi/L</b></del>		<del><b>900.0 MOD</b></del>	
<del>Gross Alpha</del>	<del>-0.11</del>	<del>U</del>	<del>0.81</del>	<del>1.5</del>	<del>01/26/05</del>	<del>01/29/05</del>	<del>5026067</del>	
<del>Gross Beta</del>	<del>4.3</del>		<del>1.4</del>	<del>1.9</del>	<del>01/26/05</del>	<del>01/29/05</del>	<del>5026067</del>	
<b>TRITIUM (Distill) by EPA 906.0 MOD</b>					<b>pCi/L</b>		<b>906.0 MOD</b>	
Tritium	30	U	140	240	01/25/05	01/26/05	5025075	

Well #6-Duplicate  
 See next sheet for analysis results of gross alpha & beta.

NOTE(S)

- Data are incomplete without the case narrative.
- MDC is determined by instrument performance only.
- Bold results are greater than the MDC
- U Result is less than the sample detection limit.

Brookhaven National Labs

Client Sample ID: 20452-005

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: F5E100167-003  
Work Order: G968C  
Matrix: WATER

Date Collected: 01/20/05 0000  
Date Received: 05/10/05 1200

Parameter	Result	Qual	Total Uncert. (2 $\sigma$ +/-)	MDC	Prep Date	Analysis Date	Batch #	Yld %
GROSS A/B BY GFPC EPA 900.0 MOD					pCi/L	900.0 MOD		
Gross Alpha	0.75	U	0.68	1.0	05/10/05	05/14/05	5130280	
Gross Beta	0.4	U	1.0	1.8	05/10/05	05/14/05	5130280	

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

Brookhaven National Labs

Client Sample ID: 20452-004

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: F5A210259-004  
 Work Order: G22AW  
 Matrix: WATER

Date Collected: 01/20/05 0925  
 Date Received: 01/21/05 0840

Parameter	Result	Qual	Total Uncert. (2 $\sigma$ +/-)	MDC	Prep Date	Analysis Date	Batch #	Yld %
<b>Gamma Cs-137 &amp; Hits by EPA 901.1 MOD</b>					<b>pCi/L</b>		<b>901.1 MOD</b>	
Americium 241	-6.0	U	8.0	13	02/01/05	02/04/05	5032331	
Beryllium 7	6	U	44	84	02/01/05	02/04/05	5032331	
Cesium 134	-3.1	U	6.5	11	02/01/05	02/04/05	5032331	
Cesium 137	7.4	U	6.0	13	02/01/05	02/04/05	5032331	
Cobalt 57	-4	U	27	48	02/01/05	02/04/05	5032331	
Cobalt 60	2.1	U	7.5	16	02/01/05	02/04/05	5032331	
Europium 152	6	U	16	30	02/01/05	02/04/05	5032331	
Europium 154	16	U	56	110	02/01/05	02/04/05	5032331	
Europium 155	-13	U	13	20	02/01/05	02/04/05	5032331	
Manganese 54	-1.3	U	6.0	11	02/01/05	02/04/05	5032331	
Sodium 22	-4.0	U	7.7	14	02/01/05	02/04/05	5032331	
Zinc 65	-2	U	15	28	02/01/05	02/04/05	5032331	
<b>SR-90 BY GFPC EPA-905 MOD</b>					<b>pCi/L</b>		<b>905 MOD</b>	
Strontium 90	0.19	U	0.34	0.56	01/24/05	02/01/05	5024234	63
<del><b>GROSS A/B BY GFPC EPA 906.0 MOD</b></del>					<del><b>pCi/L</b></del>		<del><b>906.0 MOD</b></del>	
<del>Gross Alpha</del>	<del>0.68</del>	<del>U</del>	<del>0.98</del>	<del>1.5</del>	<del>01/26/05</del>	<del>01/29/05</del>	<del>5026067</del>	
<del>Gross Beta</del>	<del>4.5</del>		<del>1.3</del>	<del>1.7</del>	<del>01/26/05</del>	<del>01/29/05</del>	<del>5026067</del>	
<b>TRITIUM (Distill) by EPA 906.0 MOD</b>					<b>pCi/L</b>		<b>906.0 MOD</b>	
Tritium	90	U	150	240	01/25/05	01/26/05	5025075	

Well #7 -

See next sheet for analyses results of gross alpha & beta

NOTE(S)

- Data are incomplete without the case narrative.
- MDC is determined by instrument performance only.
- Bold results are greater than the MDC
- U Result is less than the sample detection limit.

STL ST LOUIS

Brookhaven National Labs  
Client Sample ID: 20452-004

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: F5E100167-002  
Work Order: G968A  
Matrix: WATER

Date Collected: 01/20/05 0925  
Date Received: 05/10/05 1200

Parameter	Result	Qual	Total Uncert. (2 $\sigma$ +/-)	MDC	Prep Date	Analysis Date	Batch #	Yld %
GROSS A/B BY GFPC EPA 900.0 MCD					pCi/L	900.0 MCD		
Gross Alpha	1.02	U	0.76	1.1	05/10/05	05/14/05	5130280	
Gross Beta	0.8	U	1.0	1.7	05/10/05	05/14/05	5130280	

**NOTE(S)**

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

LOT # F5E100167-20425

## Brookhaven National Labs

Client Sample ID: 20452-002

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: F5A210259-002  
 Work Order: G22AO  
 Matrix: WATER

Date Collected: 01/20/05 0939  
 Date Received: 01/21/05 0840

Parameter	Result	Qual	Total Uncert. (2 $\sigma$ +/-)	MDC	Prep Date	Analysis Date	Batch #	Yld %
<b>Gamma Cs-137 &amp; Hits by EPA 901.1 MOD</b>				<b>pCi/L</b>	<b>901.1 MOD</b>			
Americium 241	1.5	U	7.7	14	02/01/05	02/04/05	5032331	
Beryllium 7	-35	U	48	79	02/01/05	02/04/05	5032331	
Cesium 134	-0.6	U	6.2	11	02/01/05	02/04/05	5032331	
Cesium 137	3.8	U	8.6	17	02/01/05	02/04/05	5032331	
Cobalt 57	-16	U	28	46	02/01/05	02/04/05	5032331	
Cobalt 60	-2.3	U	7.9	15	02/01/05	02/04/05	5032331	
Europium 152	-3	U	16	28	02/01/05	02/04/05	5032331	
Europium 154	-6	U	52	97	02/01/05	02/04/05	5032331	
Europium 155	-1	U	12	20	02/01/05	02/04/05	5032331	
Manganese 54	-6.5	U	7.3	12	02/01/05	02/04/05	5032331	
Sodium 22	-3.8	U	9.6	17	02/01/05	02/04/05	5032331	
Zinc 65	-2	U	16	30	02/01/05	02/04/05	5032331	
<b>SR-90 BY GFPC EPA-905 MOD</b>				<b>pCi/L</b>	<b>905 MOD</b>			
Strontium 90	0.10	U	0.31	0.52	01/24/05	02/01/05	5024234	71
<b>GROSS A/B BY GFPC EPA 900.0 MOD</b>				<b>pCi/L</b>	<b>900.0 MOD</b>			
Gross Alpha	0.25	U	0.68	1.2	01/26/05	01/29/05	5026067	
Gross Beta	1.5	U	1.1	1.7	01/26/05	01/29/05	5026067	
<b>TRITIUM (Distill) by EPA 906.0 MOD</b>				<b>pCi/L</b>	<b>906.0 MOD</b>			
Tritium	130	U	150	240	01/25/05	01/26/05	5025075	

Well # 11

## NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

STL ST. LOUIS

Brookhaven National Labs

Client Sample ID: 20452-001

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: F5A210259-001  
Work Order: G22AG  
Matrix: WATER

Date Collected: 01/20/05 0945  
Date Received: 01/21/05 0840

Parameter	Result	Qual	Total Uncert. (2 $\sigma$ +/-)	MDC	Prep Date	Analysis Date	Batch #	Yld %
<b>Gamma Cs-137 &amp; Hits by EPA 901.1 MOD</b>					<b>pCi/L</b>		<b>901.1 MOD</b>	
Americium 241	4.8	U	8.3	15	02/01/05	02/04/05	5032331	
Beryllium 7	16	U	44	86	02/01/05	02/04/05	5032331	
Cesium 134	-8.7	U	6.8	9.9	02/01/05	02/04/05	5032331	
Cesium 137	5.8	U	6.7	14	02/01/05	02/04/05	5032331	
Cobalt 57	3	U	27	49	02/01/05	02/04/05	5032331	
Cobalt 60	2.1	U	7.0	15	02/01/05	02/04/05	5032331	
Europium 152	-6	U	16	28	02/01/05	02/04/05	5032331	
Europium 154	-23	U	53	93	02/01/05	02/04/05	5032331	
Europium 155	-0.2	U	12	21	02/01/05	02/04/05	5032331	
Manganese 54	-1.9	U	6.9	12	02/01/05	02/04/05	5032331	
Sodium 22	2.6	U	6.3	14	02/01/05	02/04/05	5032331	
Zinc 65	-0.01	U	16	31	02/01/05	02/04/05	5032331	
<b>SR-90 BY GFPC EPA-905 MOD</b>					<b>pCi/L</b>		<b>905 MOD</b>	
Strontium 90	0.21	U	0.37	0.61	01/24/05	02/01/05	5024234	70
<b>GROSS A/B BY GFPC EPA 900.0</b>					<b>pCi/L</b>		<b>900.0 MOD</b>	
Gross Alpha	0.01	U	0.76	1.4	01/26/05	01/29/05	5026067	
Gross Beta	1.7	U	1.1	1.8	01/26/05	01/29/05	5026067	
<b>TRITIUM (Distill) by EPA 906.0 MOD</b>					<b>pCi/L</b>		<b>906.0 MOD</b>	
Tritium	160	U	150	240	01/25/05	01/26/05	5025075	

Well #12

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

STL ST.LOUIS

Brookhaven National Labs

Client Sample ID: 20599-003

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: F5D220206-003  
Work Order: G80TL  
Matrix: WATER

Date Collected: 04/20/05 0900  
Date Received: 04/22/05 0900

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	MDC	Prep Date	Analysis Date	Batch #	Yld %
<b>Gamma Cs-137 &amp; Hits by EPA 901.1 MOD</b>				<b>pCi/L</b>	<b>901.1 MOD</b>			
Americium 241	2.5	U	7.4	13	04/25/05	04/26/05	5115103	
Beryllium 7	38	U	35	72	04/25/05	04/26/05	5115103	
Cesium 134	-7.5	U	5.7	8.8	04/25/05	04/26/05	5115103	
Cesium 137	2.5	U	5.6	11	04/25/05	04/26/05	5115103	
Cobalt 57	14	U	22	41	04/25/05	04/26/05	5115103	
Cobalt 60	-1.7	U	4.9	9.0	04/25/05	04/26/05	5115103	
Europium 152	0.9	U	11	21	04/25/05	04/26/05	5115103	
Europium 154	26	U	45	91	04/25/05	04/26/05	5115103	
Europium 155	0.7	U	10	18	04/25/05	04/26/05	5115103	
Manganese 54	-1.9	U	4.4	7.7	04/25/05	04/26/05	5115103	
Sodium 22	0.1	U	6.1	12	04/25/05	04/26/05	5115103	
Zinc 65	0.09	U	12	23	04/25/05	04/26/05	5115103	
<b>SR-90 BY GFPC EPA-905 MOD</b>				<b>pCi/L</b>	<b>905 MOD</b>			
Strontium 90	-0.08	U	0.28	0.48	04/25/05	05/10/05	5115373	86
<b>GROSS A/B BY GFPC EPA 900.0 MOD</b>				<b>pCi/L</b>	<b>900.0 MOD</b>			
Gross Alpha	0.18	U	0.68	1.2	04/26/05	04/29/05	5116108	
Gross Beta	1	U	1.2	1.9	04/26/05	04/29/05	5116108	
<b>TRITIUM (Distill) by EPA 906.0 MOD</b>				<b>pCi/L</b>	<b>906.0 MOD</b>			
Tritium	-0.5	U	21	300	04/29/05	05/01/05	5119179	

Well #6

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.



STL ST. LOUIS

Brookhaven National Labs

Client Sample ID: 20599-004

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: F5D220206-004  
Work Order: G80TR  
Matrix: WATER

Date Collected: 04/20/05 0850  
Date Received: 04/22/05 0900

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	MDC	Prep Date	Analysis Date	Batch #	Yld %
<b>Gamma Cs-137 &amp; Hits by EPA 901.1 MOD</b>				<b>pCi/L</b>	<b>901.1 MOD</b>			
Americium 241	5.7	U	7.6	14	04/25/05	04/26/05	5115103	
Beryllium 7	18	U	42	78	04/25/05	04/26/05	5115103	
Cesium 134	1.6	U	4.9	9.0	04/25/05	04/26/05	5115103	
Cesium 137	-0.4	U	5.3	9.8	04/25/05	04/26/05	5115103	
Cobalt 57	16	U	25	46	04/25/05	04/26/05	5115103	
Cobalt 60	4.9	U	5.6	13	04/25/05	04/26/05	5115103	
Europium 152	4	U	14	25	04/25/05	04/26/05	5115103	
Europium 154	-0.8	U	45	85	04/25/05	04/26/05	5115103	
Europium 155	-4	U	10	17	04/25/05	04/26/05	5115103	
Manganese 54	2.0	U	5.1	10	04/25/05	04/26/05	5115103	
Sodium 22	-7.3	U	5.5	7.4	04/25/05	04/26/05	5115103	
Zinc 65	2	U	11	22	04/25/05	04/26/05	5115103	
<b>SR-90 BY GFPC EPA-905 MOD</b>				<b>pCi/L</b>	<b>905 MOD</b>			
Strontium 90	0.13	U	0.32	0.53	04/25/05	05/10/05	5115373	78
<b>GROSS A/B BY GFPC EPA 900.0 MOD</b>				<b>pCi/L</b>	<b>900.0 MOD</b>			
Gross Alpha	0.86	U	0.77	1.2	04/26/05	04/29/05	5116108	
Gross Beta	0.8	U	1.2	1.9	04/26/05	04/29/05	5116108	
<b>TRITIUM (Distill) by EPA 906.0 MOD</b>				<b>pCi/L</b>	<b>906.0 MOD</b>			
Tritium	-30	U	200	300	04/29/05	05/01/05	5119179	

Wkel #7

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

STL ST.LOUIS

**Brookhaven National Labs**  
**Client Sample ID: 20599-005**

**Severn Trent Laboratories - Radiochemistry**

Lab Sample ID: F5D220206-005      Date Collected: 04/20/05 0000  
Work Order: G80T2      Date Received: 04/22/05 0900  
Matrix: WATER

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	MDC	Prep Date	Analysis Date	Batch #	Yld %
<b>Gamma Cs-137 &amp; Hits by EPA 901.1 MOD</b>					<b>pCi/L</b>		<b>901.1 MOD</b>	
Americium 241	3.0	U	7.5	14	04/25/05	04/26/05	5115103	
Beryllium 7	-33	U	40	64	04/25/05	04/26/05	5115103	
Cesium 134	-5.7	U	5.2	8.1	04/25/05	04/26/05	5115103	
Cesium 137	3.4	U	5.0	10	04/25/05	04/26/05	5115103	
Cobalt 57	-5	U	24	41	04/25/05	04/26/05	5115103	
Cobalt 60	-5.2	U	5.4	8.2	04/25/05	04/26/05	5115103	
Europium 152	-6	U	12	21	04/25/05	04/26/05	5115103	
Europium 154	-6	U	46	86	04/25/05	04/26/05	5115103	
Europium 155	1	U	11	19	04/25/05	04/26/05	5115103	
Manganese 54	-1.5	U	5.7	10	04/25/05	04/26/05	5115103	
Sodium 22	-1.2	U	6.3	12	04/25/05	04/26/05	5115103	
Zinc 65	-2.4	U	9.4	18	04/25/05	04/26/05	5115103	
<b>SR-90 BY GFPC EPA-905 MOD</b>					<b>pCi/L</b>		<b>905 MOD</b>	
Strontium 90	-0.11	U	0.27	0.47	04/25/05	05/10/05	5115373	86
<b>GROSS A/B BY GFPC EPA 900.0 MOD</b>					<b>pCi/L</b>		<b>900.0 MOD</b>	
Gross Alpha	0.62	U	0.58	0.89	04/26/05	04/29/05	5116108	
Gross Beta	0.6	U	1.3	2.1	04/26/05	04/29/05	5116108	
<b>TRITIUM (Distill) by EPA 906.0 MOD</b>					<b>pCi/L</b>		<b>906.0 MOD</b>	
Tritium	50	U	150	300	04/29/05	05/01/05	5119179	

*Well #7 - Duplicate*

**NOTE(S)**

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit

## Brookhaven National Labs

Client Sample ID: 20599-006

## Severn Trent Laboratories - Radiochemistry

Lab Sample ID: F5D220206-006  
 Work Order: G80T7  
 Matrix: WATER

Date Collected: 04/20/05 1315  
 Date Received: 04/22/05 0900

Parameter	Result	Qual	Total Uncert. (2 $\sigma$ /-)	MDC	Prep Date	Analysis Date	Batch #	Yld %
<b>Gamma Cs-137 &amp; Hits by EPA 901.1 MOD</b>				<b>pCi/L</b>	<b>901.1 MOD</b>			
Americium 241	0.7	U	8.0	14	04/25/05	04/26/05	5115103	
Beryllium 7	30	U	41	79	04/25/05	04/26/05	5115103	
Cesium 134	-1.9	U	5.4	9.4	04/25/05	04/26/05	5115103	
Cesium 137	-1.2	U	5.2	9.3	04/25/05	04/26/05	5115103	
Cobalt 57	5	U	24	43	04/25/05	04/26/05	5115103	
Cobalt 60	-2.5	U	5.7	10	04/25/05	04/26/05	5115103	
Europium 152	-9	U	14	24	04/25/05	04/26/05	5115103	
Europium 154	-8	U	47	87	04/25/05	04/26/05	5115103	
Europium 155	-1	U	11	19	04/25/05	04/26/05	5115103	
Manganese 54	-1.3	U	5.1	9.0	04/25/05	04/26/05	5115103	
Sodium 22	-5.0	U	4.4	6.1	04/25/05	04/26/05	5115103	
Zinc 65	-8	U	12	20	04/25/05	04/26/05	5115103	
<b>SR-90 BY GFPC EPA-905 MOD</b>				<b>pCi/L</b>	<b>905 MOD</b>			
Strontium 90	-0.12	U	0.32	0.56	04/25/05	05/10/05	5115373	80
<b>GROSS A/B BY GFPC EPA 900.0 MOD</b>				<b>pCi/L</b>	<b>900.0 MOD</b>			
Gross Alpha	0.18	U	0.58	1.1	04/26/05	04/29/05	5116108	
Gross Beta	-0.3	U	1.1	1.9	04/26/05	04/29/05	5116108	
<b>TRITIUM (Distill) by EPA 906.0 MOD</b>				<b>pCi/L</b>	<b>906.0 MOD</b>			
Tritium	90	U	190	300	04/29/05	05/01/05	5119179	

Wen #10

## NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

**Brookhaven National Labs**

**Client Sample ID: 20599-002**

**Severn Trent Laboratories - Radiochemistry**

Lab Sample ID: F5D220206-002  
 Work Order: G80TF  
 Matrix: WATER

Date Collected: 04/20/05 0915  
 Date Received: 04/22/05 0900

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	MDC	Prep Date	Analysis Date	Batch #	YLD %
<b>Gamma Cs-137 &amp; Hits by EPA 901.1 MOD</b>					<b>pCi/L</b>		<b>901.1 MOD</b>	
Americium 241	0.03	U	7.2	12	04/25/05	04/26/05	5115103	
Beryllium 7	20	U	36	71	04/25/05	04/26/05	5115103	
Cesium 134	-4.0	U	5.6	9.4	04/25/05	04/26/05	5115103	
Cesium 137	0.6	U	5.4	10	04/25/05	04/26/05	5115103	
Cobalt 57	-7	U	21	35	04/25/05	04/26/05	5115103	
Cobalt 60	0.6	U	6.4	13	04/25/05	04/26/05	5115103	
Europium 152	-2	U	11	21	04/25/05	04/26/05	5115103	
Europium 154	-19	U	45	79	04/25/05	04/26/05	5115103	
Europium 155	-1.9	U	9.7	17	04/25/05	04/26/05	5115103	
Manganese 54	0.5	U	5.2	10	04/25/05	04/26/05	5115103	
Sodium 22	3.0	U	5.5	12	04/25/05	04/26/05	5115103	
Zinc 65	-5	U	11	20	04/25/05	04/26/05	5115103	
<b>SR-90 BY GFPC EPA-905 MOD</b>					<b>pCi/L</b>		<b>905 MOD</b>	
Strontium 90	-0.05	U	0.31	0.53	04/25/05	05/10/05	5115373	77
<b>GROSS A/B BY GFPC EPA 900.0 MOD</b>					<b>pCi/L</b>		<b>900.0 MOD</b>	
Gross Alpha	0.16	U	0.55	1.0	04/26/05	04/29/05	5116108	
Gross Beta	0.5	U	1.1	1.8	04/26/05	04/29/05	5116108	
<b>TRITIUM (Distill) by EPA 906.0 MOD</b>					<b>pCi/L</b>		<b>906.0 MOD</b>	
Tritium	130	U	180	300	04/29/05	05/01/05	5119179	

*Well #11*

**NOTE(S)**  
 Data are incomplete without the case narrative.  
 MDC is determined by instrument performance only.  
 Bold results are greater than the MDC  
 U Result is less than the sample detection limit.

## Brookhaven National Labs

Client Sample ID: 20599-001

## Severn Trent Laboratories - Radiochemistry

Lab Sample ID: F5D220206-001  
 Work Order: G80R3  
 Matrix: WATER

Date Collected: 04/20/05 0920  
 Date Received: 04/22/05 0900

Parameter	Result	Qual	Total Uncert. (2 $\sigma$ +/-)	MDC	Prep Date	Analysis Date	Batch #	Yld %
<b>Gamma Cs-137 &amp; Hits by EPA 901.1 MOD</b>				<b>pCi/L</b>	<b>901.1 MOD</b>			
Americium 241	-2.7	U	6.9	12	04/25/05	04/26/05	5115103	
Beryllium 7	2	U	35	64	04/25/05	04/26/05	5115103	
Cesium 134	2.4	U	4.8	9.0	04/25/05	04/26/05	5115103	
Cesium 137	4.9	U	6.4	14	04/25/05	04/26/05	5115103	
Cobalt 57	-19	U	21	35	04/25/05	04/26/05	5115103	
Cobalt 60	4.7	U	7.0	15	04/25/05	04/26/05	5115103	
Europium 152	8	U	11	22	04/25/05	04/26/05	5115103	
Europium 154	-14	U	52	94	04/25/05	04/26/05	5115103	
Europium 155	4.8	U	9.2	17	04/25/05	04/26/05	5115103	
Manganese 54	-1.9	U	5.0	8.7	04/25/05	04/26/05	5115103	
Sodium 22	-2.3	U	5.3	9.4	04/25/05	04/26/05	5115103	
Zinc 65	-10	U	12	18	04/25/05	04/26/05	5115103	
<b>SR-90 BY GFPC EPA-905 MOD</b>				<b>pCi/L</b>	<b>905 MOD</b>			
Strontium 90	0.40	U	0.31	0.49	04/25/05	05/10/05	5115373	77
<b>GROSS A/B BY GFPC EPA 900.0 MOD</b>				<b>pCi/L</b>	<b>900.0 MOD</b>			
Gross Alpha	0.0	U	0.16	1.1	04/26/05	04/29/05	5116108	
Gross Beta	0.4	U	1.1	1.8	04/26/05	04/29/05	5116108	
<b>TRITIUM (Distill) by EPA 906.0 MOD</b>				<b>pCi/L</b>	<b>906.0 MOD</b>			
Tritium	180	U	180	300	04/29/05	05/01/05	5119179	

Well #12

## NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

**ATTACHMENT V**

**Brookhaven National Laboratory**

**Potable Water Supply**

**2005 Second 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

Lab No. : 0504213-009A

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

Attn To : Marcia Allocco

Client ID. : 19610-010

Federal ID 5111891

Collected : 4/8/05 10:20:00 AM

Point No : 093-07

Received : 4/8/05 3:22:00 PM

Location : Well #8 Raw

Collected By : CLIENT

Copy : Original

CC

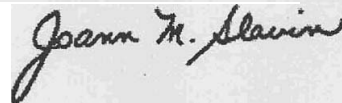
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Total Coliform	Negative		1		Negative	M9223	04/09/2005 1:00 PM
E_Coliform	Absent		1		Absent	M9223	04/09/2005 1:00 PM

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

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

D.F. = Dilution Factor

Date Reported : 5/2/05



Laboratory Manager

# H2M LABS, INC.

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

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Marcia Allocco

Federal ID 5111891

Collected : 4/8/05 10:30:00 AM

Received : 4/8/05 3:22:00 PM

Collected By : CLIENT

Copy : Original

CC

## LABORATORY RESULTS

Lab No. : 0504213-010A

Sample Information....

Type : Potable Water

Origin : Raw Well

Routine

Client ID. : 19610-011

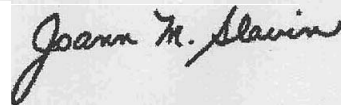
Point No : 092-03

Location : Well #7 Raw

<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	04/09/2005 1:00 PM
E_Coliform	Absent		1		Absent	M9223	04/09/2005 1:00 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 : 5/2/05



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**

**Federal ID 5111891**

**Collected : 4/8/05 10:45:00 AM**

**Received : 4/8/05 3:22:00 PM**

**Collected By : CLIENT**

**Copy : Original**

**CC**

**Lab No. : 0504213-011A**

**Sample Information...**

Type : Potable Water

Origin : Raw Well

Routine

**Client ID. : 19610-012**

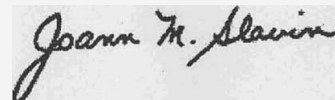
**Point No : 055-09**

**Location : Well #10 Raw**

<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	04/09/2005 1:00 PM
E_Coliform	Absent		1		Absent	M9223	04/09/2005 1:00 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 : 5/2/05



Laboratory Manager

# H2M LABS, INC.

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

Brookhaven National Lab.-BNLM  
70 Bell Ave.

Upton, NY 11973

Attn To : Marcia Allocco

Federal ID 5111891

Collected : 4/8/05 10:55:00 AM

Received : 4/8/05 3:22:00 PM

Collected By : CLIENT

Copy : Original

CC

## LABORATORY RESULTS

Lab No. : 0504213-012A

Sample Information...

Type : Potable Water

Origin : Raw Well

Routine

Client ID. : 19610-013

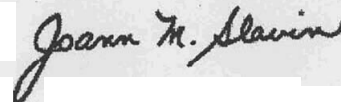
Point No : 056-19

Location : Well #11 Raw

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Total Coliform	Negative		1		Negative	M9223	04/09/2005 1:00 PM
E_Coliform	Absent		1		Absent	M9223	04/09/2005 1:00 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 : 5/2/05



# 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

Federal ID 5111891

Collected : 4/8/05 1:15:00 PM

Received : 4/8/05 3:22:00 PM

Collected By : CLIENT

Copy : Original

CC

Lab No. : 0504213-013A

Client ID. : 19610-014

Sample Information...

Type : Potable Water

Origin : Raw Well

Routine

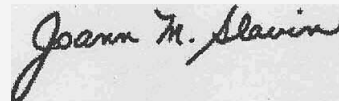
Point No : 056-20

Location : Well #12 Raw

<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	04/09/2005 1:00 PM
E_Coliform	Absent		1		Absent	M9223	04/09/2005 1:00 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 : 5/2/05



Laboratory Manager

# H2M LABS, INC.

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

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Marcia Allocco

Federal ID 5111891

Collected : 4/8/05 1:30:00 PM

Received : 4/8/05 3:22:00 PM

Collected By : CLIENT

Copy : Original

CC

## LABORATORY RESULTS

Lab No. : 0504213-014A

Sample Information...

Type : Potable Water

Origin : Treated Well

Routine

Client ID. : 19610-015

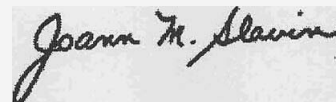
Point No : 073-20

Location : Wwf Packed Tower 648

<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	04/09/2005 1:00 PM
E_Coliform	Absent		1		Absent	M9223	04/09/2005 1:00 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 : 5/2/05



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

Lab No. : 0504213-015A

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

Attn To : Marcia Allocco

Client ID. : 19610-016

Federal ID 5111891

Collected : 4/8/05 10:45:00 AM

Point No : 055-36

Received : 4/8/05 3:22:00 PM

Location : Well #10 Gac Filter 654

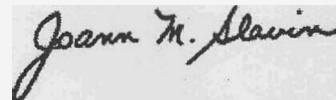
Collected By : CLIENT

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	04/09/2005 1:00 PM
E_Coliform	Absent		1		Absent	M9223	04/09/2005 1:00 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 : 5/2/05



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. : 0504213-016A

Sample Information...

Type : Potable Water

Origin : Treated Well

Routine

Federal ID 5111891

Client ID. : 19610-017

Collected : 4/8/05 10:55:00 AM

Point No : 056-31

Received : 4/8/05 3:22:00 PM

Location : Well #11 Gac Filter 655

Collected By : CLIENT

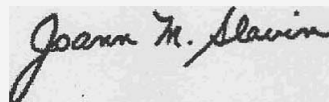
Copy : Original

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	04/09/2005 1:00 PM
E_Coliform	Absent		1		Absent	M9223	04/09/2005 1:00 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 : 5/2/05



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

Federal ID 5111891

Collected : 4/8/05 1:15:00 PM

Received : 4/8/05 3:22:00 PM

Collected By : CLIENT

Copy : Original

Lab No. : 0504213-017A

Client ID. : 19610-018

Point No : 056-32

Location : Well #12 Gac Filter 657

Sample Information...

Type : Potable Water

Origin : Treated Well

Routine

CC

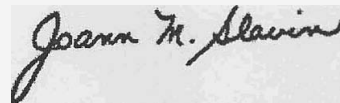
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	04/09/2005 1:00 PM
E_Coliform	Absent		1		Absent	M9223	04/09/2005 1:00 PM

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

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

D.F. = Dilution Factor

Date Reported : 5/2/05



Laboratory Manager

**ATTACHMENT VI:**  
**Brookhaven National Laboratory**  
**Potable Water Supply**  
**2005 Second 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. : 0504213-009

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

Federal ID : 5111891

Client ID. : 19610-010

Collected : 4/8/2005 10:20:00 AM

Point No: 093-07

Received : 4/8/2005 3:22:00 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	04/19/2005 6:04 PM
Chloromethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	04/19/2005 6:04 PM
Bromomethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
Chloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
Chloroform	0.7		1	µg/L	50	E502.2	04/19/2005 6:04 PM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	04/19/2005 6:04 PM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	04/19/2005 6:04 PM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
Bromoform	< 0.5		1	µg/L	50	E502.2	04/19/2005 6:04 PM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM

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*  
 Laboratory Manager

BNLM160 A33

Date Reported : 5/2/2005

# 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. : 0504213-009

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

Federal ID : 5111891

Client ID. : 19610-010

Collected : 4/8/2005 10:20:00 AM

Point No: 093-07

Received : 4/8/2005 3:22:00 PM

Location: Well #6 Raw

Collected By CLIENT

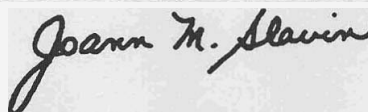
Copy : Original

CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
Benzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
Toluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
o-Xylene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
Styrene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	04/19/2005 6:04 PM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:04 PM
Total Coliform	Negative		1		Negative	M9223	04/09/2005 1:00 PM
E_Coliform	Absent		1		Absent	M9223	04/09/2005 1:00 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 : 5/2/2005



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. : 0504213-010

Sample Information...

Type : Potable Water

Origin: Raw Well

Federal ID : 5111891

Client ID. : 19610-011

Collected : 4/8/2005 10:30:00 AM

Point No: 092-03

Received : 4/8/2005 3:22:00 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
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
Chloromethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	04/19/2005 6:53 PM
Bromomethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
Chloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
Chloroform	0.6		1	µg/L	50	E502.2	04/19/2005 6:53 PM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	04/19/2005 6:53 PM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	04/19/2005 6:53 PM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
Bromoform	< 0.5		1	µg/L	50	E502.2	04/19/2005 6:53 PM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM

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 : 5/2/2005

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. : 0504213-010

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

Federal ID : 5111891

Client ID. : 19610-011

Collected : 4/8/2005 10:30:00 AM

Point No: 092-03

Received : 4/8/2005 3:22:00 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	04/19/2005 6:53 PM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
Benzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
Toluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
o-Xylene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
Styrene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	04/19/2005 6:53 PM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 6:53 PM
Total Coliform	Negative		1		Negative	M9223	04/09/2005 1:00 PM
E_Coliform	Absent		1		Absent	M9223	04/09/2005 1:00 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 : 5/2/2005

*Joann M. Slavin*

Laboratory Manager

BNLM160 A36

# 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. : 0504213-011

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

Federal ID : 5111891  
 Collected : 4/8/2005 10:45:00 AM  
 Received : 4/8/2005 3:22:00 PM  
 Collected By CLIENT  
 Copy : Original  
 CC

Point No: 055-09  
 Location: Well #10 Raw

Client ID. : 19610-012

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
Chloromethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	04/19/2005 7:42 PM
Bromomethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
Chloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
Chloroform	0.5		1	µg/L	50	E502.2	04/19/2005 7:42 PM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	04/19/2005 7:42 PM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	04/19/2005 7:42 PM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
Bromoform	< 0.5		1	µg/L	50	E502.2	04/19/2005 7:42 PM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM

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 : 5/2/2005

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. : 0504213-011

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

Federal ID : 5111891

Client ID. : 19610-012

Collected : 4/8/2005 10:45:00 AM

Point No: 055-09

Received : 4/8/2005 3:22:00 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	04/19/2005 7:42 PM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
Benzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
Toluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
o-Xylene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
Styrene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	04/19/2005 7:42 PM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 7:42 PM
Total Coliform	Negative		1		Negative	M9223	04/09/2005 1:00 PM
E_Coliform	Absent		1		Absent	M9223	04/09/2005 1:00 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 : 5/2/2005

*Joann M. Slavin*

Laboratory Manager

BNLM160 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. : 0504213-012

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

Federal ID : 5111891

Client ID. : 19610-013

Collected : 4/8/2005 10:55:00 AM Point No: 056-19  
Received : 4/8/2005 3:22:00 PM Location: Well #11 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	04/19/2005 8:30 PM
Chloromethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	04/19/2005 8:30 PM
Bromomethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
Chloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
Chloroform	< 0.5		1	µg/L	50	E502.2	04/19/2005 8:30 PM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	04/19/2005 8:30 PM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	04/19/2005 8:30 PM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
Bromoform	< 0.5		1	µg/L	50	E502.2	04/19/2005 8:30 PM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 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 : 5/2/2005

Laboratory Manager

BNLM160 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. : 0504213-012

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

Federal ID : 5111891

Client ID. : 19610-013

Collected : 4/8/2005 10:55:00 AM

Point No: 056-19

Received : 4/8/2005 3:22:00 PM

Location: Well #11 Raw

Collected By CLIENT

Copy : Original

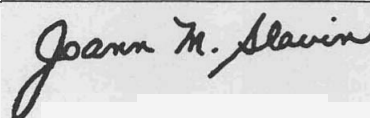
CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
Benzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
Toluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
o-Xylene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
Styrene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	04/19/2005 8:30 PM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 8:30 PM
Total Coliform	Negative		1		Negative	M9223	04/09/2005 1:00 PM
E_Coliform	Absent		1		Absent	M9223	04/09/2005 1:00 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 : 5/2/2005

Laboratory Manager



BNLM160 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. : 0504213-013

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

Federal ID : 5111891  
 Collected : 4/8/2005 1:15:00 PM  
 Received : 4/8/2005 3:22:00 PM  
 Collected By CLIENT  
 Copy : Original  
 CC

Client ID. : 19610-014

Point No: 056-20  
 Location: Well #12 Raw

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
Chloromethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	04/19/2005 9:18 PM
Bromomethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
Chloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
Chloroform	< 0.5		1	µg/L	50	E502.2	04/19/2005 9:18 PM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	04/19/2005 9:18 PM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	04/19/2005 9:18 PM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
Bromoform	< 0.5		1	µg/L	50	E502.2	04/19/2005 9:18 PM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM

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 : 5/2/2005

Laboratory Manager

BNLM160 A41

# 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. : 0504213-013

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

Federal ID : 5111891

Client ID. : 19610-014

Collected : 4/8/2005 1:15:00 PM

Point No: 056-20

Received : 4/8/2005 3:22:00 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
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
Benzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
Toluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
o-Xylene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
Styrene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	04/19/2005 9:18 PM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 9:18 PM
Total Coliform	Negative		1		Negative	M9223	04/09/2005 1:00 PM
E_Coliform	Absent		1		Absent	M9223	04/09/2005 1:00 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 : 5/2/2005

*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. : 0504213-018

Sample Information...

Type : Potable Water

Origin : Other

Federal ID : 5111891

Client ID. : 19610-019

Collected : 4/8/2005 1:40:00 PM

Point No: 073-10

Received : 4/8/2005 3:22:00 PM

Location: Bldg. 624 WTP

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	04/19/2005 10:06 PM
Chloromethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	04/19/2005 10:06 PM
Bromomethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
Chloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
Trichlorofluoromethane	< 0.5		1		5	E502.2	04/19/2005 10:06 PM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
Chloroform	< 0.5		1	µg/L	50	E502.2	04/19/2005 10:06 PM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	04/19/2005 10:06 PM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	04/19/2005 10:06 PM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
Bromoform	< 0.5		1	µg/L	50	E502.2	04/19/2005 10:06 PM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM

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 : 5/2/2005

Laboratory Manager

BNLM160 A47

# 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. : 0504213-018

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

Federal ID : 5111891

Client ID. : 19610-019

Collected : 4/8/2005 1:40:00 PM

Point No: 073-10

Received : 4/8/2005 3:22:00 PM

Location: Bldg. 624 WTP

Collected By CLIENT

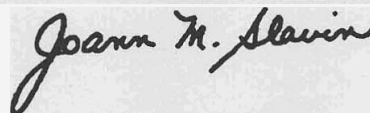
Copy : Original

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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	An
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
Benzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
Toluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
o-Xylene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
Styrene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	04/19/2005 10:06 PM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 PM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:06 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 : 5/2/2005



Laboratory Manager

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0504213-019

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

Federal ID : 5111891  
 Collected : 4/8/2005 10:45:00 AM Point No: 055-38  
 Received : 4/8/2005 3:22:00 PM Location: Well #10 Treated  
 Collected By CLIENT  
 Copy : Original  
 CC

Client ID. : 19610-020

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
Chloromethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	04/19/2005 10:55 PM
Bromomethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
Chloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
Chloroform	2.8		1	µg/L	50	E502.2	04/19/2005 10:55 PM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
Bromodichloromethane	3.2		1	µg/L	50	E502.2	04/19/2005 10:55 PM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
Dibromochloromethane	1.8		1	µg/L	50	E502.2	04/19/2005 10:55 PM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
Bromoform	< 0.5		1	µg/L	50	E502.2	04/19/2005 10:55 PM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM

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*  
 Laboratory Manager

Date Reported : 5/2/2005

BNLM160 A49

# 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. : 0504213-019

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

Federal ID : 5111891

Client ID. : 19610-020

Collected : 4/8/2005 10:45:00 AM

Point No: 055-38

Received : 4/8/2005 3:22:00 PM

Location: Well #10 Treated

Collected By CLIENT

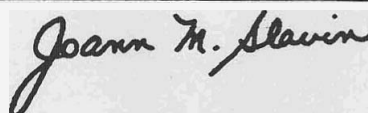
Copy : Original

CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
Benzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
Toluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
o-Xylene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
Styrene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	04/19/2005 10:55 PM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 PM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 10:55 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 : 5/2/2005



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.

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

Upton, NY 11973

Attn To : Marcia Allocco

Federal ID : 5111891

Collected : 4/8/2005 10:55:00 AM

Point No: 056-33

Received : 4/8/2005 3:22:00 PM

Location: Well #11 Treated

Collected By CLIENT

Copy : Original

Client ID. : 19610-021

Lab No. : 0504213-020

CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
Chloromethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	04/19/2005 11:43 PM
Bromomethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
Chloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
Bromochloromethane	< 0.5		1	µg/L	50	E502.2	04/19/2005 11:43 PM
Chloroform	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
1,2-Dichloropropane	< 0.5		1	µg/L	50	E502.2	04/19/2005 11:43 PM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
Bromodichloromethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
1,3-Dichloropropane	< 0.5		1	µg/L	50	E502.2	04/19/2005 11:43 PM
Dibromochloromethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	50	E502.2	04/19/2005 11:43 PM
Bromoform	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM

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

Date Reported : 5/2/2005

Page 27 of 32

*Joann M. Slavin*

Laboratory Manager

BNLM160 A51



# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0504213-020

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

Federal ID : 5111891

Client ID. : 19610-021

Collected : 4/8/2005 10:55:00 AM

Point No: 056-33

Received : 4/8/2005 3:22:00 PM

Location: Well #11 Treated

Collected By CLIENT

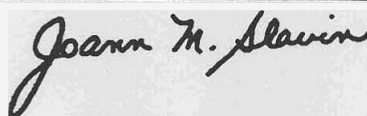
Copy : Original

CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
Benzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
Toluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
o-Xylene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
Styrene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	04/19/2005 11:43 PM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 PM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	04/19/2005 11:43 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 : 5/2/2005



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. : 0504213-021

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

Federal ID : 5111891

Client ID. : 19610-022

Collected : 4/8/2005 1:15:00 PM

Point No: 056-34

Received : 4/8/2005 3:22:00 PM

Location: Well #12 Treated

Collected By CLIENT

Copy : Original

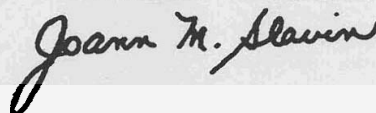
CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
Chloromethane	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	04/20/2005 12:31 AM
Bromomethane	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
Chloroethane	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
Chloroform	< 0.5		1	µg/L	50	E502.2	04/20/2005 12:31 AM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	04/20/2005 12:31 AM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	04/20/2005 12:31 AM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
Bromoform	< 0.5		1	µg/L	50	E502.2	04/20/2005 12:31 AM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 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 : 5/2/2005

Laboratory Manager



BNLM160 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. : 0504213-021

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

Federal ID : 5111891

Client ID. : 19610-022

Collected : 4/8/2005 1:15:00 PM

Point No: 056-34

Received : 4/8/2005 3:22:00 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	04/20/2005 12:31 AM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
Benzene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
Toluene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
o-Xylene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
Styrene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	04/20/2005 12:31 AM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 AM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	04/20/2005 12:31 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 : 5/2/2005

*Joann M. Slavin*

Laboratory Manager

BNLM160 A54