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for the U.S. Department of Energy

September 9, 2005

Ms. Kathleen Newcomer  
Suffolk County Department of Health Services  
Office of Water Resources  
Bureau of Drinking Water  
Suite 1C  
360 Yaphank Avenue  
Yaphank, New York 11980

Dear Ms. Kathleen Newcomer:

**Subject: Monthly Water Treatment Plant Reports**  
**Reference: Suffolk County Minimum Monitoring Requirements for August 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 August.
- Attachment II: August 2005 Biweekly Water Quality Monitoring Data for the BNL Distribution System and Potable Water Wells.
- Attachment III: August 2005 Stage 1 Disinfectants & Disinfection Byproduct Rule Monitoring Data and Bacteriological Analyses for the BNL Distribution System.
- Attachment IV: Third Quarter Radiological Analyses for the BNL Potable Water Wells.
- Attachment V: 2005 Third Quarter Principal Organic Compound Analyses for the BNL Potable Water Distribution System and Potable Water Wells.



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Registrar Accreditation Board

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 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 J. Higbie at (631) 344-5919, R. Lee at (631) 344-3148, or W. Chaloupka at (631) 344-7136.

Sincerely,



George A. Goode  
Environmental & Waste Management Services  
Division Manager

GAG/JB:car

Attachments: As noted

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

File: EC61ER.05

**ATTACHMENT I**

**Brookhaven National Laboratory**

**Potable Water Supply**

**Monthly Operational Data for August 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: AUGUST 2005
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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 Cl2 Residual mg/l	Lime Sodium Hydroxide	Totalizer	
		Gallons	Cl2 use per 24hrs				
1	65	137	1	0.47	6.4	112740	
2	0	137	0	0.82	6.4	112805	
3	10	137	0	0.72	6.4	112815	
4	103	137+53	0	0.83	6.4	112918	
5	0	190	0	0.91	6.4	112918	
6	0						
7	0						
8	0	190	0	0.47	7.1	112918	
9	543	183	6	0.54	6.4	113461	
10	910	175	7	0.72	7.6	114371	
11	1,293	160	15	1.00	7.8	115664	
12	1,191	145	15	1.10	7.8	116855	
13	0						
14	0						
15	4,609	90	55	0.80	7.8	121464	
16	1,651	70	20	0.82	7.6	123115	
17	1,644	49+51=100	21	0.90	7.5	124759	
18	1,649	80		0.94	7.5	126408	
19	1,656	80	20	1.30	7.5	128064	
20	0						
21	0						
22	4,859	8	72	1.20	7.6	132923	
23	1,675	170	20	0.84	7.5	134598	
24	955	155	15	0.86	7.5	135553	
25	232	150	5	1.10	7.5	135785	
26	14	150+40	0	0.77	6.7	135799	
27	0						
28	0						
29	33	190	0	1.20	7.3	135832	
30	56	190	0	1.10	6.7	135888	
31	0	190	0	1.40	6.8	135888	
TOT	23,148		272				
AVG.	746.71		8.77	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: *Jd Rian*

Date: 9-8-05

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: AUGUST 2005
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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		
		Gallons	Cl2 use per 24hrs				
1	0	0	0	NR	NR	1648622	
2	0	0	0	NR	NR	1648622	
3	0	0	0	NR	NR	1648622	
4	0	0	0	NR	NR	1648622	
5	0	0	0	NR	NR	1648622	
6	0						
7	0						
8	0	0	0	NR	NR	1648622	
9	0	0	0	NR	NR	1648622	
10	0	0	0	NR	NR	1648622	
11	0	0	0	NR	NR	1648622	
12	0	0	0	NR	NR	1648622	
13	0						
14	0						
15	0	0	0	NR	NR	1648622	
16	0	0	0	NR	NR	1648622	
17	0	0	0	NR	NR	1648622	
18	0	0	0	NR	NR	1648622	
19	0	0	0	NR	NR	1648622	
20	0						
21	0						
22	0	0	0	NR	NR	1648622	
23	0	0	0	NR	NR	1648622	
24	0	0	0	NR	NR	1648622	
25	0	0	0	NR	NR	1648622	
26	0	0	0	NR	NR	1648622	
27	0						
28	0						
29	0	0	0	NR	NR	1648622	
30	0	0	0	NR	NR	1648622	
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: *SA Rwn*

Date: 9-8-05

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: AUGUST 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 560140
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl <sub>2</sub> Residual mg/l	Lime Sodium Hydroxide		
		Gallons	Cl <sub>2</sub> use per 24hrs				
1	0	90	5	NR	NR	560140	
2	0	90	0	NR	NR	560140	
3	0	90	0	NR	NR	560140	
4	0	90	0	NR	NR	560140	
5	0	90	0	NR	NR	560140	
6	0						
7	0						
8	0	150	0	NR	NR	560140	
9	241	144	6	NR	NR	560381	
10	267	126	18	0.01	6.1	560648	
11	173	120	6	0.01	6.2	560821	
12	247	108	12	0.04	6.1	561068	
13	0						
14	0						
15	1,458	20+130	88	0.01	6.1	562526	
16	432	129	21	0.25	6.1	562958	
17	651	108	21	0.25	6	563609	
18	660	81+69=150	27	0.22	6	564269	
19	612	123	27	0.20	6.1	564881	
20	0						
21	0						
22	2,116	45+66	78	1.10	6.1	566997	
23	518	93	17	0.11	6.1	567515	
24	350	78	15	0.19	6	567865	
25	81	75	3	0.23	6.1	567946	
26	0	75	0	0.20	6	567946	
27	0						
28	0						
29	0	75	0	NR	NR	567946	
30	0	75	0	NR	NR	567946	
31	0	75	0	NR	NR	567946	
TOT	7,806		344				
AVG.	251.81		11.10	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. Coli repeat sample.

Reported by *J.D. Nunn*

Date: 7-8-05

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: AUGUST 2005
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LOCATION: WELL NO. 7

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

Source: Ground Water

Does the system have a chlorination waiver? YES  NO

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer
	Treated Water	Liquid Sodium Hypochlorite		Free Cl2 Residual	Lime Sodium Hydroxide	Totalizer	
		Gallons	Cl2 use per 24hrs				
1	0	126	2	NR	NR	1731298	
2	0	126	0	NR	NR	1731298	
3	0	126	0	NR	NR	1731298	
4	0	126+24	0	NR	NR	1731298	
5	0	150	0	NR	NR	1731298	
6	0						
7	0						
8	0	150	0	NR	NR	1731298	
9	381	135	15	NR	NR	1731679	
10	667	114	21	0.01	6.1	1732346	
11	1,244	84+66	30	0.01	6.2	1733590	
12	1,134	126	24	0.04	6.1	1734724	
13	0						
14	0						
15	4,680	20+130	106	0.01	6.1	1739404	
16	1,511	120	30	0.25	6.1	1740915	
17	1,475	87	33	0.27	6	1742390	
18	1,444	96+54=150	33	0.22	6	1743834	
19	1,458	114	36	0.20	6.1	1745292	
20	0						
21	0						
22	4,187	30+120	84	1.10	6.1	1749479	
23	1,428	117	33	0.11	6.1	1750907	
24	993	100	17	0.19	6	1751900	
25	129	90	10	0.23	6.1	1752029	
26	0	90	0	0.20	6	1752029	
27	0						
28	0						
29	0	90	0	NR	NR	1752029	
30	0	90	0	NR	NR	1752029	
31	0	90	0	NR	NR	1752029	
TOT	20,731		474				
AVG.	668.74		15.29	No. Days:	31		

Population Served 3,500

Number of routine samples 4

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

Number of actual routine samples 7

Does a M&AR violation exist? YES  NO

If yes, check reason's below.

Actual number of samples fewer than required.

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

Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

If yes, check reason(s) below.

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

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

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

Reported by: *Ja Kersh*

Date: 9-8-05

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: AUGUST 2005
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LOCATION: WELL NO. 10

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

Source: Ground Water Does the system have a chlorination waiver? YES  NO

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer 771491
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl2 Residual mg/l	Lime Sodium Hydroxide	Totalizer	
		Gallons	Cl2 use per 24hrs				
1	0	0	0	NR	NR	771491	
2	0	0	0	NR	NR	771491	
3	0	0	0	NR	NR	771491	
4	0	0	0	NR	NR	771491	
5	0	0	0	NR	NR	771491	
6	0						
7	0						
8	0	0	0	NR	NR	771491	
9	0	0	0	NR	NR	771491	
10	0	0	0	NR	NR	771491	
11	0	0	0	NR	NR	771491	
12	0	0	0	NR	NR	771491	
13	0						
14	0						
15	0	0	0	NR	NR	771491	
16	0	0	0	NR	NR	771491	
17	0	0	0	NR	NR	771491	
18	0	0	0	NR	NR	771491	
19	0	0	0	NR	NR	771491	
20	0						
21	0						
22	0	0	0	NR	NR	771491	
23	0	0	0	NR	NR	771491	
24	0	0	0	NR	NR	771491	
25	0	0	0	NR	NR	771491	
26	0	0	0	NR	NR	771491	
27	0						
28	0						
29	0	0	0	NR	NR	771491	
30	0	0	0	NR	NR	771491	
31	0	0	0	NR	NR	771491	
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. New

Date: 9-8-05

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: AUGUST 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
	Treated Water	Liquid Sodium Hypochlorite		Free Cl2 Residual	Lime	Sodium Hydroxide	
		Gallons	Cl2 use per 24hrs		mg/l		
1	594	150	3	NR	NR	681067	
2	355	150	0	0.00	6.4	682016	
3	525	135	15	0.00	6.4	682541	
4	518	117+33	18	1.00	6.4	683059	
5	605	123	27	0.80	6.4	683664	
6	0						
7	0						
8	1,444	81	42	0.30	7	685108	
9	579	63+42	18	0.56	6.4	685687	
10	299	99	6	NR	NR	685986	
11	0	99	0	1.20	7.4	685986	
12	141	96	3	NR	NR	686127	
13	0						
14	0						
15	0	96	0	NR	NR	686127	
16	0	96	0	0.95	6.5	686127	
17	3	96	0	NR	NR	686130	
18	49	96	0	NR	NR	686179	
19	0	93	3	NR	NR	686179	
20	0						
21	0						
22	117	90	3	NR	NR	686296	
23	30	84	6	0.15	6	686326	
24	948	57+93	27	NR	NR	687274	
25	1,238	123	27	1.50	6.8	688512	
26	1,533	90	33	0.50	7.4	690045	
27	0						
28	0						
29	4,597	0+150	90	NR	NR	694642	
30	1,173	135	15	0.85	6.8	695815	
31	1,500	108	27	0.90	6.8	697315	
TOT	16,248		363				
AVG.	524.13		11.71	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: *Jd New*

Date: 9-8-05

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: AUGUST 2005
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LOCATION: WELL NO. 12

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

Source: Ground Water Does the system have a chlorination waiver? YES  NO

Day of month	CHLORINATION			pH		Totalizer
	Treated Water	Liquid Sodium Hypochlorite	Free Cl <sub>2</sub> Residual	Lime	Sodium Hydroxide	
	K Gals	Gallons	Cl <sub>2</sub> use per 24hrs	mg/l		Daily Totalizer
1	4,429	60	73	NR	NR	766563
2	1,510	39+111	21	0.54	6.5	768073
3	1,324	135	15	0.84	6.4	769397
4	1,438	114+36	21	0.72	7.8	770835
5	1,434	126	24	0.75	7.9	772269
6	0					
7	0					
8	4,402	60	66	0.48	7.1	776671
9	1,307	42+108	18	0.38	6.5	777978
10	361	150	0	NR	NR	778339
11	0	150	0	0.51	7.5	778339
12	1	150	0	NR	NR	778340
13	0					
14	0					
15	709	148	2	NR	NR	779049
16	0	148	0	NR	NR	779049
17	20	144	4	NR	NR	779069
18	22	144	0	NR	NR	779091
19	49	144	0	NR	NR	779140
20	0					
21	0					
22	1,699	123	21	NR	NR	780839
23	225	117	6	NR	NR	781064
24	41	117+33	0	NR	NR	781105
25	123	150	0	NR	NR	781228
26	0	150	0	NR	NR	781228
27	0					
28	0					
29	160	149	1	0.32	7	781388
30	529	144	5	0.71	7	781917
31	246	144	0	NR	NR	782163
TOT	20,029		277			
AVG.	646.10		8.94	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: *Julie Perry*

Date: 9-8-05

Title: Water Systems Supervisor

Certification No. NY0031941

8/31/2005  
Pump Data

MONTHLY GALLONAGE REPORT  
AUGUST2005.XLS

Date	Well 4	Well 6	Well 7	Well10	Well11	Well12	Daily Total
1	0	0	0	0	594	4,429	5,023
2	0	0	0	0	355	1,510	1,865
3	0	0	0	0	525	1,324	1,849
4	0	0	0	0	518	1,438	1,956
5	0	0	0	0	605	1,434	2,039
6	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0
8	0	0	0	0	1,444	4,402	5,846
9	0	241	381	0	579	1,307	2,508
10	0	267	667	0	299	361	1,594
11	0	173	1,244	0	0	0	1,417
12	0	247	1,134	0	141	1	1,523
13	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0
15	0	1,458	4,680	0	0	709	6,847
16	0	432	1,511	0	0	0	1,943
17	0	651	1,475	0	3	20	2,149
18	0	660	1,444	0	49	22	2,175
19	0	612	1,458	0	0	49	2,119
20	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0
22	0	2,116	4,187	0	117	1,699	8,119
23	0	518	1,428	0	30	225	2,201
24	0	350	993	0	948	41	2,332
25	0	81	129	0	1,238	123	1,571
26	0	0	0	0	1,533	0	1,533
27	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0
29	0	0	0	0	4,597	160	4,757
30	0	0	0	0	1,173	529	1,702
31	0	0	0	0	1,500	246	1,746
Total	0	7,806	20,731	0	16,248	20,029	64,814
			Totalizer This Month		Totalizer Last Month		Total(x1,000) Gallons
	Well 4		1,648,622		1,648,622		0
	Well 6		567,946		560,140		7,806
	Well 7		1,752,029		1,731,298		20,731
	Well 10		771,491		771,491		0
	Well 11		697,315		681,067		16,248
	Well 12		782,163		762,134		20,029
AGS Water Supply Meter			555,387		552,964		2423.00
Medical Reactor - Well 105			0		0		0.00
Biology Building - Well 9			6,793,050		6,793,050		0.00

**ATTACHMENT II**

**Brookhaven National Laboratory**

**Potable Water Supply**

**August 2005 Biweekly 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**  
**August 2005**

<b>Sample Location</b>	<b>Sample Date</b>	<b>pH (SU)</b>	<b>Temperature (Degrees F)</b>	<b>Conductivity (<math>\mu</math>mhos)</b>	<b>Alkalinity (mg/L)</b>	<b>Calcium (mg/L)</b>
WTP	8/2/05	6.4	56	180	ANR	ANR
WTP	8/4/05	6.4	56	169	ANR	ANR
WTP	8/9/05	6.4	57	158	ANR	ANR
WTP	8/11/05	7.8	60	179	ANR	ANR
WTP	8/16/05	7.6	57	158	ANR	ANR
WTP	8/18/05	7.5	56	145	ANR	ANR
WTP	8/23/05	7.5	56	147	ANR	ANR
WTP	8/25/05	7.5	56	150	ANR	ANR
WTP	8/30/05	6.7	56	177	ANR	ANR
Well 11	8/2/05	6.4	55	129	ANR	ANR
Well 11	8/4/05	6.4	55	174	ANR	ANR
Well 11	8/9/05	6.4	55	153	ANR	ANR
Well 11	8/11/05	7.4	56	199	ANR	ANR
Well 11	8/16/05	6.5	55	165	ANR	ANR
Well 11	8/23/05	6.0	56	148	ANR	ANR
Well 11	8/25/05	6.8	55	170	ANR	ANR
Well 11	8/30/05	6.8	55	175	ANR	ANR
Well 12	8/2/05	6.5	55	151	ANR	ANR
Well 12	8/4/05	7.8	56	192	ANR	ANR
Well 12	8/9/05	6.5	55	171	ANR	ANR
Well 12	8/11/05	7.5	56	193	ANR	ANR
Well 12	8/30/05	7.0	56	141	ANR	ANR

**ANR-** Analysis Not Required

**NR-** Not Reported

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

**ATTACHMENT III**

**Brookhaven National Laboratory**

**Potable Water Supply**

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

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

**Attachment III**

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

Location	Total Residual Chlorine (mg/L)											
	Sept. 04	Oct. 04	Nov. 04	Dec. 04	Jan. 05	Feb. 05	Mar. 05	Apr. 05	May 05	June 05	July 05	Aug. 05
Bldg. 49 Water Tower	0.7	0.8	0.8	0.5	0.7	2.0	0.9	0.7	0.9	0.9	0.7	0.9
Bldg. 640 Water Tower	0.3	0.6	0.5	0.5	0.6	0.6	0.9	0.8	0.9	1.5	0.5	0.8
Bldg. 363 Apt. Laundry	0.6	0.5	0.5	0.4	0.6	0.7	0.9	0.7	0.7	0.7	0.6	0.5
Bldg. 1005 RHIC	0.5	0.5	0.5	0.4	0.5	0.6	1.1	0.7	1.0	1.2	0.5	0.8
Bldg. 930 LINAC	0.9	NS	0.8	NS	0.6	NS	1.0	NS	0.8	NS	0.8	NS
Bldg. 725 NSLS	NS	0.7	NS	0.5	NS	0.7	NS	1	NS	1.3	NS	0.8
Bldg. 490 Outpatient Clinic	0.7	NS	0.7	NS	0.7	NS	0.5	NS	1.0	NS	0.5	NS
Bldg. 490 Block 11	0.3	NS	0.8	NS	0.6	NS	0.4	NS	0.3	NS	0.5	NS
Bldg. 490 Block 1 ACF	NS	0.8	NS	0.5	NS	0.5	NS	0.3	NS	0.6	NS	0.7
Bldg. 490 Block 4 MRC	NS	0.7	NS	0.5	NS	0.7	NS	0.8	NS	1.1	NS	0.7
<b>Monthly Average</b>	0.6	0.7	0.7	0.5	0.6	0.8	0.8	0.7	0.8	1.0	0.6	0.7

NA - Not Applicable

NS- Not Scheduled for sampling

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

# H2M LABS, INC.

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

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Marcia Allocco

Lab No. : 0508187-001A

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Federal ID 5111691

Client ID. : 20894-001

Collected : 8/5/05 9:00:00 AM

Point No : 094-273

Received : 8/5/05 3:10:00 PM

Location : B-49 Water Tower

Collected By : CLIENT

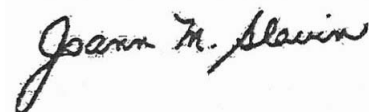
Copy : Original

CC

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	08/06/2005 12:45 PM
E_Coliform	Absent		1		Absent	M9223	08/06/2005 12:45 PM
Total Residual Chlorine	0.9		1	mg/L		M4500-Cl G	08/05/2005

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

Date Reported : 8/30/05



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. : 0508187-002A

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

Federal ID 5111891

Client ID. : 20894-002

Collected : 8/5/05 8:40:00 AM

Point No : 076-408

Received : 8/5/05 3:10:00 PM

Location : B-640 Water Tower

Collected By : CLIENT

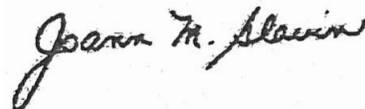
Copy : Original

CC

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	08/06/2005 12:45 PM
E_Coliform	Absent		1		Absent	M9223	08/06/2005 12:45 PM
Total Residual Chlorine	0.8		1	mg/L		M4500-Cl G	08/05/2005

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

Date Reported : 8/30/05



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. : 0508187-004A

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

Federal ID 5111891

Client ID. : 20894-004

Collected : 8/5/05 9:15:00 AM

Point No : 109-19

Received : 8/5/05 3:10:00 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>
Total Coliform	Negative		1		Negative	M9223	08/06/2005 12:45 PM
E_Coliform	Absent		1		Absent	M9223	08/06/2005 12:45 PM
Total Residual Chlorine	0.5		1	mg/L		M4500-CI G	08/05/2005

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

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

D.F. = Dilution Factor

Date Reported : 8/30/05

*Joann M. Slavine*

**H2M LABS, INC.**

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

**LABORATORY RESULTS**

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

Lab No. : 0508187-003A

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

Federal ID 5111891

Client ID. : 20894-003

Collected : 8/5/05 8:50:00 AM

Point No : 045-12

Received : 8/5/05 3:10:00 PM

Location : B-1005 RHIC

Collected By : CLIENT

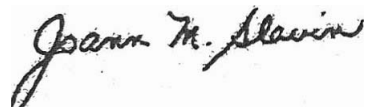
Copy : Original

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	08/06/2005 12:45 PM
E_Coliform	Absent		1		Absent	M9223	08/06/2005 12:45 PM
Total Residual Chlorine	0.8		1	mg/L		M4500-Cl G	08/05/2005

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

Date Reported : 8/30/05



**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 : 8/5/05 11:05:00 AM

Received : 8/5/05 3:10:00 PM

Collected By : CLIENT

Copy : Original

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Lab No. : 0508187-005A

Client ID. : 20894-005

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Point No : 075-602

Location : B-725 NSLS

<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	08/06/2005 12:45 PM
E_Coliform	Absent		1		Absent	M9223	08/06/2005 12:45 PM
Total Residual Chlorine	0.8		1	mg/L		M4500-CI G	08/05/2005

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

Date Reported : 8/30/05

*Joann M. Alavine*

**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 : 8/5/05 10:35:00 AM

Received : 8/5/05 3:10:00 PM

Collected By : CLIENT

Copy : Original

CC

**LABORATORY RESULTS**

Lab No. : 0508187-006A

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Client ID. : 20894-006

Point No : 084-69

Location : B-490 Block 1 ACF

<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	08/06/2005 12:45 PM
E_Coliform	Absent		1		Absent	M9223	08/06/2005 12:45 PM
Total Residual Chlorine	0.7		1	mg/L		M4500-Cl G	08/05/2005

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

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

D.F. = Dilution Factor

Date Reported : 8/30/05

*Joanna M. Alavina*

**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. : 0508187-007A

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

Federal ID 5111891

Client ID. : 20894-007

Collected : 8/5/05 10:40:00 AM

Point No : 084-68

Received : 8/5/05 3:10:00 PM

Location : B-490 Block 4 MRC

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	08/06/2005 12:45 PM
E_Coliform	Absent		1		Absent	M9223	08/06/2005 12:45 PM
Total Residual Chlorine	0.7		1	mg/L		M4500-CI G	08/05/2005

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

Date Reported : 8/30/05



**ATTACHMENT IV**

**Brookhaven National Laboratory**

**Potable Water Supply**

**2005 Third Quarter Radiological Analyses**

**for the BNL Potable Water Wells**

## ATTACHMENT IV

**Table 3**  
**Summary of 2005 Third Quarter Radiological Analyses for the**  
**BNL Potable Water Wells**

<b>Well ID</b>	<b>Sample Date</b>	<b>Gross Alpha (pCi/L)</b>	<b>Gross Beta (pCi/L)</b>	<b>Tritium (pCi/L)</b>	<b>Sr-90 (pCi/L)</b>
Well # 7	7/19/05	< 1.2	< 1.7	< 310	< 0.67
Well #11	7/19/05	< 1.0	< 1.7	< 310	< 0.65
Well #12	7/19/05	< 1.2	< 1.6	< 310	< 0.55
Well # 12 (Duplicate)	7/19/05	< 1.2	< 1.6	< 310	< 0.71 *

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.



M

ASL Prefix No.

Page 1 of 2

BROOKHAVEN NATIONAL LABORATORY

Carrier/Waybill #

Chain of Custody No.

21406

Requires EDD

DQL

SAMPLING CHAIN OF CUSTODY

Analysis Requested By		Sampling Contractor		Analytical Laboratory	
Name: B. Lee	Name: EWS/D	Name: <del>STL</del> STL			
Life No: 20222 Ext: 3148	Contact:	Address:			
Acct. No: 19741 Dept: ES	Phone:	City: St: MD Zip:			
Email Reports To:	Email/Fax:	Contact:			
1 B. Lee	Sampler: C. Oseta	Phone:			
2		Email/Fax:			
Project Name:		Project Manager:		Field Engineer:	

Analysis Requested

Alpha/Beta	Tritium	Gamma	Strontium	524.2	624	Nuclide-specific Alpha	PCBs	Metals	Chloride / sulfate
X	X	X	X						X
	X							X	
								X	
								X	
	X	XX							X
	X							X	
								X	
								X	
								X	
								X	
	X	XX							X
	X								X
								X	

Comments: ~~USE TB from CEC 21405-004 70900 W~~

Type		Sample Information					Additional Sample Information						
LID	UID	Snmp	Coll	Site ID/Bldg/Life #	Depth/RWP	Date	Time	Matrix	Name/Description	Cont. Vol/Units	Cont. Type	# of Cont.	Preservative
	001			Well 12	92-137	7/19/05	1007	W	potable Wells	4L	P	1	HNO3
	001			↓	↓	↓	↓	W		250ml	AG	1	-
	001			↓	↓	↓	↓	W		500ml	P	1	HNO3
	001			↓	↓	↓	↓	W		500ml	P	1	H2SO4
	001			↓	↓	↓	↓	W		250ml	P	1	-
	002			Well 11	93-142		1020	W		4L	P	1	HNO3
	002			↓	↓	↓	↓	W		250ml	AG	1	-
	002			↓	↓	↓	↓	W		500ml	P	1	HNO3
	002			↓	↓	↓	↓	W		500ml	P	1	H2SO4
	002			↓	↓	↓	↓	W		250ml	P	1	-
	003			Well 9	84-302		1100	W		40ml	SC	3	HCl
	004			Well 7	99-150		1035	W		4L	P	1	HNO3
	004			↓	↓	↓	↓	W		250ml	AG	1	-
	004			↓	↓	↓	↓	W		500ml	P	1	HNO3

1 Relinquished By/Date/Time	2 Relinquished By/Date/Time	3 Relinquished By/Date/Time
Print C. Oseta 7/20/05	Print	Print
Signature C. Oseta 1300	Signature	Signature
1 Received By/Date/Time	2 Received By/Date/Time	3 Received By/Date/Time
Print J. Clarke 7.21.05	Print	Print
Signature J. Clarke 0900	Signature	Signature

Contractor Lab Sample Disposal:

Return To Client

Archive For Months

Disposal by Lab

Data Package:  Full  Summary

Turn-Around Time Required:

Rush (1 Day)

14 Days

30 Days

7 Days

Other ( )

ASL Prefix No. \_\_\_\_\_

Page 2 of 2



Carrier/Waybill # \_\_\_\_\_  
P.O. # \_\_\_\_\_

Chain of Custody No.  
**21406**

Requires EDD  DQL \_\_\_\_\_

**SAMPLING CHAIN OF CUSTODY**

Analysis Requested By		Sampling Contractor		Analytical Laboratory	
Name:	<b>B. Lee</b>	Name:	<b>E WMSD</b>	Name:	<b>STL</b>
Life: No:	<b>20222 Ext 3148</b>	Contact:		Address:	
Acct. No:	<b>19741 Dept: ES</b>	Phone:		City:	<b>St. MD</b> Zip:
	Email Reports To:	Email/Fax:		Contact:	
1	<b>B. Lee</b>	Sampler:	<b>C. Ogeke</b>	Phone:	
2				Email/Fax:	
Project Name:		Project Manager:		Field Engineer:	
<b>FM PWM</b>		<b>B. Lee</b>			

Comments:

Analysis Requested											
Alpha/Beta	Tritium	Gamma	Strontium	524.2	624	Nuclide-specific Alpha	PCBs	Metals	Nitrate Chloride / Sulfate		

Type		Sample Information					Additional Sample Information																
LID	UID	Sm	Coll	Site ID/Bldg/Life #	Depth/RWP	Date	Time	Matrix	Name/Description	Cont. Vol./Units	Cont. Type	# of Cans	Preservative	Alpha/Beta	Tritium	Gamma	Strontium	524.2	624	Nuclide-specific Alpha	PCBs	Metals	
	004	g		Well 7	99-150	7/19/05	1035	W	potable wells	500ml	P	1	H2SO4										
	004			"	"	"	"	"	"	250ml	P	1	"										
	005			BD-1 - Well #12					Blind duplicate	4L	P	1	HNO3	X		X	X						
	005									250ml	Ag	1	"	X									
	005									500ml	P	1	HNO3									X	
	005									500ml	P	1	H2SO4									X	
	005									250ml	P	1	"									X	
	002	A		TB-1	0	7/19/05	0900	W	Trip Blank	40ml	SL	3	HCL					X					

1 Relinquished By/Date/Time		2 Relinquished By/Date/Time		3 Relinquished By/Date/Time	
Print	<b>C. Ogeke 7/20/05</b>	Print		Print	
Signature	<i>C. Ogeke</i>	Signature		Signature	
1 Received By/Date/Time		2 Received By/Date/Time		3 Received By/Date/Time	
Print	<b>J. Clark 7.21.05</b>	Print		Print	
Signature	<i>J. Clark</i>	Signature		Signature	

Contractor Lab Sample Disposal:

Return To Client  Disposal by Lab

Archive For \_\_\_\_\_ Months

Data Package:  Full  Summary

Turn-Around Time Required:

Rush (1 Day)  14 Days  30 Days

7 Days  Other ( )

## Brookhaven National Labs

Client Sample ID: 21406-004

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: F5G210316-004  
 Work Order: HF1WK  
 Matrix: WATER

Date Collected: 07/19/05 1035  
 Date Received: 07/21/05 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	-6.6	U	6.7	11	07/22/05	07/23/05	5203270	
Beryllium 7	-9	U	34	61	07/22/05	07/23/05	5203270	
Cesium 134	-1.4	U	4.9	8.5	07/22/05	07/23/05	5203270	
Cesium 137	1	U	6.1	12	07/22/05	07/23/05	5203270	
Cobalt 57	0.1	U	20	36	07/22/05	07/23/05	5203270	
Cobalt 60	-2.0	U	7.3	14	07/22/05	07/23/05	5203270	
Europium 152	3	U	13	23	07/22/05	07/23/05	5203270	
Europium 154	4	U	42	81	07/22/05	07/23/05	5203270	
Europium 155	2.7	U	9.6	17	07/22/05	07/23/05	5203270	
Manganese 54	-0.1	U	4.9	9.0	07/22/05	07/23/05	5203270	
Sodium 22	0.7	U	5.4	11	07/22/05	07/23/05	5203270	
Zinc 65	-1	U	11	21	07/22/05	07/23/05	5203270	
<b>SR-90 BY GFPC EPA-905 MOD</b>				<b>pCi/L</b>	<b>905 MOD</b>			
Strontium 90	0.23	U	0.40	0.67	07/22/05	08/02/05	5203069	63
<b>GROSS A/B BY GFPC EPA 900.0 MOD</b>				<b>pCi/L</b>	<b>900.0 MOD</b>			
Gross Alpha	0.57	U	0.71	1.2	07/22/05	07/25/05	5203119	
Gross Beta	0.7	U	1.0	1.7	07/22/05	07/25/05	5203119	
<b>TRITIUM (Distill) by EPA 906.0 MOD</b>				<b>pCi/L</b>	<b>906.0 MOD</b>			
Tritium	80	U	180	310	07/22/05	07/23/05	5203120	

Well # 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.

**Brookhaven National Labs**

**Client Sample ID: 21406-002**

**Severn Trent Laboratories - Radiochemistry**

Lab Sample ID: F5G210316-002  
 Work Order: HF1WE  
 Matrix: WATER

Date Collected: 07/19/05 1020  
 Date Received: 07/21/05 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>901.1 MOD</b>			
Americium 241	-1.6	U	6.3	11	07/22/05	07/23/05	5203270	
Beryllium 7	-12	U	36	64	07/22/05	07/23/05	5203270	
Cesium 134	-6.1	U	5.1	7.8	07/22/05	07/23/05	5203270	
Cesium 137	5.6	U	6.2	12	07/22/05	07/23/05	5203270	
Cobalt 57	-5	U	21	37	07/22/05	07/23/05	5203270	
Cobalt 60	3.1	U	4.8	11	07/22/05	07/23/05	5203270	
Europium 152	-0.7	U	13	22	07/22/05	07/23/05	5203270	
Europium 154	-30	U	48	81	07/22/05	07/23/05	5203270	
Europium 155	3.6	U	8.7	16	07/22/05	07/23/05	5203270	
Manganese 54	1.0	U	5.3	10	07/22/05	07/23/05	5203270	
Sodium 22	3.7	U	5.4	12	07/22/05	07/23/05	5203270	
Zinc 65	-5	U	11	19	07/22/05	07/23/05	5203270	
<b>SR-90 BY GFPC EPA-905 MOD</b>					<b>905 MOD</b>			
Strontium 90	0.01	U	0.39	0.65	07/22/05	08/02/05	5203069	76
<b>GROSS A/B BY GFPC EPA 900.0 MOD</b>					<b>900.0 MOD</b>			
Gross Alpha	0.11	U	0.56	1.0	07/22/05	07/25/05	5203119	
Gross Beta	1.2	U	1.0	1.7	07/22/05	07/25/05	5203119	
<b>TRITIUM (Distill) by EPA 906.0 MOD</b>					<b>906.0 MOD</b>			
Tritium	110	U	180	310	07/22/05	07/23/05	5203120	

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: 21406-001

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: F5G210316-001  
 Work Order: HF1V5  
 Matrix: WATER

Date Collected: 07/19/05 1007  
 Date Received: 07/21/05 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	-1.5	U	7.4	13	07/22/05	07/23/05	5203270	
Beryllium 7	47	U	37	77	07/22/05	07/23/05	5203270	
Cesium 134	-1.1	U	4.9	7.9	07/22/05	07/23/05	5203270	
Cesium 137	-0.9	U	5.3	9.6	07/22/05	07/23/05	5203270	
Cobalt 57	-17	U	20	33	07/22/05	07/23/05	5203270	
Cobalt 60	-2.6	U	5.7	10	07/22/05	07/23/05	5203270	
Europium 152	18	U	13	26	07/22/05	07/23/05	5203270	
Europium 154	16	U	40	83	07/22/05	07/23/05	5203270	
Europium 155	3.7	U	9.6	18	07/22/05	07/23/05	5203270	
Manganese 54	-5.1	U	5.0	7.8	07/22/05	07/23/05	5203270	
Sodium 22	-1.7	U	5.0	9.2	07/22/05	07/23/05	5203270	
Zinc 65	8.5	U	9.1	21	07/22/05	07/23/05	5203270	
<b>SR-90 BY GFPC EPA-905 MOD</b>				<b>pci/L</b>		<b>905 MOD</b>		
Strontium 90	0.28	U	0.34	0.55	07/22/05	08/02/05	5203069	72
<b>GROSS A/B BY GFPC EPA 900.0 MOD</b>				<b>pci/L</b>		<b>900.0 MOD</b>		
Gross Alpha	-0.49	U	0.48	1.2	07/22/05	07/25/05	5203119	
Gross Beta	1.4	U	1.0	1.6	07/22/05	07/25/05	5203119	
<b>TRITIUM (Distill) by EPA 906.0 MOD</b>				<b>pci/L</b>		<b>906.0 MOD</b>		
Tritium	220	U	190	310	07/22/05	07/23/05	5203120	

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.

**Brookhaven National Labs**  
**Client Sample ID: 21406-005**  
**Severn Trent Laboratories - Radiochemistry**

Lab Sample ID: F5G210316-005  
 Work Order: HPLW1  
 Matrix: WATER

Date Collected: 07/19/05 0000  
 Date Received: 07/21/05 0900

Parameter	Result	Qual	Recal Unrec.	(2 σ/-)	MDC	Prep Date	Analysis Date	Batch #	YLD %
<b>Gamma Cs-137 &amp; Hits by EPA 901.1 MOD</b>									
Americium 241	-3.8	U	7.0		11	07/22/05	07/23/05	5203270	
Beryllium 7	-5	U	34		62	07/22/05	07/23/05	5203270	
Cesium 134	-4.8	U	5.3		8.5	07/22/05	07/23/05	5203270	
Cesium 137	3.0	U	5.0		10	07/22/05	07/23/05	5203270	
Cobalt 57	0.6	U	22		39	07/22/05	07/23/05	5203270	
Cobalt 60	6.2	U	6.5		14	07/22/05	07/23/05	5203270	
Europium 152	-8	U	12		21	07/22/05	07/23/05	5203270	
Europium 154	32	U	42		90	07/22/05	07/23/05	5203270	
Europium 155	0.7	U	8.9		16	07/22/05	07/23/05	5203270	
Manganese 54	5.9	U	4.9		11	07/22/05	07/23/05	5203270	
Sodium 22	3.4	U	4.5		11	07/22/05	07/23/05	5203270	
Zinc 65	-7	U	12		21	07/22/05	07/23/05	5203270	
<b>SR-90 BY GFPC EPA-905 MOD</b>									
Strontium 90	0.65	U	0.45		0.71	07/22/05	08/02/05	5203069	62
<b>GROSS A/B BY GFPC EPA 900.0 MOD</b>									
Gross Alpha	0.22	U	0.64		1.2	07/22/05	07/25/05	5203119	
Gross Beta	1.4	U	1.0		1.6	07/22/05	07/25/05	5203119	
<b>TITRUM (Distill) by EPA 906.0 MOD</b>									
Tritium	210	U	200		310	07/22/05	07/23/05	5203120	

Well #12  
 Duplicate analysis

**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.  
 '5G210316-21406

**ATTACHMENT V**

**Brookhaven National Laboratory**

**Potable Water Supply**

**2005 Third Quarter Principal Organic Compound Analyses**

**for the BNL Potable Water Distribution System**

**and Potable Water Wells.**

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# 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. : 0507277-009

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

Federal ID : 5111891

Client ID. : 20891-009

Collected : 7/8/2005 11:40:00 AM Point No: 093-07  
Received : 7/8/2005 3:30:00 PM Location: Well #6 Raw

Collected By CLIENT

Copy : Original

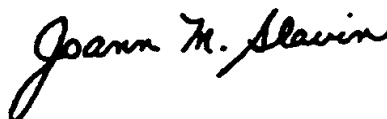
CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
Chloromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	07/13/2005 12:59 PM
Bromomethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
Chloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
Chloroform	2.1		1	µg/L	50	E502.2	07/13/2005 12:59 PM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	07/13/2005 12:59 PM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	07/13/2005 12:59 PM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
Bromoform	< 0.5		1	µg/L	50	E502.2	07/13/2005 12:59 PM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM

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

Date Reported : 8/1/2005

Laboratory Manager



BNLM163 A35



# 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. : 0507277-009

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

Federal ID : 5111891

Client ID. : 20891-009

Collected : 7/8/2005 11:40:00 AM Point No: 093-07  
Received : 7/8/2005 3:30:00 PM Location: Well #6 Raw

Collected By CLIENT

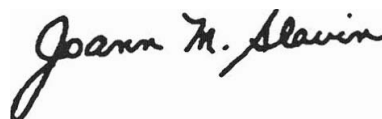
Copy : Original

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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	07/13/2005 12:59 PM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
Benzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
Toluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
o-Xylene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
Styrene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	07/13/2005 12:59 PM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 12:59 PM

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

Date Reported : 8/1/2005



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. : 0507277-010

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

Federal ID : 5111891

Client ID. : 20891-010

Collected : 7/8/2005 11:35:00 AM

Point No: 092-03

Received : 7/8/2005 3:30:00 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	07/13/2005 1:47 PM
Chloromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	07/13/2005 1:47 PM
Bromomethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
Chloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
Chloroform	0.8		1	µg/L	50	E502.2	07/13/2005 1:47 PM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	07/13/2005 1:47 PM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	07/13/2005 1:47 PM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
Bromoform	< 0.5		1	µg/L	50	E502.2	07/13/2005 1:47 PM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM

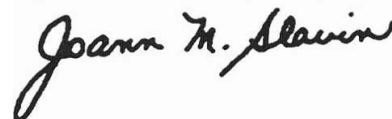
Result(s) reported meet(s) Regulatory Limit(s).

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

D.F. = Dilution Factor

Date Reported : 8/1/2005

Page 3 of 20



Laboratory Manager

BNLMI63 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. : 0507277-010

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

Federal ID : 5111891

Client ID. : 20891-010

Collected : 7/8/2005 11:35:00 AM

Point No: 092-03

Received : 7/8/2005 3:30:00 PM

Location: Well #7 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	07/13/2005 1:47 PM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
Benzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
Toluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
o-Xylene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
Styrene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	07/13/2005 1:47 PM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 PM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 1:47 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 : 8/1/2005

*Joann M. Slavin*

Laboratory Manager

BNLM163 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. : 0507277-013

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

Federal ID : 5111891

Client ID. : 20891-013

Collected : 7/8/2005 10:10:00 AM

Point No: 055-09

Received : 7/8/2005 3:30:00 PM

Location: Well #10 Raw

Collected By CLIENT

Copy : Original

CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
Chloromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	07/13/2005 4:12 PM
Bromomethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
Chloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
Chloroform	< 0.5		1	µg/L	50	E502.2	07/13/2005 4:12 PM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	07/13/2005 4:12 PM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	07/13/2005 4:12 PM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
Bromoform	0.6		1	µg/L	50	E502.2	07/13/2005 4:12 PM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 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 : 8/1/2005

*Joann M. Slavin*

Laboratory Manager

# H2M LABS, INC.

575 Broad Hollow Road, Melville NY 11747  
(631) 664-3040 . FAX: (631) 420-8436 NYSDOHID# 10478

## LABORATORY RESULTS

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

Lab No. : 0507277-013

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

Federal ID : 5111891

Client ID. : 20891-013

Collected : 7/8/2005 10:10:00 AM

Point No: 055-09

Received : 7/8/2005 3:30:00 PM

Location: Well #10 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	07/13/2005 4:12 PM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
Benzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
Toluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
o-Xylene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
Styrene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	07/13/2005 4:12 PM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 PM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 4:12 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 : 8/1/2005

Page 10 of 20

*Joann M. Slavin*

Laboratory Manager

BNLM163 A48

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0507277-011

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

Federal ID : 5111891

Client ID. : 20891-011

Collected : 7/8/2005 10:30:00 AM Point No: 056-19  
Received : 7/8/2005 3:30:00 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	07/13/2005 2:35 PM
Chloromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	07/13/2005 2:35 PM
Bromomethane	< 0.5			µg/L	5	E502.2	07/13/2005 2:35 PM
Chloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
1,1-Dichloroethene	< 0.5			µg/L	5	E502.2	07/13/2005 2:35 PM
Methylene chloride	< 0.5			µg/L	5	E502.2	07/13/2005 2:35 PM
trans-1,2-Dichloroethene	< 0.5			µg/L	5	E502.2	07/13/2005 2:35 PM
1,1-Dichloroethane	< 0.5			µg/L	5	E502.2	07/13/2005 2:35 PM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
2,2-Dichloropropane	< 0.5		1		5	E502.2	07/13/2005 2:35 PM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
Chloroform	< 0.5		1	µg/L	50	E502.2	07/13/2005 2:35 PM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
1,2-Dichloropropane	< 0.5			µg/L	5	E502.2	07/13/2005 2:35 PM
Dibromomethane	< 0.5			µg/L	5	E502.2	07/13/2005 2:35 PM
Bromodichloromethane	< 0.5			µg/L	50	E502.2	07/13/2005 2:35 PM
trans-1,3-Dichloropropene	< 0.5			µg/L	5	E502.2	07/13/2005 2:35 PM
cis-1,3-Dichloropropene	< 0.5			µg/L	5	E502.2	07/13/2005 2:35 PM
1,1,2-Trichloroethane	< 0.5			µg/L	5	E502.2	07/13/2005 2:35 PM
Tetrachloroethene	< 0.5			µg/L	5	E502.2	07/13/2005 2:35 PM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	07/13/2005 2:35 PM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
Bromoform	< 0.5		1	µg/L	50	E502.2	07/13/2005 2:35 PM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 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 : 8/1/2005

*Joann M. Slavin*

Laboratory Manager

BNLM163 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. : 0507277-011

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

Federal ID : 5111891

Client ID. : 20891-011

Collected : 7/8/2005 10:30:00 AM

Point No: 056-19

Received : 7/8/2005 3:30:00 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
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
Benzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
Toluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
o-Xylene	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
Styrene	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	07/13/2005 2:35 PM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 PM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 2:35 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 : 8/1/2005

*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. : 0507277-012

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

Federal ID : 5111891

Client ID. : 20891-012

Collected : 7/8/2005 10:40:00 AM

Point No: 056-20

Received : 7/8/2005 3:30:00 PM

Location: Well #12 Raw

Collected By CLIENT

Copy : Original

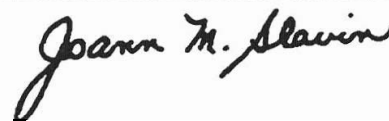
CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
Chloromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	07/13/2005 3:24 PM
Bromomethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
Chloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
Chloroform	< 0.5		1	µg/L	50	E502.2	07/13/2005 3:24 PM
1,1,1-Trichloroethane	0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	07/13/2005 3:24 PM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	07/13/2005 3:24 PM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
Bromoform	< 0.5		1	µg/L	50	E502.2	07/13/2005 3:24 PM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 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 : 8/1/2005

Laboratory Manager



BNLM163 A44



# 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. : 0507277-012

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

Federal ID : 5111891

Client ID. : 20891-012

Collected : 7/8/2005 10:40:00 AM

Point No: 056-20

Received : 7/8/2005 3:30:00 PM

Location: Well #12 Raw

Collected By CLIENT

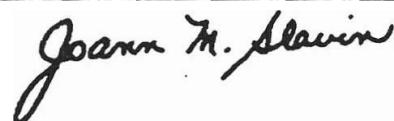
Copy : Original

CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
Benzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
Toluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
o-Xylene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
Styrene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	07/13/2005 3:24 PM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 PM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 3:24 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 : 8/1/2005



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. : 0507277-015

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

Federal ID : 5111891

Client ID. : 20891-015

Collected : 7/8/2005 11:45:00 AM Point No: 073-10  
Received : 7/8/2005 3:30:00 PM Location: Bldg. 624 WTP

Collected By CLIENT

Copy : Original

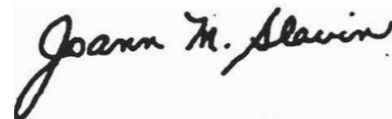
CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
Chloromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	07/13/2005 5:01 PM
Bromomethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
Chloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
Chloroform	1.2		1	µg/L	50	E502.2	07/13/2005 5:01 PM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
Bromodichloromethane	2.0		1	µg/L	50	E502.2	07/13/2005 5:01 PM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
Dibromochloromethane	1.4		1	µg/L	50	E502.2	07/13/2005 5:01 PM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
Bromoform	< 0.5		1	µg/L	50	E502.2	07/13/2005 5:01 PM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 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 : 8/1/2005

Laboratory Manager



BNLM163 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. : 0507277-015

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

Federal ID : 5111891

Client ID. : 20891-015

Collected : 7/8/2005 11:45:00 AM

Point No: 073-10

Received : 7/8/2005 3:30:00 PM

Location: Bldg. 624 WTP

Collected By CLIENT

Copy : Original

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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
Benzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
Toluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
o-Xylene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
Styrene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	07/13/2005 5:01 PM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 PM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:01 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 : 8/1/2005

Page 12 of 20

*Joann M. Slavin*

Laboratory Manager

BNLM163 A52

# 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. : 0507277-021

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

Federal ID : 5111891

Client ID. : 20891-021

Collected : 7/8/2005 10:15:00 AM

Point No: 055-38

Received : 7/8/2005 3:30:00 PM

Location: Well #10 Treated

Collected By CLIENT

Copy : Original

CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
Chloromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	07/13/2005 7:26 PM
Bromomethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
Chloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
Chloroform	< 0.5		1	µg/L	50	E502.2	07/13/2005 7:26 PM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	07/13/2005 7:26 PM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	07/13/2005 7:26 PM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
Bromoform	< 0.5		1	µg/L	50	E502.2	07/13/2005 7:26 PM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 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 : 8/1/2005

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. : 0507277-021

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

Federal ID : 5111891

Client ID. : 20891-021

Collected : 7/8/2005 10:15:00 AM

Point No: 055-38

Received : 7/8/2005 3:30:00 PM

Location: Well #10 Treated

Collected By CLIENT

Copy : Original

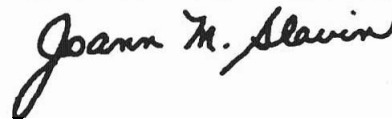
CC

<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>
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
Benzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
Toluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
o-Xylene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
Styrene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	07/13/2005 7:26 PM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 PM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 7:26 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 : 8/1/2005

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. : 0507277-017

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

Federal ID : 5111891

Client ID. : 20891-017

Collected : 7/8/2005 10:35:00 AM

Point No: 056-33

Received : 7/8/2005 3:30:00 PM

Location: Well #11 Treated

Collected By CLIENT

Copy : Original

CC

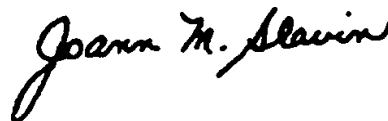
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
Chloromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	07/13/2005 5:49 PM
Bromomethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
Chloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
Chloroform	< 0.5		1	µg/L	50	E502.2	07/13/2005 5:49 PM
1,1,1-Trichloroethane	0.7		1	µg/L	5	E502.2	07/13/2005 5:49 PM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	07/13/2005 5:49 PM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	07/13/2005 5:49 PM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
Bromoform	< 0.5		1	µg/L	50	E502.2	07/13/2005 5:49 PM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 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 : 8/1/2005

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Laboratory Manager



BNLM163 A54

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0507277-017

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

Federal ID : 5111891

Client ID. : 20891-017

Collected : 7/8/2005 10:35:00 AM

Point No: 056-33

Received : 7/8/2005 3:30:00 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	07/13/2005 5:49 PM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
Benzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
Toluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
o-Xylene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
Styrene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	07/13/2005 5:49 PM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 PM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 5:49 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 : 8/1/2005



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. : 0507277-019

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

Federal ID : 5111891

Client ID. : 20891-019

Collected : 7/8/2005 10:45:00 AM

Point No: 056-34

Received : 7/8/2005 3:30:00 PM

Location: Well #12 Treated

Collected By CLIENT

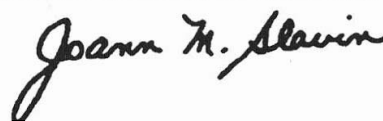
Copy : Original

CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
Chloromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	07/13/2005 6:38 PM
Bromomethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
Chloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
Chloroform	< 0.5		1	µg/L	50	E502.2	07/13/2005 6:38 PM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	07/13/2005 6:38 PM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	07/13/2005 6:38 PM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
Bromoform	< 0.5		1	µg/L	50	E502.2	07/13/2005 6:38 PM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 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 : 8/1/2005



Laboratory Manager



# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0507277-019

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

Federal ID : 5111891

Client ID. : 20891-019

Collected : 7/8/2005 10:45:00 AM

Point No: 056-34

Received : 7/8/2005 3:30:00 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	07/13/2005 6:38 PM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
Benzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
Toluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
o-Xylene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
Styrene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	07/13/2005 6:38 PM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 PM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	07/13/2005 6:38 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 : 8/1/2005

Laboratory Manager



BNLM163 A58