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for the U.S. Department of Energy

May 9, 2008

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 April 2008**

In accordance with the requirements of the BNL Potable Water System Sampling Plan and the 2008 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 April.
- Attachment II: April 2008 Biweekly and Second Quarter Water Quality Monitoring Data for the BNL Distribution System and Potable Water Wells.
- Attachment III: April 2008 Stage 1 Disinfectants & Disinfection Byproduct Rule Monitoring Data and Bacteriological Analyses for the BNL Distribution System.
- Attachment IV: 2008 Second Quarter Radiological Analyses for the BNL Potable Water Wells.
- Attachment V: 2008 Second Quarter Principal Organic Compound Analyses for the BNL Potable Water Distribution System and Potable Water Wells.
- Attachment VI: 2008 Second Quarter Bacteriological Analyses for the BNL Potable Water Wells and GAC/Air Stripper Treatment Systems.

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



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May 9, 2008

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 and review of the analytical data shows that BNL's potable water system complied with all drinking water requirements during this reporting period.

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/RJL:jlh

Attachments: As noted

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

File: EC61ER.08

**ATTACHMENT I**

**Brookhaven National Laboratory**

**Potable Water Supply**

**Monthly Operational Data for April 2008**

**for the BNL Potable Water System**

Water Systems Operation Report  
Water Treatment Facility - Microbiological Sample Results

Public Water System Name	Reporting Month/Year	Date Report Submitted	Source Water Type(s)
Brookhaven National Laboratory	APRIL 2008	4/30/2008	<input type="checkbox"/> Surface <input checked="" type="checkbox"/> Ground <input type="checkbox"/> GWD/DT
Public Water System ID	County	Town, Village, or City	<input type="checkbox"/> Purchase with subsequent chlorination
5111891	Suffolk	Upton, New York 11973	<input type="checkbox"/> Purchase w/out subsequent chlorination

DATE	Source(s) in Use Well(s) No.:	Treated water volume (1,000 gallons/day)	Chlorination				Other Treatments / Readings				
			Gaseous		Liquid		Free chlorine residual at entry point (mg/l) (WTF-624)	Hypochlorite used/day (WTF - 624)	pH Lime Softening (WTF-624)	pH (Incoming RAW Water)	Daily Totalizer
			Cylinder weight (lbs.)	Chlorine used per day (lbs.)	Hypochlorite (gallons Hypochlorite in Tank)						
					98					938,118	
1	7+4+6	792	NA	NA	83	1.10	15	7.3	5.7	938,910	
2	7+4+6	816	NA	NA	76	0.85	7	7.3	5.8	939,726	
3	7+4+6	846	NA	NA	65+95	0.71	11	7.2	5.8	940,572	
4	7+4+6	703	NA	NA	150	0.81	10	7.4	5.9	941,275	
5		-									
6											
7	7+4+6	4,103	NA	NA	110	1.00	40	7.1	5.6	945,378	
8	7+4+6	995	NA	NA	100	1.20	10	7.0	5.6	946,373	
9	7+4+6	838	NA	NA	90	1.20	10	7.0	5.5	947,211	
10	7+4+6	871	NA	NA	75	0.85	15	7.0	5.9	948,082	
11	7+4+6	564	NA	NA	70	0.99	5	7.2	5.8	948,646	
12		-									
13		-									
14	7+4+6	1,367	NA	NA	55+145=200	1.50	15	7.0	5.6	950,013	
15	7+4+6	490	NA	NA	190	1.00	10	7.0	5.6	950,503	
16	7+4+6	1,292	NA	NA	175	1.50	15	7.2	5.8	951,795	
17	7+4+6	784	NA	NA	170	0.95	5	7.2	5.8	952,579	
18	7+4+6	628	NA	NA	160	1.00	10	7.4	5.7	953,207	
19		-	NA	NA							
20		-	NA	NA							
21	7+4+6	1,539	NA	NA	145	0.80	15	7.4	5.8	954,746	
22	7+4+6	569	NA	NA	137	1.20	8	7.6	6.0	955,315	
23	7+4+6	572	NA	NA	130	0.90	7	7.6	5.9	955,887	
24	7+4+6	617	NA	NA	125	0.83	5	7.5	6.0	956,504	
25	7+4+6	575	NA	NA	120	1.10	5	7.4	6.0	957,079	
26		-	NA	NA							
27		-	NA	NA							
28	7+4+6	1,503	NA	NA	105	0.96	15	7.4	6.0	958,582	
29	7+4+6	532	NA	NA	100	0.50	5	7.4	6.0	959,114	
30	7+4+6	511	NA	NA	90	1.09	10	7.4	5.9	959,625	
31		-	NA	NA							
<b>Total</b>		<b>21,507</b>	<b>DAYS</b>	<b>30</b>			<b>248</b>				
<b>AVG.</b>		<b>716.90</b>					<b>11.27</b>				

Chlorine Mix Ratio = \_\_\_\_\_ quarts/gallons of \_\_\_\_\_ % chlorine added to \_\_\_\_\_ gallons of water in crock

Reported by: Lowell Ross Title: Water Systems Supervisor NYS DOH Operator Certification Number: NY0031941  
Signature: [Signature] Date: 5-2-08 Operator Grade Level 1A-SW/GUI

Public Water System Name <b>Brookhaven National Laboratory</b>	Reporting Month/Year <b>APRIL 2008</b>	Date Report Submitted <b>4/30/2008</b>	Source Water Type(s) <input type="checkbox"/> Surface <input checked="" type="checkbox"/> Ground <input type="checkbox"/> GWUDI
Public Water System ID <b>5111891</b>	County <b>Suffolk</b>	Town, Village, or City <b>Upton, New York 11973</b>	<input type="checkbox"/> Purchase with subsequent chlorination <input type="checkbox"/> Purchase w/out subsequent chlorination

DATE	Source(s) in Use Well No.: 4	Treated water volume (1,000 gallons/day)	Chlorination				Other Treatments / Readings			Daily Totalizer
			Gaseous		Liquid		Free chlorine residual at entry point (mg/l)	Hypochlorite used/day		
			Cylinder weight (lbs.)	Chlorine used per day (lbs.)	Hypochlorite (gallons Hypochlorite in Tank)					
					147				1,813,792	
1	4	208	NA	NA	144	0.03	3		1,814,000	
2	4	165	NA	NA	141	0.04	3		1,814,165	
3	4	273	NA	NA	138	0.03	3		1,814,438	
4	4	207	NA	NA	132	0.06	6		1,814,645	
5		-								
6		-								
7	4	1,407	NA	NA	123	0.25	9		1,816,052	
8	4	259	NA	NA	120	0.06	3		1,816,311	
9	4	159	NA	NA	117	0.42	3		1,816,470	
10	4	300	NA	NA	115	0.21	2		1,816,770	
11	4	98	NA	NA	114	0.11	1		1,816,868	
12		-								
13		-								
14	4	82	NA	NA	113+37=150	0.14	1		1,816,950	
15	4	75	NA	NA	150	0.08			1,817,025	
16	4	469	NA	NA	144	0.07	6		1,817,494	
17	4	221	NA	NA	138	0.03	4		1,817,715	
18	4	110	NA	NA	138	0.04			1,817,825	
19		-	NA	NA						
20		-	NA	NA						
21	4	256	NA	NA	135	0.02	3		1,818,081	
22	4	100	NA	NA	132	0.21	3		1,818,181	
23	4	75	NA	NA	132	0.11			1,818,256	
24	4	51	NA	NA	132	0.20			1,818,307	
25	4	75	NA	NA	132	0.27			1,818,382	
26		-	NA	NA						
27		-	NA	NA						
28	4	216	NA	NA	123	0.04	9		1,818,598	
29	4	34	NA	NA	123	0.15			1,818,632	
30	4	81	NA	NA	123	0.16			1,818,713	
31		-	NA	NA						
<b>Total</b>		4,921	DAYS	30			59			
<b>AVG.</b>		158.74				0.12	3.3			

Chlorine Mix Ratio = \_\_\_\_\_ quarts/gallons of \_\_\_\_\_ % chlorine added to \_\_\_\_\_ gallons of water in crock

Reported by: Lowell Ross Title: Water Systems Supervisor NYS DOH Operator Certification Number: NY0031941

Signature: *Lowell Ross* Date: 5-2-08 Operator Grade Level 1A-SW/GUI

Public Water System Name		Reporting Month/Year		Date Report Submitted		Source Water Type(s)				
Brookhaven National Laboratory		APRIL 2008		4/30/2008		<input type="checkbox"/> Surface <input checked="" type="checkbox"/> Ground <input type="checkbox"/> GWUDI <input type="checkbox"/> Purchase with subsequent chlorination <input type="checkbox"/> Purchase w/out subsequent chlorination				
Public Water System ID		County		Town, Village, or City						
5111891		Suffolk		Upton, New York 11973						
DATE	Source(s) in Use Well No.: 6	Treated water volume (1,000 gallons/day)	Chlorination				Other Treatments / Readings			Daily Totalizer
			Gaseous		Liquid		Free chlorine residual at entry point (mg/l)	Hypochlorite used/day		
			Cylinder weight (lbs.)	Chlorine used per day (lbs.)	Hypochlorite (gallons Hypochlorite in Tank)					
					150					700,973
1	6	-	NA	NA	149	0.03	1			700,973
2	6	35	NA	NA	148	0.04	1			701,008
3	6	72	NA	NA	147	0.03	1			701,080
4	6	34	NA	NA	144	0.06	3			701,114
5		-								
6		-								
7	6	267	NA	NA	144	0.25				701,381
8	6	31	NA	NA	144	0.06				701,412
9	6	58	NA	NA	144	0.42				701,470
10	6	32	NA	NA	144	0.21				701,502
11	6	-	NA	NA	144	0.11				701,502
12		-								
13		-								
14	6	37	NA	NA	144+6=150	NR	NR			701,539
15	6	35	NA	NA	150	NR	NR			701,574
16	6	88	NA	NA	144	0.07	6			701,662
17	6	113	NA	NA	144	0.03				701,775
18	6	37	NA	NA	142	0.04	2			701,812
19		-	NA	NA						
20		-	NA	NA						
21	6	83	NA	NA	140	0.02	2			701,895
22	6	43	NA	NA	140	0.21				701,938
23	6	25	NA	NA	140	0.11				701,963
24	6	2	NA	NA	140	0.20				701,965
25	6	36	NA	NA	140	0.27				702,001
26		-	NA	NA						
27		-	NA	NA						
28	6	88	NA	NA	140	0.04				702,089
29	6	24	NA	NA	140	0.15				702,113
30	6	-	NA	NA	140	0.16				702,113
31		-	NA	NA						
<b>Total</b>		1,140	DAYS	30			16			
<b>AVG.</b>		36.77				0.13	2.0			

Chlorine Mix Ratio = \_\_\_\_\_ quarts/gallons of \_\_\_\_\_ % chlorine added to \_\_\_\_\_ gallons of water in crock

Reported by: Lowell Ross Title: Water Systems Supervisor NYS DOH Operator Certification Number: NY0031941

Signature: *Lo Ross* Date: 5-2-08 Operator Grade Level 1A-SW/GUI

NEW YORK STATE DEPARTMENT OF HEALTH

Bureau of Water Supply Protection

Water Systems Operation Report

Well No. 7 - Supply to Water Treatment Facility

Public Water System Name		Reporting Month/Year		Date Report Submitted		Source Water Type(s)			
Brookhaven National Laboratory		APRIL 2008		4/30/2008		<input type="checkbox"/> Surface <input checked="" type="checkbox"/> Ground <input type="checkbox"/> GWUDI <input type="checkbox"/> Purchase with subsequent chlorination <input type="checkbox"/> Purchase w/out subsequent chlorination			
Public Water System ID		County		Town, Village, or City					
5111891		Suffolk		Upton, New York 11973					
DATE	Source(s) in Use Well No.: 7	Treated water volume (1,000 gallons/day)	Chlorination				Other Treatments / Readings		Daily Totalizer
			Gaseous		Liquid	Free chlorine residual at entry point (mg/l)	Hypochlorite used/day		
Cylinder weight (lbs.)	Chlorine used per day (lbs.)	Hypochlorite (gallons Hypochlorite in Tank)							2,498,334
					102				
1	7	733	NA	NA	93	0.03	9		2,499,067
2	7	888	NA	NA	78	0.04	15		2,499,955
3	7	643	NA	NA	69+81	0.03	9		2,500,598
4	7	656	NA	NA	141	0.06	9		2,501,254
5		-							
6		-							
7	7	3,411	NA	NA	87	0.25	54		2,504,665
8	7	905	NA	NA	75	0.06	12		2,505,570
9	7	762	NA	NA	63	0.42	12		2,506,332
10	7	795	NA	NA	51	0.21	12		2,507,127
11	7	593	NA	NA	42+108=150	0.11	9		2,507,720
12		-							
13		-							
14	7	1,500	NA	NA	125	0.14	25		2,509,220
15	7	481	NA	NA	118	0.08	7		2,509,701
16	7	1,126	NA	NA	105	0.07	13		2,510,827
17	7	717	NA	NA	90	0.03	15		2,511,544
18	7	663	NA	NA	75+75	0.04	15		2,512,207
19		-	NA	NA					
20		-	NA	NA					
21	7	1,567	NA	NA	132	0.02	18		2,513,774
22	7	559	NA	NA	120	0.21	12		2,514,333
23	7	591	NA	NA	111	0.11	9		2,514,924
24	7	671	NA	NA	102	0.20	9		2,515,595
25	7	585	NA	NA	96	0.27	8		2,516,180
26		-	NA	NA					
27		-	NA	NA					
28	7	1,558	NA	NA	66	0.04	30		2,517,738
29	7	542	NA	NA	60	0.15	6		2,518,280
30	7	554	NA	NA	48	0.16	12		2,518,834
31		-	NA	NA					
<b>Total</b>		20,500	DAYS	30	1761		320		
<b>AVG.</b>		661.29				0.12	14.5		

Chlorine Mix Ratio = \_\_\_\_\_ quarts/gallons of \_\_\_\_\_ % chlorine added to \_\_\_\_\_ gallons of water in crock

Reported by: Lowell Ross Title: Water Systems Supervisor NYS DOH Operator Certification Number: NY0031941

Signature: [Signature] Date: 5-2-08 Operator Grade Level: 1A-SW/GUI

Public Water System Name <b>Brookhaven National Laboratory</b>	Reporting Month/Year <b>APRIL 2008</b>	Date Report Submitted <b>4/30/2008</b>	Source Water Type(s) <input type="checkbox"/> Surface <input checked="" type="checkbox"/> Ground <input type="checkbox"/> GWUDI
Public Water System ID <b>5111891</b>	County <b>Suffolk</b>	Town, Village, or City <b>Upton, New York 11973</b>	<input type="checkbox"/> Purchase with subsequent chlorination <input type="checkbox"/> Purchase w/out subsequent chlorination

DATE	Source(s) in Use Well No.: 10	Treated water volume (1,000 gallons/day)	Chlorination				Other Treatments / Readings			Daily Totalizer
			Gaseous		Liquid		Free chlorine residual at entry point (mg/l)	Hypochlorite used/day	pH Sodium Hydroxide	
			Cylinder weight (lbs.)	Chlorine used per day (lbs.)	Hypochlorite (gallons)	Hypochlorite in Tank				
1	10	-	NA	NA		NR	NR	NR	772,460	
2	10	-	NA	NA		NR	NR	NR	772,460	
3	10	-	NA	NA		NR	NR	NR	772,460	
4	10	-	NA	NA		NR	NR	NR	772,460	
5		-								
6		-								
7	10	-	NA	NA		NR	NR	NR	772,460	
8	10	-	NA	NA		NR	NR	NR	772,460	
9	10	-	NA	NA		NR	NR	NR	772,460	
10	10	-	NA	NA		NR	NR	NR	772,460	
11	10	-	NA	NA		NR	NR	NR	772,460	
12		-								
13		-								
14	10	-	NA	NA		NR	NR	NR	772,460	
15	10	-	NA	NA		NR	NR	NR	772,460	
16	10	-	NA	NA		NR	NR	NR	772,460	
17	10	-	NA	NA		NR	NR	NR	772,460	
18	10	-	NA	NA		NR	NR	NR	772,460	
19		-	NA	NA						
20		-	NA	NA						
21	10	-	NA	NA		NR	NR	NR	772,460	
22	10	-	NA	NA		NR	NR	NR	772,460	
23	10	-	NA	NA		NR	NR	NR	772,460	
24	10	-	NA	NA		NR	NR	NR	772,460	
25	10	-	NA	NA		NR	NR	NR	772,460	
26		-	NA	NA						
27		-	NA	NA						
28	10	-	NA	NA		NR	NR	NR	772,460	
29	10	-	NA	NA		NR	NR	NR	772,460	
30	10	-	NA	NA		NR	NR	NR	772,460	
31		-	NA	NA						
<b>Total</b>		-	<b>DAYS</b>	<b>30</b>						
<b>AVG.</b>		-								

Chlorine Mix Ratio = \_\_\_\_\_ quarts/gallons of \_\_\_\_\_ % chlorine added to \_\_\_\_\_ gallons of water in crock

Reported by: Lowell Ross Title: Water Systems Supervisor NYS DOH Operator Certification Number: NY0031941  
 Signature: *Lowell Ross* Date: 5-2-08 Operator Grade Level: 1A-SW/GUI



Public Water System Name		Reporting Month/Year		Date Report Submitted		Source Water Type(s)				
Brookhaven National Laboratory		APRIL 2008		4/30/2008		<input type="checkbox"/> Surface <input checked="" type="checkbox"/> Ground <input type="checkbox"/> GWUDI <input type="checkbox"/> Purchase with subsequent chlorination <input type="checkbox"/> Purchase w/out subsequent chlorination				
Public Water System ID		County		Town, Village, or City						
5111891		Suffolk		Upton, New York 11973						
DATE	Source(s) In Use Well No.: 11	Treated water volume (1,000 gallons/day)	Chlorination				Other Treatments / Readings			Daily Totalizer
			Gaseous		Liquid		Free chlorine residual at entry point (mg/l)	Hypochlorite used/day	pH Sodium Hydroxide	
Cylinder weight (lbs.)	Chlorine used per day (lbs.)	Hypochlorite (gallons Hypochlorite in Tank)								
					99					741,692
1	11	-	NA	NA	99	NR	NR	NR		741,692
2	11	-	NA	NA	99	NR	NR	NR		741,692
3	11	-	NA	NA	99+47	NR	NR	NR		741,692
4		49	NA	NA	146	NR	4	NR		741,741
5		-								
6		-								
7	11	-	NA	NA	150	NR	NR	NR		741,741
8	11	-	NA	NA	150	NR	NR	NR		741,741
9	11	-	NA	NA	150	NR	NR	NR		741,741
10	11	-	NA	NA	150	NR	NR	NR		741,741
11	11	-	NA	NA	150	NR	NR	NR		741,741
12		-								
13		-								
14	11	-	NA	NA	150	NR	NR	NR		741,741
15	11	19	NA	NA	150	NR	NR	NR		741,760
16	11	-	NA	NA	150	NR	NR	NR		741,760
17	11	-	NA	NA	150	NR	NR	NR		741,760
18	11	-	NA	NA	150	NR	NR	NR		741,760
19		-	NA	NA						
20		-	NA	NA						
21	11	-	NA	NA	150	NR	NR	NR		741,760
22	11	-	NA	NA	150	NR	NR	NR		741,760
23	11	-	NA	NA	150	NR	NR	NR		741,760
24	11	-	NA	NA	150	NR	NR	NR		741,760
25	11	14	NA	NA	150	NR	NR	NR		741,774
26		-	NA	NA						
27		-	NA	NA						
28	11	-	NA	NA	150	NR	NR	NR		741,774
29	11	-	NA	NA	150	NR	NR	NR		741,774
30	11	-	NA	NA	150	NR	NR	NR		741,774
31		-	NA	NA						
<b>Total</b>		82	DAYS	30			4			
<b>AVG.</b>		2.65					4.0			

Chlorine Mix Ratio = \_\_\_\_\_ quarts/gallons of \_\_\_\_\_ % chlorine added to \_\_\_\_\_ gallons of water in crock

Reported by: Lowell Ross Title: Water Systems Supervisor NYS DOH Operator Certification Number: NY0031941

Signature: [Signature] Date: 5-7-08

Operator Grade Level: 1A-SW/GUI

Water Systems Operation Report  
Well No. 12 - Direct Supply to Distribution System

Public Water System Name <b>Brookhaven National Laboratory</b>	Reporting Month/Year <b>APRIL 2008</b>	Date Report Submitted <b>4/30/2008</b>	Source Water Type(s) <input type="checkbox"/> Surface <input checked="" type="checkbox"/> Ground <input type="checkbox"/> GWAUDI
Public Water System ID <b>5111891</b>	County <b>Suffolk</b>	Town, Village, or City <b>Upton, New York 11973</b>	<input type="checkbox"/> Purchase with subsequent chlorination <input type="checkbox"/> Purchase w/out subsequent chlorination

DATE	Source(s) in Use Well No.: 12	Treated water volume (1,000 gallons/day)	Chlorination				Other Treatments / Readings			Daily Totalizer
			Gaseous		Liquid	Free chlorine residual at entry point (mg/l)	Hypochlorite used/day	pH Sodium Hydroxide		
			Cylinder weight (lbs.)	Chlorine used per day (lbs.)	Hypochlorite (gallons Hypochlorite in Tank)					
					150				864,369	
1	12	-	NA	NA	150	NR	NR	NR	864,369	
2	12	-	NA	NA	150	NR	NR	NR	864,369	
3	12	-	NA	NA	150	NR	NR	NR	864,369	
4	12	48	NA	NA	141	NR	9	NR	864,417	
5		-								
6		-								
7	12	1,792	NA	NA	123	NR	18	NR	866,209	
8	12	-	NA	NA	123	NR	NR	NR	866,209	
9	12	-	NA	NA	123	NR	NR	NR	866,209	
10	12	-	NA	NA	123	NR	NR	NR	866,209	
11	12	-	NA	NA	123	NR	NR	NR	866,209	
12		-								
13		-								
14	12	-	NA	NA	123	NR	NR	NR	866,209	
15	12	15	NA	NA	123	NR	NR	NR	866,224	
16	12	292	NA	NA	123	NR	NR	NR	866,516	
17	12	-	NA	NA	123	NR	NR	NR	866,516	
18	12	-	NA	NA	123	NR	NR	NR	866,516	
19		-	NA	NA						
20		-	NA	NA						
21	12	-	NA	NA	123	NR	NR	NR	866,516	
22	12	-	NA	NA	123	NR	NR	NR	866,516	
23	12	-	NA	NA	123	NR	NR	NR	866,516	
24	12	-	NA	NA	123	NR	NR	NR	866,516	
25	12	14	NA	NA	123	NR	NR	NR	866,530	
26		-	NA	NA						
27		-	NA	NA						
28	12	-	NA	NA	123	NR	NR	NR	866,530	
29	12	-	NA	NA	123	NR	NR	NR	866,530	
30	12	-	NA	NA	123	NR	NR	NR	866,530	
31		-	NA	NA						
<b>Total</b>		2,161	DAYS	30			27			
<b>AVG.</b>		69.71					13.5			

Chlorine Mix Ratio = \_\_\_\_\_ quarts/gallons of \_\_\_\_\_ % chlorine added to \_\_\_\_\_ gallons of water in crock

Reported by: Lowell Ross Title: Water Systems Supervisor NYS DOH Operator Certification Number: NY0031941  
 Signature: *Lowell Ross* Date: 5-2-08 Operator Grade Level: 1A-SW/GUI

4/30/2008

PUMP DATA APRIL 2008

Date	Well 4	Well 6	Well 7	Well10	Well11	Well12	Daily Total
1	208	0	733	0	0	0	941
2	165	35	888	0	0	0	1,088
3	273	72	643	0	0	0	988
4	207	34	656	0	49	48	994
5	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0
7	1,407	267	3,411	0	0	1,792	6,877
8	259	31	905	0	0	0	1,195
9	159	58	762	0	0	0	979
10	300	32	795	0	0	0	1,127
11	98	0	593	0	0	0	691
12	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0
14	82	37	1,500	0	0	0	1,619
15	75	35	481	0	19	15	625
16	469	88	1,126	0	0	292	1,975
17	221	113	717	0	0	0	1,051
18	110	37	663	0	0	0	810
19	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0
21	256	83	1,567	0	0	0	1,906
22	100	43	559	0	0	0	702
23	75	25	591	0	0	0	691
24	51	2	671	0	0	0	724
25	75	36	585	0	14	14	724
26	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0
28	216	88	1,558	0	0	0	1,862
29	34	24	542	0	0	0	600
30	81	0	554	0	0	0	635
31	0	0	0	0	0	0	0
<b>Total</b>	<b>4,921</b>	<b>1,140</b>	<b>20,500</b>	<b>0</b>	<b>82</b>	<b>2,161</b>	<b>28,804</b>

	Totalizer This Month	Totalizer Last Month	Total(x1,000) Gallons
Well 4	1,818,713	1,813,792	4,921
Well 6	702,113	700,973	1,140
Well 7	2,518,834	2,498,334	20,500
Well 10	772,460	772,460	0
Well 11	741,774	741,692	82
Well 12	866,530	864,369	2,161

AGS Water Supply Meter 697,944 692,243 5701.00

Biology Building - Well 9 6,793,150 6,793,150 0.00

**Microbiological Samples and Free Chlorine Residual**

Sample Location	Date of Sample	Sample Type 1.Routine 2.Repeat	Total Coliform Positive	E.coli Positive	Free Chlorine Residual (mg/l)	Population Served: <u>3,500</u>
B-49 WATER TOWER 094-273	4/4/2008	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.99	Number of microbiological monitoring samples required: <u>4</u>
B-640 WATER TOWER 076-408	4/4/2008	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.77	Number of microbiological monitoring samples taken: <u>7</u>
B 1005 RHIC 045-12	4/4/2008	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.87	Did an M&R violation occur? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
B 363 APART. LAUNDRY 109-19	4/4/2008	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.45	If "Yes," check reason (s) below: Actual number of samples is fewer than required Did not collect/analyze repeat sample. Did not collect/analyze for E. coli for positive total coliform from routine/repeat Did an MCL violation occur? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  If "Yes," check reason(s) below (see also Part 5, Table 6 for additional information). For systems collecting less than 40 samples per month: two or more of the samples (routine and /or repeat) are positive for total coliform (= total coliform MCL violation). For systems collecting 40 or more samples per month: more than 5% of the samples (routine and/or repeat) are positive for total coliform (= total coliform MCL violation). The original sample was E.coli positive and at least 1 repeat sample was positive for total  Reminder: System must collect a minimum of five (5) routine microbiological monitoring samples during the month following a repeat sample collection.  As required by S-1.72, "Operation of a Public Water System," a copy of this form shall be sent to your local health department by the 10th calendar day of the next reporting period.
B-725 NSLS 075-602	4/4/2008	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.81	
B 490 BLOCK 1 ACF 084-69	4/4/2008	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.7	
B490 BLOCK 4 MRC 084-68	4/4/2008	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.53	
WELL #4 083-20	4/4/2008	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	
WELL #6 093-07	4/4/2008	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	
WELL # 7 092-03	4/4/2008	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	
WELL # 10 055-09	4/4/2008	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	
WELL # 11 056-19	4/4/2008	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	
WELL # 12 056-20	4/4/2008	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	
WTF- PACKED TOWER B. 648 073-20	4/4/2008	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	
WELL # 10 GAC, FILTER B.648 073-20	4/4/2008	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	
WELL # 11 GAC FILTER B 655 056-31	4/4/2008	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	
WELL # 12 GAC FILTER B.657 056-32	4/4/2008	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A	
FIELD DUPLICATE B. 363 10919	4/4/2008	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.99	

Sample Collector(s): J.KULESA, G.STAWSKI.

Name of NYSDOH Certified Laboratory: H2M Labs 575 Broad Hollow Road; Melville, N.Y. 11747

Did any MCL violation occur? If so, please describe: No

Did an emergency or low pressure problem occur? Did source water bypass an existing treatment process in the system? If so, please explain.

No

Comments:

**ATTACHMENT II**

**Brookhaven National Laboratory**

**Potable Water Supply**

**April 2008 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**  
**April 2008**

Sample Location	Sample Date	pH (SU)	Temperature (Degrees F)	Conductivity ( $\mu$ hos)	Alkalinity (mg/L)	Calcium (mg/L)
WTP	4/1/08	7.3	54	209	ANR	ANR
WTP	4/3/08	7.2	54	193	ANR	ANR
WTP	4/8/08	7.0	56	100	ANR	ANR
WTP	4/10/08	7.1	55	136	ANR	ANR
WTP	4/15/08	7.0	54	157	ANR	ANR
WTP	4/17/08	7.2	54	163	ANR	ANR
WTP	4/22/08	7.6	56	175	ANR	ANR
WTP	4/24/08	7.4	56	167	ANR	ANR
WTP	4/29/08	7.4	56	174	ANR	ANR
Bldg. 49	4/4/08	7.6	52	117	16.9	7.11
Bldg. 640	4/4/08	7.1	50	132	21.4	8.15
Bldg. 363	4/4/08	7.9	55	122	18.4	8.52

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

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

## LABORATORY RESULTS

Lab No. : 0804353-001

### Sample Information...

Type : Potable Water  
Origin: Distribution

Federal ID : 5111891 Client ID. : 25080-001  
Collected : 4/4/2008 7:40:00 AM Point No: 094-273  
Received : 4/4/2008 3:00:00 PM Location: B-49 Water Tower  
Collected By JK00  
Copy : ORIGINAL

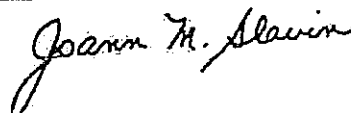
CC

<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	117		1	µmhos/cm		E120.1	04/04/2008
PH (FIELD)	7.6		1	pH Units		E150.1	04/04/2008
Temperature	11		1	°C		E170.1	04/04/2008
Total Coliform	Negative		1	N/A	Negative	M9223	04/05/2008 12:00 PM
E_Coliform	Absent		1	N/A	Absent	M9223	04/05/2008 12:00 PM
Alkalinity, Total (As CaCO3)	16.9		1	mg/L		M2320 B	04/09/2008 10:21 AM
Total Residual Chlorine	1.0		1	mg/L		M4500-CI G	04/04/2008 7:40 AM

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

Date Reported : 4/28/2008

Laboratory Manager



BNLM205 A26

# H2M LABS, INC.

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

## Sample Information

Type : Potable Water  
Origin : Distribution  
Routine

## LABORATORY RESULTS

Lab No. : 0804353-001A

Client ID. : 25080-001

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Federal ID 5111891

Collected : 4/4/2008 7:40:00 AM Point No : 094-273

Received : 4/4/2008 3:00:00 PM Location : B-49 Water Tower

Collected By : JK00

Copy : ORIGINAL

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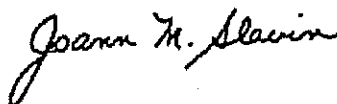
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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Calcium	7110		1	µg/L		E200.7	04/15/2008 10:14 AM

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

Date Reported : 4/28/2008



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 : Bob Lee

## LABORATORY RESULTS

Lab No. : 0804353-002

Sample Information...

Type : Potable Water

Origin: Distribution

Federal ID : 5111891

Client ID. : 25080-002

Collected : 4/4/2008 7:55:00 AM Point No: 076-408

Received : 4/4/2008 3:00:00 PM Location: B-640 Water Tower

Collected By JK00

Copy : ORIGINAL

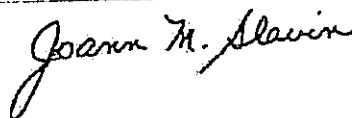
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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Specific Conductance	132		1	µmhos/cm		E120.1	04/04/2008
PH (FIELD)	7.4		1	pH Units		E150.1	04/04/2008
Temperature	10		1	°C		E170.1	04/04/2008
Total Coliform	Negative		1	N/A	Negative	M9223	04/05/2008 12:00 PM
E_Coliform	Absent		1	N/A	Absent	M9223	04/05/2008 12:00 PM
Alkalinity, Total (As CaCO3)	21.4		1	mg/L		M2320 B	04/09/2008 10:29 AM
Total Residual Chlorine	0.8		1	mg/L		M4500-Cl G	04/04/2008 7:55 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 : 4/28/2008

Laboratory Manager



BNLM205 A28

# H2M LABS, INC.

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

## Sample Information

Type : Potable Water  
Origin : Distribution  
Routine

## LABORATORY RESULTS

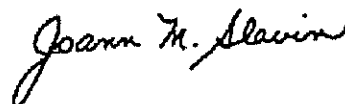
Brookhaven National Lab.-BNLM  
70 Bell Ave.  
Upton, NY 11973  
Attn To : Bob Lee

Lab No. : 0804353-002A  
Client ID. : 25080-002

Federal ID 5111891  
Collected : 4/4/2008 7:55:00 AM Point No : 076-408  
Received : 4/4/2008 3:00:00 PM Location : B-640 Water Tower  
Collected By : JK00  
Copy : ORIGINAL  
CC

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Calcium	8150		1	µg/L		E200.7	04/15/2008 10:36 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 : 4/28/2008



# 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 : Bob Lee

## LABORATORY RESULTS

Lab No. : 0804353-003

### Sample Information...

Type : Potable Water  
Origin: Distribution

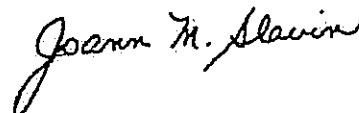
Federal ID : 5111891 Client ID. : 25080-003  
Collected : 4/4/2008 7:30:00 AM Point No: 109-19  
Received : 4/4/2008 3:00:00 PM Location: B-363 Apt.Laundry  
Collected By JK00  
Copy : ORIGINAL  
CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Specific Conductance	122		1	µmhos/cm		E120.1	04/04/2008
PH (FIELD)	7.9		1	pH Units		E150.1	04/04/2008
Temperature	13		1	°C		E170.1	04/04/2008
Total Coliform	Negative		1	N/A	Negative	M9223	04/05/2008 12:00 PM
E_Coliform	Absent		1	N/A	Absent	M9223	04/05/2008 12:00 PM
Alkalinity, Total (As CaCO3)	18.4		1	mg/L		M2320 B	04/09/2008 10:37 AM
Total Residual Chlorine	0.5		1	mg/L		M4500-CI G	04/04/2008 7:30 AM

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

Date Reported : 4/28/2008

Laboratory Manager



BNLM205 A30

# H2M LABS, INC.

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

## Sample Information

Type : Potable Water  
Origin : Distribution  
Routine

## LABORATORY RESULTS

Lab No. : 0804353-003A

Client ID. : 25080-003

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Federal ID 5111891

Collected : 4/4/2008 7:30:00 AM Point No : 109-19

Received : 4/4/2008 3:00:00 PM Location : B-363 Apt.Laundry

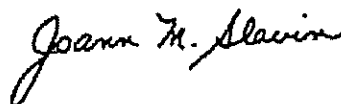
Collected By : JK00

Copy : ORIGINAL

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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Calcium	8520		1	µg/L		E200.7	04/15/2008 10:50 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 : 4/28/2008



**ATTACHMENT III**

**Brookhaven National Laboratory**

**Potable Water Supply**

**April 2008 Stage 1 Disinfectants & Disinfection Byproduct Rule**

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

Attachment III

April 2008 Stage 1 Disinfectants & Disinfection Byproduct Rule Monitoring Data  
 Table II - Maximum Residual Disinfectant Level (MRDL) Compliance

Location	Total Residual Chlorine (mg/L)											
	May 07	June 07	July 07	Aug. 07	Sept. 07	Oct. 07	Nov. 07	Dec. 07	Jan. 08	Feb. 08	Mar. 08	Apr. 08
Bldg. 49 Water Tower	0.9	0.8	0.6	0.8	0.5	1.0	0.6	0.9	0.5	0.9	0.8	1.0
Bldg. 640 Water Tower	0.8	0.5	0.5	0.6	0.7	0.6	0.7	0.5	0.5	0.5	0.8	0.8
Bldg. 363 Apt. Laundry	0.3	0.6	0.4	0.5	0.4	0.4	0.3	0.6	0.5	0.6	0.4	0.5
Bldg. 1005 RHIC	0.9	0.5	0.5	0.5	0.5	0.6	0.5	0.7	0.5	0.8	0.7	0.9
Bldg. 930 LINAC	1.5	NS	0.4	NS	1.0	NS	1.1	NS	0.7	NS	0.8	NS
Bldg. 725 NSLS	NS	0.8	NS	0.9	NS	0.7	NS	0.5	NS	1.1	NS	0.8
Bldg. 490 Outpatient Clinic	0.5	NS	0.9	NS	0.7	NS	0.8	NS	0.5	NS	0.9	NS
Bldg. 490 Block 11	0.5	NS	0.6	NS	0.4	NS	0.5	NS	0.5	NS	0.5	NS
Bldg. 490 Block 1 ACF	NS	0.6	NS	1.1	NS	0.9	NS	0.5	NS	0.4	NS	0.7
Bldg. 490 Block 4 MRC	NS	0.7	NS	0.6	NS	1.1	NS	0.9	NS	0.7	NS	0.5
Monthly Average	0.8	0.6	0.6	0.7	0.6	0.8	0.6	0.7	0.5	0.7	0.7	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

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

**LABORATORY RESULTS**

Lab No. : **0804353-001A**  
 Client ID. : 25080-001

**Sample Information**

Type : Potable Water  
 Origin : Distribution  
 Routine

Federal ID 5111891  
 Collected : 4/4/2008 7:40:00 AM Point No : 094-273  
 Received : 4/4/2008 3:00:00 PM Location : B-49 Water Tower  
 Collected By : JK00  
 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	N/A	Negative	M9223	04/05/2008 12:00 PM
E_Coliform	Absent		1	N/A	Absent	M9223	04/05/2008 12:00 PM
Total Residual Chlorine	1.0		1	mg/L		M4500-Cl G	04/04/2008 7:40 AM

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

Date Reported : 4/28/2008

*Joann M. Slavin*

# H2M LABS, INC.

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

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

## LABORATORY RESULTS

Lab No. : 0804353-002A

Client ID. : 25080-002

### Sample Information

Type : Potable Water  
Origin : Distribution  
Routine

Federal ID 5111891

Collected : 4/4/2008 7:55:00 AM Point No : 076-408

Received : 4/4/2008 3:00:00 PM Location : B-640 Water Tower

Collected By : JK00

Copy : ORIGINAL

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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Total Coliform	Negative		1	N/A	Negative	M9223	04/05/2008 12:00 PM
E_Coliform	Absent		1	N/A	Absent	M9223	04/05/2008 12:00 PM
Total Residual Chlorine	0.8		1	mg/L		M4500-Cl G	04/04/2008 7:55 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 : 4/28/2008

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 : Bob Lee

**LABORATORY RESULTS**

Lab No. : 0804353-003A  
 Client ID. : 25080-003

**Sample Information**

Type : Potable Water  
 Origin : Distribution  
 Routine

Federal ID 5111891  
 Collected : 4/4/2008 7:30:00 AM Point No : 109-19  
 Received : 4/4/2008 3:00:00 PM Location : B-363 Apt.Laundry  
 Collected By : JK00  
 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	N/A	Negative	M9223	04/05/2008 12:00 PM
E_Coliform	Absent		1	N/A	Absent	M9223	04/05/2008 12:00 PM
Total Residual Chlorine	0.5		1	mg/L		M4500-Cl G	04/04/2008 7:30 AM

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

Date Reported : 4/28/2008

*Joanna M. Blawie*

# H2M LABS, INC.

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

## Sample Information...

Type : Potable Water  
Origin: Distribution

## LABORATORY RESULTS

Lab No. : 0804353-004

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

Client ID. : 25080-004

Federal ID : 5111891  
Collected : 4/4/2008 10:15:00 AM Point No: 045-12  
Received : 4/4/2008 3:00:00 PM Location: B-1005 RHIC  
Collected By JK00  
Copy : ORIGINAL

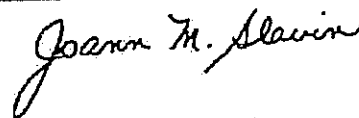
CC

<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	N/A	Negative	M9223	04/05/2008 12:00 PM
E_Coliform	Absent		1	N/A	Absent	M9223	04/05/2008 12:00 PM
Total Residual Chlorine	0.9		1	mg/L		M4500-Cl G	04/04/2008 10:15 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 : 4/28/2008

Laboratory Manager



BNLM205 A31

# H2M LABS, INC.

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

## Sample Information...

Type : Potable Water  
Origin: Distribution

## LABORATORY RESULTS

Lab No. : 0804353-005

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

Client ID. : 25080-005

Federal ID : 5111891  
Collected : 4/4/2008 10:55:00 AM Point No: 075-602  
Received : 4/4/2008 3:00:00 PM Location: B-725 NSLS  
Collected By JK00  
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	N/A	Negative	M9223	04/05/2008 12:00 PM
E_Coliform	Absent		1	N/A	Absent	M9223	04/05/2008 12:00 PM
Total Residual Chlorine	0.8		1	mg/L		M4500-Cl G	04/04/2008 10:55 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 : 4/28/2008

*Joanna M. Slavina*

Laboratory Manager

BNLM205 A32

# 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 : Bob Lee

## LABORATORY RESULTS

Lab No. : 0804353-006

Sample Information...

Type : Potable Water

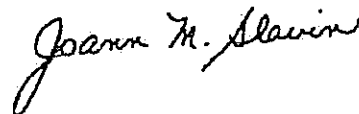
Origin: Distribution

Federal ID : 5111891 Client ID. : 25080-006  
Collected : 4/4/2008 11:10:00 AM Point No: 084-69  
Received : 4/4/2008 3:00:00 PM Location: B-490 Block 1 ACF  
Collected By JK00  
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	N/A	Negative	M9223	04/05/2008 12:00 PM
E_Coliform	Absent		1	N/A	Absent	M9223	04/05/2008 12:00 PM
Total Residual Chlorine	0.7		1	mg/L		M4500-CI G	04/04/2008 11:10 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 : 4/28/2008

Laboratory Manager

BNLM205 A33

# 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 : Bob Lee

Federal ID : 5111891

Client ID. : 25080-007

Collected : 4/4/2008 11:20:00 AM Point No: 084-68

Received : 4/4/2008 3:00:00 PM Location: B-490 Block 4 MRC

Collected By JK00

Copy : ORIGINAL

CC

## LABORATORY RESULTS

Lab No. : 0804353-007

Sample Information...

Type : Potable Water

Origin: Distribution

<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	N/A	Negative	M9223	04/05/2008 12:00 PM
E_Coliform	Absent		1	N/A	Absent	M9223	04/05/2008 12:00 PM
Total Residual Chlorine	0.5		1	mg/L		M4500-CI G	04/04/2008 11:20 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 : 4/28/2008

*Joann M. Slavin*

Laboratory Manager

BNLM205 A34

**ATTACHMENT IV**

**Brookhaven National Laboratory**

**Potable Water Supply**

**2008 Second Quarter Radiological Analyses**

**for the BNL Potable Water Wells**

**ATTACHMENT IV**

**Table 3**  
**Summary of 2008 Second 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>	<b>Radium 228 (pCi/L)</b>
Well # 4	4/14/08	< 1.0	2.1	< 310	< 0.71	< 0.48
Well # 6	4/14/08	< 1.6	1.25	< 310	< 0.76	< 0.48
Well #6 (Duplicate)	4/14/08	< 0.79	1.9	< 310	< 0.81	< 0.53
Well #7	4/14/08	1.13	< 1.6	< 310	< 0.78	< 0.48
Well # 11	4/14/08	< 1.3	1.56	< 310	< 0.89	< 0.46
Well # 12	4/14/08	< 1.4	2.85	< 320	< 0.73	< 0.42

Brookhaven National Labs

Client Sample ID: 25689-006

Radiochemistry

Lab Sample ID: F8D150253-006  
 Work Order: KLCJA  
 Matrix: WATER

Date Collected: 04/14/08 1035  
 Date Received: 04/15/08 0915

Well #4

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
<b>Gross Alpha/Beta EPA 900</b>							
				pCi/L		Batch # 8107464	Yld %
Gross Alpha	0.16	U	0.54	2.00	1.0	04/16/08	04/21/08
Gross Beta	2.1	J	1.0	4.0	1.6	04/16/08	04/21/08
<b>Gamma Cs-137 &amp; Hits by EPA 901.1 MOD</b>							
				pCi/L		Batch # 8107230	Yld %
Americium 241	-7	U	16	25	27	04/16/08	04/17/08
Beryllium 7	4	U	36	60	64	04/16/08	04/17/08
Cesium 134	0.0	U	9.4	5.0	16	04/16/08	04/17/08
Cesium 137	0.7	U	5.1	12.0	9.2	04/16/08	04/17/08
Cobalt 57	0.5	U	3.5	5.0	52	04/16/08	04/17/08
Cobalt 60	1.3	U	5.8	22.0	11	04/16/08	04/17/08
Europium 152	10	U	36	84	65	04/16/08	04/17/08
Europium 154	-1	U	44	57	81	04/16/08	04/17/08
Europium 155	0.3	U	15	359	26	04/16/08	04/17/08
Manganese 54	0.5	U	4.6	6.0	8.5	04/16/08	04/17/08
Sodium 22	0.4	U	5.3	7.0	10	04/16/08	04/17/08
Zinc 65	-3	U	12	15	22	04/16/08	04/17/08
<b>SR-90 BY GFPC EPA-905 MOD</b>							
				pCi/L		Batch # 8102057	Yld % 66
Strontium 90	-0.12	U	0.40	0.80	0.71	04/11/08	04/24/08
<b>Radium 228 by GFPC EPA 904 MOD</b>							
				pCi/L		Batch # 8106374	Yld % 78
Radium 228	0.02	U	0.27	1.00	0.48	04/15/08	04/18/08
<b>TRITIUM (Distill) by EPA 906.0 MOD</b>							
				pCi/L		Batch # 8115299	Yld %
Tritium	60	U	180	500	310	04/24/08	04/26/08

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

J Result is greater than sample detection limit but less than stated reporting limit.

U Result is less than the sample detection limit.



**Brookhaven National Labs**  
**Client Sample ID: 25689-003**

**Radiochemistry**

Lab Sample ID: F8D150253-003  
 Work Order: KLCHT  
 Matrix: WATER

Date Collected: 04/14/08 1028  
 Date Received: 04/15/08 0915

Well #6

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
<b>Gross Alpha/Beta EPA 900</b>							
				pCi/L		Batch # 8107464	Yld %
Gross Alpha	0.60	U	0.93	2.00	1.6	04/16/08	04/21/08
Gross Beta	1.25	J	0.79	4.00	1.2	04/16/08	04/21/08
<b>Gamma Cs-137 &amp; Hits by EPA 901.1 MOD</b>							
				pCi/L		Batch # 8107230	Yld %
Americium 241	4	U	14	25	23	04/16/08	04/17/08
Beryllium 7	12	U	35	60	60	04/16/08	04/17/08
Cesium 134	-0.04	U	5.5	5.0	9.7	04/16/08	04/17/08
Cesium 137	-0.3	U	5.6	12.0	10	04/16/08	04/17/08
Cobalt 57	1.1	U	3.5	5.0	50	04/16/08	04/17/08
Cobalt 60	-1.1	U	5.4	22.0	10	04/16/08	04/17/08
Europium 152	2	U	44	84	81	04/16/08	04/17/08
Europium 154	-0.6	U	43	57	80	04/16/08	04/17/08
Europium 155	12	U	14	359	23	04/16/08	04/17/08
Manganese 54	-1.4	U	5.5	6.0	9.8	04/16/08	04/17/08
Sodium 22	0.1	U	5.5	7.0	10	04/16/08	04/17/08
Zinc 65	-2	U	13	15	24	04/16/08	04/17/08
<b>SR-90 BY GFPC EPA-905 MOD</b>							
				pCi/L		Batch # 8102057	Yld % 63
Strontium 90	-0.12	U	0.43	0.80	0.76	04/11/08	04/24/08
<b>Radium 228 by GFPC EPA 904 MOD</b>							
				pCi/L		Batch # 8106374	Yld % 73
Radium 228	-0.15	U	0.25	1.00	0.48	04/15/08	04/18/08
<b>TRITIUM (Distill) by EPA 906.0 MOD</b>							
				pCi/L		Batch # 8115299	Yld %
Tritium	2	U	180	500	310	04/24/08	04/26/08

**NOTE(S)**

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

J Result is greater than sample detection limit but less than stated reporting limit.

U Result is less than the sample detection limit.

**Brookhaven National Labs**  
**Client Sample ID: 25689-005**

**Radiochemistry**

Lab Sample ID: F8D150253-005  
 Work Order: KLCH8  
 Matrix: WATER

Date Collected: 04/14/08 0000  
 Date Received: 04/15/08 0915

*Well # 6 (Duplicate)*

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
<b>Gross Alpha/Beta EPA 900</b>							
				pCi/L		Batch # 8107464	Yld %
Gross Alpha	0.05	U	0.40	2.00	0.79	04/16/08	04/21/08
Gross Beta	1.9	J	1.0	4.0	1.6	04/16/08	04/21/08
<b>Gamma Cs-137 &amp; Hits by EPA 901.1 MOD</b>							
				pCi/L		Batch # 8107230	Yld %
Americium 241	3.1	U	7.5	25.0	13	04/16/08	04/17/08
Beryllium 7	-11	U	38	60	66	04/16/08	04/17/08
Cesium 134	0.0	U	8.0	5.0	14	04/16/08	04/17/08
Cesium 137	-0.5	U	4.9	12.0	8.9	04/16/08	04/17/08
Cobalt 57	0.4	U	2.9	5.0	30	04/16/08	04/17/08
Cobalt 60	0.03	U	6.6	22.0	12	04/16/08	04/17/08
Europium 152	-14	U	51	84	90	04/16/08	04/17/08
Europium 154	0.0	U	23	57	47	04/16/08	04/17/08
Europium 155	5	U	12	359	21	04/16/08	04/17/08
Manganese 54	-0.8	U	5.3	6.0	9.6	04/16/08	04/17/08
Sodium 22	0.01	U	6.0	7.0	11	04/16/08	04/17/08
Zinc 65	-3	U	12	15	22	04/16/08	04/17/08
<b>SR-90 BY GFPC EPA-905 MOD</b>							
				pCi/L		Batch # 8102057	Yld % 58
Strontium 90	-0.54	U	0.44	0.80	0.81	04/11/08	04/24/08
<b>Radium 228 by GFPC EPA 904 MOD</b>							
				pCi/L		Batch # 8106374	Yld % 74
Radium 228	0.09	U	0.30	1.00	0.53	04/15/08	04/18/08
<b>TRITIUM (Distill) by EPA 906.0 MOD</b>							
				pCi/L		Batch # 8115299	Yld %
Tritium	10	U	180	500	310	04/24/08	04/26/08

**NOTE(S)**

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

J Result is greater than sample detection limit but less than stated reporting limit.

Result is less than the sample detection limit.

**Brookhaven National Labs**  
**Client Sample ID: 25689-004**

**Radiochemistry**

Lab Sample ID: F8D150253-004  
 Work Order: KLCH6  
 Matrix: WATER

Date Collected: 04/14/08 1020  
 Date Received: 04/15/08 0915

Well # 7

Parameter	Result	Qual	Total Uncert. (2 s+/-)	RL	MDC	Prep Date	Analysis Date
<b>Gross Alpha/Beta EPA 900</b>							
				pCi/L		Batch # 8107464	Yld %
Gross Alpha	1.13	J	0.67	2.00	0.83	04/16/08	04/21/08
Gross Beta	0.36	U	0.96	4.00	1.6	04/16/08	04/21/08
<b>Gamma Cs-137 &amp; Hits by EPA 901.1 MOD</b>							
				pCi/L		Batch # 8107230	Yld %
Americium 241	-0.8	U	8.3	25.0	11	04/16/08	04/17/08
Beryllium 7	-6	U	29	60	50	04/16/08	04/17/08
Cesium 134	1.5	U	3.6	5.0	6.1	04/16/08	04/17/08
Cesium 137	-6	U	16	12	11	04/16/08	04/17/08
Cobalt 57	1.4	U	2.5	5.0	30	04/16/08	04/17/08
Cobalt 60	3.7	U	5.0	22.0	8.4	04/16/08	04/17/08
Europium 152	-1	U	34	84	63	04/16/08	04/17/08
Europium 154	-13	U	35	57	62	04/16/08	04/17/08
Europium 155	-0.4	U	8.1	359	14	04/16/08	04/17/08
Manganese 54	0.05	U	4.4	6.0	7.9	04/16/08	04/17/08
Sodium 22	2.5	U	5.0	7.0	8.5	04/16/08	04/17/08
Zinc 65	-2	U	10	15	18	04/16/08	04/17/08
<b>SR-90 BY GFPC EPA-905 MOD</b>							
				pCi/L		Batch # 8102057	Yld % 61
Strontium 90	0.73	U	0.50	0.80	0.78	04/11/08	04/24/08
<b>Radium 228 by GFPC EPA 904 MOD</b>							
				pCi/L		Batch # 8106374	Yld % 77
Radium 228	0.02	U	0.27	1.00	0.48	04/15/08	04/18/08
<b>TRITIUM (Distill) by EPA 906.0 MOD</b>							
				pCi/L		Batch # 8115299	Yld %
Tritium	20	U	180	500	310	04/24/08	04/26/08

**NOTE(S)**

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

J Result is greater than sample detection limit but less than stated reporting limit.

U Result is less than the sample detection limit.

**Brookhaven National Labs**  
**Client Sample ID: 25689-002**

**Radiochemistry**

Lab Sample ID: F8D150253-002  
 Work Order: KLCHR  
 Matrix: WATER

Date Collected: 04/14/08 1055  
 Date Received: 04/15/08 0915

Well # 11

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
<b>Gross Alpha/Beta EPA 900</b>				pCi/L		Batch # 8107464	Yld %
Gross Alpha	0.27	U	0.69	2.00	1.3	04/16/08	04/21/08
Gross Beta	1.56	J	0.67	4.00	0.89	04/16/08	04/21/08
<b>Gamma Cs-137 &amp; Hits by EPA 901.1 MOD</b>				pCi/L		Batch # 8107230	Yld %
Americium 241	-2	U	11	25	11	04/16/08	04/17/08
Beryllium 7	-0.7	U	29	60	52	04/16/08	04/17/08
Cesium 134	0.0	U	5.4	5.0	9.4	04/16/08	04/17/08
Cesium 137	-4	U	11	12	11	04/16/08	04/17/08
Cobalt 57	3.2	U	2.4	5.0	27	04/16/08	04/17/08
Cobalt 60	1.5	U	4.9	22.0	8.7	04/16/08	04/17/08
Europium 152	-9	U	39	84	68	04/16/08	04/17/08
Europium 154	12	U	31	57	54	04/16/08	04/17/08
Europium 155	-0.8	U	9.2	359	16	04/16/08	04/17/08
Manganese 54	-0.6	U	4.0	6.0	7.1	04/16/08	04/17/08
Sodium 22	0.0	U	330	7	8	04/16/08	04/17/08
Zinc 65	1	U	10	15	18	04/16/08	04/17/08
<b>BR-90 BY GFPC EPA-905 MOD</b>				pCi/L		Batch # 8102057	Yld % 58
Strontium 90	0.17	U	0.53	0.80	0.89	04/11/08	04/24/08
<b>Radium 228 by GFPC EPA 904 MOD</b>				pCi/L		Batch # 8106374	Yld % 75
Radium 228	0.08	U	0.26	1.00	0.46	04/15/08	04/18/08
<b>TRITIUM (Distill) by EEA 906.0 MOD</b>				pCi/L		Batch # 8115299	Yld %
Tritium	120	U	180	500	310	04/24/08	04/26/08

**NOTE(S)**

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

J Result is greater than sample detection limit but less than stated reporting limit.

U Result is less than the sample detection limit.

**Brookhaven National Labs**  
**Client Sample ID: 25689-001**

**Radiochemistry**

Lab Sample ID: F8D150253-001  
 Work Order: KLCHJ  
 Matrix: WATER

Date Collected: 04/14/08 1045  
 Date Received: 04/15/08 0915

Well #12

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
<b>Gross Alpha/Beta EPA 900</b>				<b>pCi/L</b>		<b>Batch # 8107464</b>	<b>Yld %</b>
Gross Alpha	-0.32	U	0.66	2.00	1.4	04/16/08	04/21/08
Gross Beta	2.85	J	0.85	4.00	1.0	04/16/08	04/21/08
<b>Gamma Cs-137 &amp; Hits by EPA 901.1 MOD</b>				<b>pCi/L</b>		<b>Batch # 8107230</b>	<b>Yld %</b>
Americium 241	7	U	15	25	25	04/16/08	04/17/08
Beryllium 7	-6	U	39	60	69	04/16/08	04/17/08
Cesium 134	-1.9	U	6.0	5.0	10	04/16/08	04/17/08
Cesium 137	0.4	U	5.4	12.0	9.7	04/16/08	04/17/08
Cobalt 57	0.0	U	210	5	50	04/16/08	04/17/08
Cobalt 60	0.03	U	5.9	22.0	11	04/16/08	04/17/08
Europium 152	6	U	41	84	75	04/16/08	04/17/08
Europium 154	0.0	U	43	57	80	04/16/08	04/17/08
Europium 155	9	U	14	359	24	04/16/08	04/17/08
Manganese 54	0.0	U	5.2	6.0	9.5	04/16/08	04/17/08
Sodium 22	4.5	U	8.1	7.0	14	04/16/08	04/17/08
Zinc 65	0.0	U	19	15	34	04/16/08	04/17/08
<b>SR-90 BY GFPC EPA-905 MOD</b>				<b>pCi/L</b>		<b>Batch # 8102057</b>	<b>Yld % 60</b>
Strontium 90	0.32	U	0.44	0.80	0.73	04/11/08	04/24/08
<b>Radium 228 by GFPC EPA 904 MOD</b>				<b>pCi/L</b>		<b>Batch # 8106374</b>	<b>Yld % 81</b>
Radium 228	0.29	U	0.26	1.00	0.42	04/15/08	04/18/08
<b>TRITIUM (Distill) by EPA 906.0 MOD</b>				<b>pCi/L</b>		<b>Batch # 8115299</b>	<b>Yld %</b>
Tritium	-4	U	180	500	320	04/24/08	04/26/08

**NOTE(S)**

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

J Result is greater than sample detection limit but less than stated reporting limit.

U Result is less than the sample detection limit.

**ATTACHMENT V**

**Brookhaven National Laboratory**

**Potable Water Supply**

**2008 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

## Sample Information

Type : Potable Water  
Origin : Raw Well  
Routine

## LABORATORY RESULTS

Lab No. : 0804353-023A

Client ID. : 25080-023

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

Federal ID 5111891

Collected : 4/4/2008 9:10:00 AM Point No : 083-20

Received : 4/4/2008 3:00:00 PM Location : Well #4 Raw

Collected By : JK00

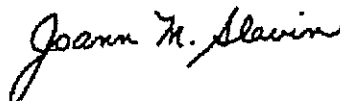
Copy : ORIGINAL

CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
Chloromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
Vinyl chloride	< 0.5		1	µg/L	2	E524.2	04/08/2008 10:50 PM
Bromomethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
Chloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
Methylene chloride	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
Bromochloromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
Chloroform	1.4		1	µg/L	50	E524.2	04/08/2008 10:50 PM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
Carbon tetrachloride	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
Benzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
Trichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
Dibromomethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
Bromodichloromethane	< 0.5		1	µg/L	50	E524.2	04/08/2008 10:50 PM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
Toluene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
Tetrachloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
Dibromochloromethane	< 0.5		1	µg/L	50	E524.2	04/08/2008 10:50 PM
Chlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
Ethylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
m,p-Xylene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
o-Xylene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
Styrene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
Bromoform	< 0.5		1	µg/L	50	E524.2	04/08/2008 10:50 PM
Isopropylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
Bromobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 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 : 4/28/2008



# 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 : Bob Lee

## LABORATORY RESULTS

Lab No. : 0804353-023A  
Client ID. : 25080-023

### Sample Information

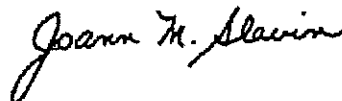
Type : Potable Water  
Origin : Raw Well  
Routine

Federal ID : 5111891  
Collected : 4/4/2008 9:10:00 AM Point No : 083-20  
Received : 4/4/2008 3:00:00 PM Location : Well #4 Raw  
Collected By : JK00  
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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
n-Propylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
2/4-Chlorotoluene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
tert-Butylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
sec-Butylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
n-Butylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 10:50 PM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E524.2	04/08/2008 10:50 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 : 4/28/2008





# H2M LABS, INC.

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

## Sample Information

Type : Potable Water  
Origin : Raw Well  
Routine

## LABORATORY RESULTS

Lab No. : 0804353-009A

Client ID. : 25080-009

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

Federal ID 5111891

Collected : 4/4/2008 9:20:00 AM Point No : 093-07

Received : 4/4/2008 3:00:00 PM Location : Well #6 Raw

Collected By : JK00

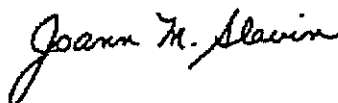
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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
Chloromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
Vinyl chloride	< 0.5		1	µg/L	2	E524.2	04/08/2008 6:17 PM
Bromomethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
Chloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
Methylene chloride	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
Bromochloromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
Chloroform	0.8		1	µg/L	50	E524.2	04/08/2008 6:17 PM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
Carbon tetrachloride	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
Benzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
Trichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
Dibromomethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
Bromodichloromethane	< 0.5		1	µg/L	50	E524.2	04/08/2008 6:17 PM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
Toluene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
Tetrachloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
Dibromochloromethane	< 0.5		1	µg/L	50	E524.2	04/08/2008 6:17 PM
Chlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
Ethylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
m,p-Xylene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
o-Xylene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
Styrene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
Bromoform	< 0.5		1	µg/L	50	E524.2	04/08/2008 6:17 PM
Isopropylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
Bromobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 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 : 4/28/2008



# 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 : Bob Lee

## LABORATORY RESULTS

Lab No. : 0804353-009A  
Client ID. : 25080-009

### Sample Information

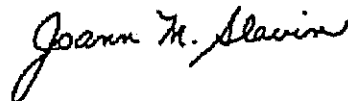
Type : Potable Water  
Origin : Raw Well  
Routine

Federal ID : 5111891  
Collected : 4/4/2008 9:20:00 AM Point No : 093-07  
Received : 4/4/2008 3:00:00 PM Location : Well #6 Raw  
Collected By : JK00  
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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>
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
n-Propylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
2/4-Chlorotoluene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
tert-Butylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
sec-Butylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
n-Butylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:17 PM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E524.2	04/08/2008 6:17 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 : 4/28/2008



# H2M LABS, INC.

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

## Sample Information

Type : Potable Water  
Origin : Raw Well  
Routine

## LABORATORY RESULTS

Lab No. : 0804353-010A

Client ID. : 25080-010

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

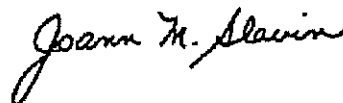
Federal ID 5111891  
Collected : 4/4/2008 9:30:00 AM Point No : 092-03  
Received : 4/4/2008 3:00:00 PM Location : Well #7 Raw  
Collected By : JK00  
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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
Chloromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
Vinyl chloride	< 0.5		1	µg/L	2	E524.2	04/08/2008 6:44 PM
Bromomethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
Chloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
Methylene chloride	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
Bromochloromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
Chloroform	0.6		1	µg/L	50	E524.2	04/08/2008 6:44 PM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
Carbon tetrachloride	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
Benzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
Trichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
Dibromomethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
Bromodichloromethane	< 0.5		1	µg/L	50	E524.2	04/08/2008 6:44 PM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
Toluene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
Tetrachloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
Dibromochloromethane	< 0.5		1	µg/L	50	E524.2	04/08/2008 6:44 PM
Chlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
Ethylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
m,p-Xylene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
o-Xylene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
Styrene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
Bromoform	< 0.5		1	µg/L	50	E524.2	04/08/2008 6:44 PM
Isopropylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
Bromobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM

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

Date Reported : 4/28/2008



# 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 : Bob Lee

## LABORATORY RESULTS

Lab No. : 0804353-010A

Client ID. : 25080-010

### Sample Information

Type : Potable Water  
Origin : Raw Well  
Routine

Federal ID 5111891

Collected : 4/4/2008 9:30:00 AM Point No : 092-03

Received : 4/4/2008 3:00:00 PM Location : Well #7 Raw

Collected By : JK00

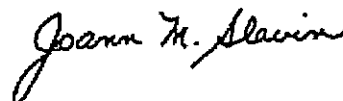
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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
n-Propylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
2/4-Chlorotoluene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
tert-Butylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
sec-Butylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
n-Butylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 6:44 PM
Methyl tert-butyl ether	0.6		1	µg/L	10	E524.2	04/08/2008 6:44 PM

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

Date Reported : 4/28/2008



# 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 : Bob Lee

## LABORATORY RESULTS

Lab No. : 0804353-019A

Client ID. : 25080-019

### Sample Information

Type : Potable Water  
Origin : Raw Well  
Routine

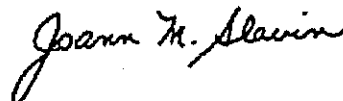
Federal ID 5111891  
Collected : 4/4/2008 7:00:00 AM Point No : 055-09  
Received : 4/4/2008 3:00:00 PM Location : Well #10 Raw  
Collected By : JK00  
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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
Chloromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
Vinyl chloride	< 0.5		1	µg/L	2	E524.2	04/08/2008 9:28 PM
Bromomethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
Chloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
Methylene chloride	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
Bromochloromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
Chloroform	< 0.5		1	µg/L	50	E524.2	04/08/2008 9:28 PM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
Carbon tetrachloride	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
Benzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
Trichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
Dibromomethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
Bromodichloromethane	< 0.5		1	µg/L	50	E524.2	04/08/2008 9:28 PM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
Toluene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
Tetrachloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
Dibromochloromethane	< 0.5		1	µg/L	50	E524.2	04/08/2008 9:28 PM
Chlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
Ethylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
m,p-Xylene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
o-Xylene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
Styrene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
Bromoform	< 0.5		1	µg/L	50	E524.2	04/08/2008 9:28 PM
Isopropylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
Bromobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 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 : 4/28/2008



# H2M LABS, INC.

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

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

## LABORATORY RESULTS

Lab No. : 0804353-019A

Client ID. : 25080-019

### Sample Information

Type : Potable Water  
Origin : Raw Well  
Routine

Federal ID 5111891

Collected : 4/4/2008 7:00:00 AM Point No : 055-09

Received : 4/4/2008 3:00:00 PM Location : Well #10 Raw

Collected By : JK00

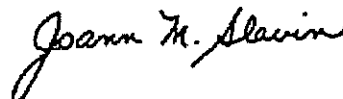
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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
n-Propylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
2/4-Chlorotoluene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
tert-Butylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
sec-Butylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
n-Butylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:28 PM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E524.2	04/08/2008 9:28 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 : 4/28/2008



# 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 : Bob Lee

## LABORATORY RESULTS

Lab No. : 0804353-011A  
Client ID. : 25080-011

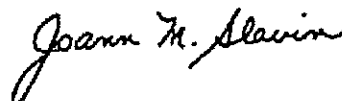
Sample Information  
Type : Potable Water  
Origin : Raw Well  
Routine

Federal ID : 5111891  
Collected : 4/4/2008 6:45:00 AM Point No : 056-19  
Received : 4/4/2008 3:00:00 PM Location : Well #11 Raw  
Collected By : JK00  
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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
Chloromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
Vinyl chloride	< 0.5		1	µg/L	2	E524.2	04/08/2008 7:12 PM
Bromomethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
Chloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
Methylene chloride	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
Bromochloromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
Chloroform	< 0.5		1	µg/L	50	E524.2	04/08/2008 7:12 PM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
Carbon tetrachloride	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
Benzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
Trichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
Dibromomethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
Bromodichloromethane	< 0.5		1	µg/L	50	E524.2	04/08/2008 7:12 PM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
Toluene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
Tetrachloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
Dibromochloromethane	< 0.5		1	µg/L	50	E524.2	04/08/2008 7:12 PM
Chlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
Ethylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
m,p-Xylene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
o-Xylene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
Styrene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
Bromoform	< 0.5		1	µg/L	50	E524.2	04/08/2008 7:12 PM
Isopropylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
Bromobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 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 : 4/28/2008



# 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 : Bob Lee

## LABORATORY RESULTS

Lab No. : 0804353-011A

Client ID. : 25080-011

### Sample Information

Type : Potable Water  
Origin : Raw Well  
Routine

Federal ID 5111891

Collected : 4/4/2008 6:45:00 AM Point No : 056-19

Received : 4/4/2008 3:00:00 PM Location : Well #11 Raw

Collected By : JK00

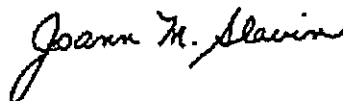
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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
n-Propylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
2/4-Chlorotoluene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
tert-Butylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
sec-Butylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
n-Butylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:12 PM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E524.2	04/08/2008 7:12 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 : 4/28/2008





# H2M LABS, INC.

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

Sample Information  
Type : Potable Water  
Origin : Raw Well  
Routine

## LABORATORY RESULTS

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

Lab No. : 0804353-012A  
Client ID. : 25080-012

Federal ID : 5111891  
Collected : 4/4/2008 6:30:00 AM Point No : 056-20  
Received : 4/4/2008 3:00:00 PM Location : Well #12 Raw  
Collected By : JK00  
Copy : ORIGINAL  
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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
Chloromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
Vinyl chloride	< 0.5		1	µg/L	2	E524.2	04/08/2008 7:39 PM
Bromomethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
Chloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
Methylene chloride	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
Bromochloromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
Chloroform	< 0.5		1	µg/L	50	E524.2	04/08/2008 7:39 PM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
Carbon tetrachloride	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
Benzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
Trichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
Dibromomethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
Bromodichloromethane	< 0.5		1	µg/L	50	E524.2	04/08/2008 7:39 PM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
Toluene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
Tetrachloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
Dibromochloromethane	< 0.5		1	µg/L	50	E524.2	04/08/2008 7:39 PM
Chlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
Ethylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
m,p-Xylene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
o-Xylene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
Styrene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
Bromoform	< 0.5		1	µg/L	50	E524.2	04/08/2008 7:39 PM
Isopropylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
Bromobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 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 : 4/28/2008

*Joann M. Slavim*

# H2M LABS, INC.

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

## Sample Information

Type : Potable Water  
Origin : Raw Well  
Routine

## LABORATORY RESULTS

Lab No. : 0804353-012A

Client ID. : 25080-012

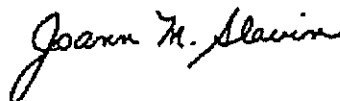
Brookhaven National Lab.-BNLM  
70 Bell Ave.  
Upton, NY 11973  
Attn To : Bob Lee

Federal ID : 5111891  
Collected : 4/4/2008 6:30:00 AM Point No : 056-20  
Received : 4/4/2008 3:00:00 PM Location : Well #12 Raw  
Collected By : JK00  
Copy : ORIGINAL  
CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
n-Propylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
2/4-Chlorotoluene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
tert-Butylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
sec-Butylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
n-Butylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 7:39 PM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E524.2	04/08/2008 7:39 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 : 4/28/2008



# H2M LABS, INC.

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

## Sample Information

Type : Potable Water

Origin : Treated Well

Routine

Treatment

## LABORATORY RESULTS

Lab No. : 0804353-016A

Client ID. : 25080-016

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Federal ID 5111891

Collected : 4/4/2008 12:50:00 PM Point No : 073-10

Received : 4/4/2008 3:00:00 PM Location : Bldg. 624 WTP

Collected By : JK00

Copy : ORIGINAL

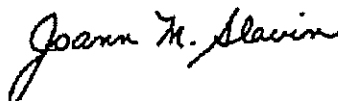
CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
Chloromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
Vinyl chloride	< 0.5		1	µg/L	2	E524.2	04/08/2008 8:07 PM
Bromomethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
Chloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
Methylene chloride	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
Bromochloromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
Chloroform	0.6		1	µg/L	50	E524.2	04/08/2008 8:07 PM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
Carbon tetrachloride	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
Benzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
Trichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
Dibromomethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
Bromodichloromethane	1.0		1	µg/L	50	E524.2	04/08/2008 8:07 PM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
Toluene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
Tetrachloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
Dibromochloromethane	1.1		1	µg/L	50	E524.2	04/08/2008 8:07 PM
Chlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
Ethylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
m,p-Xylene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
o-Xylene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
Styrene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
Bromoform	< 0.5		1	µg/L	50	E524.2	04/08/2008 8:07 PM
Isopropylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
Bromobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 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 : 4/28/2008



# 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 : Bob Lee

## LABORATORY RESULTS

Lab No. : 0804353-016A  
Client ID. : 25080-016

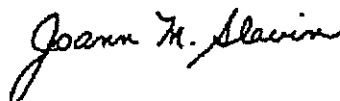
Sample Information  
Type : Potable Water  
Origin : Treated Well  
Routine  
Treatment

Federal ID 5111891  
Collected : 4/4/2008 12:50:00 PM Point No : 073-10  
Received : 4/4/2008 3:00:00 PM Location : Bldg. 624 WTP  
Collected By : JK00  
Copy : ORIGINAL  
CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
n-Propylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
2/4-Chlorotoluene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
tert-Butylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
sec-Butylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
n-Butylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:07 PM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E524.2	04/08/2008 8:07 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 : 4/28/2008



# 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 : Bob Lee

## LABORATORY RESULTS

Lab No. : 0804353-021A  
Client ID. : 25080-021

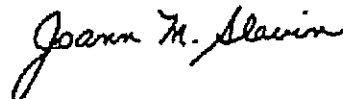
Sample Information  
Type : Potable Water  
Origin : Treated Well  
Routine  
Treatment

Federal ID 5111891  
Collected : 4/4/2008 7:00:00 AM Point No : 055-38  
Received : 4/4/2008 3:00:00 PM Location : Well #10 Treated  
Collected By : JK00  
Copy : ORIGINAL  
CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
Chloromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
Vinyl chloride	< 0.5		1	µg/L	2	E524.2	04/08/2008 9:56 PM
Bromomethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
Chloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
Methylene chloride	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
Bromochloromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
Chloroform	1.9		1	µg/L	50	E524.2	04/08/2008 9:56 PM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
Carbon tetrachloride	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
Benzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
Trichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
Dibromomethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
Bromodichloromethane	2.0		1	µg/L	50	E524.2	04/08/2008 9:56 PM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
Toluene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
Tetrachloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
Dibromochloromethane	1.7		1	µg/L	50	E524.2	04/08/2008 9:56 PM
Chlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
Ethylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
m,p-Xylene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
o-Xylene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
Styrene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
Bromoform	< 0.5		1	µg/L	50	E524.2	04/08/2008 9:56 PM
Isopropylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
Bromobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 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 : 4/28/2008



# 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 : Bob Lee

## LABORATORY RESULTS

Lab No. : 0804353-021A  
Client ID. : 25080-021

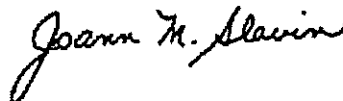
Sample Information  
Type : Potable Water  
Origin : Treated Well  
Routine  
Treatment

Federal ID : 5111891  
Collected : 4/4/2008 7:00:00 AM Point No : 055-38  
Received : 4/4/2008 3:00:00 PM Location : Well #10 Treated  
Collected By : JK00  
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>
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
n-Propylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
2/4-Chlorotoluene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
tert-Butylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
sec-Butylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
n-Butylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:56 PM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E524.2	04/08/2008 9:56 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 : 4/28/2008



# 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 : Bob Lee

## LABORATORY RESULTS

Lab No. : 0804353-017A  
Client ID. : 25080-017

### Sample Information

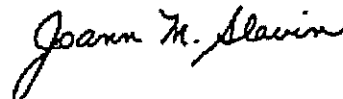
Type : Potable Water  
Origin : Treated Well  
Routine  
Treatment

Federal ID : 5111891  
Collected : 4/4/2008 6:45:00 AM Point No : 056-33  
Received : 4/4/2008 3:00:00 PM Location : Well #11 Treated  
Collected By : JK00  
Copy : ORIGINAL  
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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
Chloromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
Vinyl chloride	< 0.5		1	µg/L	2	E524.2	04/08/2008 8:34 PM
Bromomethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
Chloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
Methylene chloride	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
Bromochloromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
Chloroform	0.7		1	µg/L	50	E524.2	04/08/2008 8:34 PM
1,1,1-Trichloroethane	0.8		1	µg/L	5	E524.2	04/08/2008 8:34 PM
Carbon tetrachloride	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
Benzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
Trichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
Dibromomethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
Bromodichloromethane	< 0.5		1	µg/L	50	E524.2	04/08/2008 8:34 PM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
Toluene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
Tetrachloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
Dibromochloromethane	< 0.5		1	µg/L	50	E524.2	04/08/2008 8:34 PM
Chlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
Ethylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
m,p-Xylene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
o-Xylene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
Styrene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
Bromoform	< 0.5		1	µg/L	50	E524.2	04/08/2008 8:34 PM
Isopropylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
Bromobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 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 : 4/28/2008



# 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 : Bob Lee

## LABORATORY RESULTS

Lab No. : 0804353-017A  
Client ID. : 25080-017

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

Federal ID 5111891

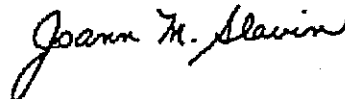
Collected : 4/4/2008 6:45:00 AM Point No : 056-33  
Received : 4/4/2008 3:00:00 PM Location : Well #11 Treated  
Collected By : JK00

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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
n-Propylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
2/4-Chlorotoluene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
tert-Butylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
sec-Butylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
n-Butylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 8:34 PM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E524.2	04/08/2008 8:34 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 : 4/28/2008





# 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 : Bob Lee

## LABORATORY RESULTS

Lab No. : 0804353-018A  
 Client ID. : 25080-018

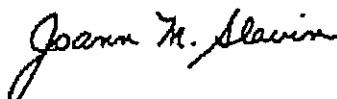
Sample Information  
 Type : Potable Water  
 Origin : Treated Well  
 Routine  
Treatment

Federal ID 5111891  
 Collected : 4/4/2008 8:30:00 AM Point No : 056-34  
 Received : 4/4/2008 3:00:00 PM Location : Well #12 Treated  
 Collected By : JK00  
 Copy : ORIGINAL  
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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
Chloromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
Vinyl chloride	< 0.5		1	µg/L	2	E524.2	04/08/2008 9:01 PM
Bromomethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
Chloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
Methylene chloride	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
Bromochloromethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
Chloroform	0.7		1	µg/L	50	E524.2	04/08/2008 9:01 PM
1,1,1-Trichloroethane	0.6		1	µg/L	5	E524.2	04/08/2008 9:01 PM
Carbon tetrachloride	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
Benzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
Trichloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
Dibromomethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
Bromodichloromethane	< 0.5		1	µg/L	50	E524.2	04/08/2008 9:01 PM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
Toluene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
Tetrachloroethene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
Dibromochloromethane	< 0.5		1	µg/L	50	E524.2	04/08/2008 9:01 PM
Chlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
Ethylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
m,p-Xylene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
o-Xylene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
Styrene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
Bromoform	< 0.5		1	µg/L	50	E524.2	04/08/2008 9:01 PM
Isopropylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
Bromobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 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 : 4/28/2008



# 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 : Bob Lee

## LABORATORY RESULTS

Lab No. : 0804353-018A  
Client ID. : 25080-018

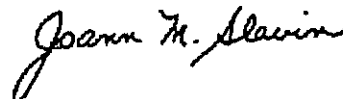
Sample Information  
Type : Potable Water  
Origin : Treated Well  
Routine  
Treatment

Federal ID 5111891  
Collected : 4/4/2008 6:30:00 AM Point No : 056-34  
Received : 4/4/2008 3:00:00 PM Location : Well #12 Treated  
Collected By : JK00  
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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
n-Propylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
2/4-Chlorotoluene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
tert-Butylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
sec-Butylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
n-Butylbenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E524.2	04/08/2008 9:01 PM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E524.2	04/08/2008 9:01 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 : 4/28/2008



**ATTACHMENT VI**

**Brookhaven National Laboratory**

**Potable Water Supply**

**2008 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

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

## LABORATORY RESULTS

Lab No. : 0804353-023

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

Client ID. : 25080-023

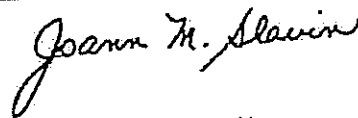
Federal ID : 5111891  
Collected : 4/4/2008 9:10:00 AM Point No: 083-20  
Received : 4/4/2008 3:00:00 PM Location: Well #4 Raw  
Collected By JK00  
Copy : ORIGINAL

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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1	N/A	Negative	M9223	04/05/2008 12:00 PM
E_Coliform	Absent		1	N/A	Absent	M9223	04/05/2008 12:00 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 : 4/28/2008



Laboratory Manager

BNLM205 A67

# H2M LABS, INC.

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

## LABORATORY RESULTS

Sample Information...

Type : Potable Water

Origin: Raw Well

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Lab No. : 0804353-009

Client ID. : 25080-009

Federal ID : 5111891

Collected : 4/4/2008 9:20:00 AM Point No: 093-07

Received : 4/4/2008 3:00:00 PM Location: Well #6 Raw

Collected By JK00

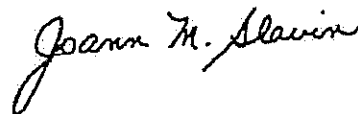
Copy : ORIGINAL

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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1	N/A	Negative	M9223	04/05/2008 12:00 PM
E_Coliform	Absent		1	N/A	Absent	M9223	04/05/2008 12:00 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 : 4/28/2008



Laboratory Manager

BNLM205 A38

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

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

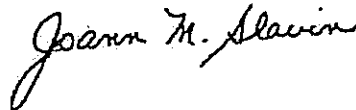
Lab No. : 0804353-010

Federal ID : 5111891 Client ID. : 25080-010  
Collected : 4/4/2008 9:30:00 AM Point No: 092-03  
Received : 4/4/2008 3:00:00 PM Location: Well #7 Raw  
Collected By JK00  
Copy : ORIGINAL  
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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1	N/A	Negative	M9223	04/05/2008 12:00 PM
E_Coliform	Absent		1	N/A	Absent	M9223	04/05/2008 12:00 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 : 4/28/2008



Laboratory Manager

BNLM205 A41

# H2M LABS, INC.

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

## LABORATORY RESULTS

### Sample Information...

Type : Potable Water

Origin: Raw Well

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Lab No. : 0804353-019

Client ID. : 25080-019

Federal ID : 5111891

Collected : 4/4/2008 7:00:00 AM Point No: 055-09

Received : 4/4/2008 3:00:00 PM Location: Well #10 Raw

Collected By JK00

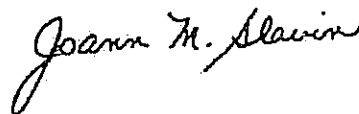
Copy : ORIGINAL

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	N/A	Negative	M9223	04/05/2008 12:00 PM
E_Coliform	Absent		1	N/A	Absent	M9223	04/05/2008 12:00 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 : 4/28/2008



Laboratory Manager

BNLM205 A59

# H2M LABS, INC.

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

## LABORATORY RESULTS

Sample Information...

Type : Potable Water

Origin: Treated Well

Treatment

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Lab No. : 0804353-020

Client ID. : 25080-020

Federal ID : 5111891

Collected : 4/4/2008 7:05:00 AM

Point No: 055-36

Received : 4/4/2008 3:00:00 PM

Location: Well #10 Gac Filter 654

Collected By JK00

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CC

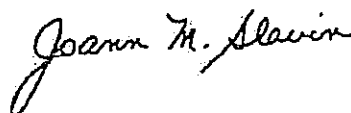
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1	N/A	Negative	M9223	04/05/2008 12:00 PM
E_Coliform	Absent		1	N/A	Absent	M9223	04/05/2008 12:00 PM

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

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

D.F. = Dilution Factor

Date Reported : 4/28/2008



Laboratory Manager

BNLM205 A60



# H2M LABS, INC.

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

## LABORATORY RESULTS

### Sample Information...

Type : Potable Water

Origin: Raw Well

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Lab No. : 0804353-011

Federal ID : 5111891

Client ID. : 25080-011

Collected : 4/4/2008 6:45:00 AM Point No: 056-19

Received : 4/4/2008 3:00:00 PM Location: Well #11 Raw

Collected By JK00

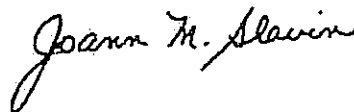
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CC

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1	N/A	Negative	M9223	04/05/2008 12:00 PM
E_Coliform	Absent		1	N/A	Absent	M9223	04/05/2008 12:00 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 : 4/28/2008



Laboratory Manager

BNLM205 A44

# H2M LABS, INC.

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

## Sample Information...

Type : Potable Water

Origin: Treated Well

Treatment

## LABORATORY RESULTS

Lab No. : 0804353-014

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Client ID. : 25080-014

Federal ID : 5111891

Collected : 4/4/2008 6:50:00 AM Point No: 056-31

Received : 4/4/2008 3:00:00 PM Location: Well #11 Gac Filter 655

Collected By JK00

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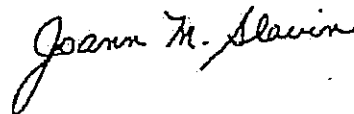
CC

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1	N/A	Negative	M9223	04/05/2008 12:00 PM
E_Coliform	Absent		1	N/A	Absent	M9223	04/05/2008 12:00 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 : 4/28/2008

Laboratory Manager



BNLM205 A49

# H2M LABS, INC.

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

## LABORATORY RESULTS

Sample Information...

Type : Potable Water

Origin: Raw Well

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Lab No. : 0804353-012

Federal ID : 5111891

Client ID. : 25080-012

Collected : 4/4/2008 6:30:00 AM Point No: 056-20

Received : 4/4/2008 3:00:00 PM Location: Well #12 Raw

Collected By JK00

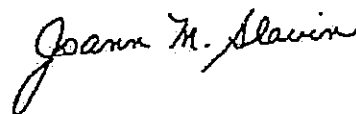
Copy : ORIGINAL

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	N/A	Negative	M9223	04/05/2008 12:00 PM
E_Coliform	Absent		1	N/A	Absent	M9223	04/05/2008 12:00 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 : 4/28/2008



Laboratory Manager

BNLM205 A47

# 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 : Bob Lee

## LABORATORY RESULTS

Lab No. : 0804353-015

Sample Information...

Type : Potable Water

Origin: Treated Well

Treatment

Federal ID : 5111891

Client ID. : 25080-015

Collected : 4/4/2008 6:35:00 AM Point No: 056-32

Received : 4/4/2008 3:00:00 PM Location: Well #12 Gac Filter 657

Collected By JK00

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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1	N/A	Negative	M9223	04/05/2008 12:00 PM
E_Coliform	Absent		1	N/A	Absent	M9223	04/05/2008 12:00 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 : 4/28/2008

*Joann M. Slavin*

Laboratory Manager

BNLM205 A50

# H2M LABS, INC.

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

## LABORATORY RESULTS

### Sample Information...

Type : Potable Water  
Origin: Treated Well

### Treatment

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

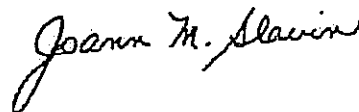
Lab No. : 0804353-013

Federal ID : 5111891 Client ID. : 25080-013  
Collected : 4/4/2008 12:50:00 PM Point No: 073-20  
Received : 4/4/2008 3:00:00 PM Location: Wtf Packed Tower 648  
Collected By JKDD  
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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1	N/A	Negative	M9223	04/05/2008 12:00 PM
E_Coliform	Absent		1	N/A	Absent	M9223	04/05/2008 12:00 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 : 4/28/2008



Laboratory Manager

BNLM205 A48

**Environmental & Waste  
Management Services Division**

81 Cornell Avenue, Bldg. 120  
Upton, NY 11973



**FACSIMILE TRANSMITTAL SHEET**

Fax #: 631-344-6079

<b>Date:</b>	May 9, 2008
<b>To:</b>	Ms. Kathleen Newcomer
<b>Company:</b>	Suffolk County Department of Health Services
<b>Fax #:</b>	631-852-5787
<b>From:</b>	Jennifer Higbie
<b>Phone Ext.:</b>	631-344-5919 (or email: Higbie@bnl.gov)

<b>Number of Pages (including cover sheet):</b>	
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<b>Comments:</b>
Attached is a letter from George Goode with the Subject: Monthly Water Treatment Plant reports for April 2008. Included with the letter are Attachment I: BNL Potable Water Supply Operational Data for April and Attachment III: April 2008 Stage 1 Disinfectants & Disinfection Byproduct Rule Monitoring Data and Bacteriological Analyses for the BNL Distribution System

EXPLORING EARTH'S MYSTERIES  
...PROTECTING ITS FUTURE

\*\*\*\*\*  
 \*\*\* TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

TX/RX NO 1200  
 CONNECTION TEL 98525787  
 CONNECTION ID  
 ST. TIME 05/09 13:47  
 USAGE T 08'31  
 PGS. SENT 22  
 RESULT OK



81 Cornell Avenue, Bldg. 120  
 Upton, NY 11973

**BROOKHAVEN**  
 NATIONAL LABORATORY

FACSIMILE TRANSMITTAL SHEET

Fax #: 631-344-6079

Date:	May 9, 2008
To:	Ms. Kathleen Newcomer
Company:	Suffolk County Department of Health Services
Fax#:	631-852-5787
From:	Jennifer Higbie
Phone Ext.:	631-344-5919 (or email: Higbie@bnl.gov)

Number of Pages (including cover sheet):	
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<p><b>Comments:</b></p> <p>Attached is a letter from George Goode with the Subject: Monthly Water Treatment Plant reports for April 2008.</p> <p>Included with the letter are</p> <p>Attachment I: BNL Potable Water Supply Operational Data for April</p> <p>and</p> <p>Attachment III: April 2008 Stage 1 Disinfectants &amp; Disinfection Byproduct Rule</p>
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