



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

February 8, 2006

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 January 2006**

In accordance with the requirements of the BNL Potable Water System Sampling Plan and the 2006 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 January 2006.
- Attachment II: January 2006 Biweekly and First Quarter Water Quality Monitoring Data for the BNL Distribution System and Potable Water Wells.
- Attachment III: January 2006 Stage 1 Disinfectants & Disinfection Byproduct Rule Monitoring Data and Bacteriological Analyses for the BNL Distribution System.
- Attachment IV: 2006 First Quarter Bacteriological Analyses for the BNL Potable Water Wells and GAC/Air Stripper Treatment Systems.
- Attachment V: 2006 Semi-Annual Inorganic and Nitrate/Nitrite Analyses for the BNL Distribution System.
- Attachment VI: 2006 First Quarter Principal Organic Compound Analyses for the BNL Potable Water Distribution System and Potable Water Wells.

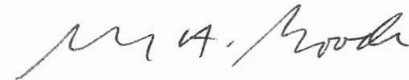


ENVIRONMENTAL  
MANAGEMENT SYSTEM  
REGISTERED TO  
ISO 14001:2004

Collection and analysis of these samples is performed in accordance with the guidelines of the BNL Quality Assurance program, the SCDHS Community Water Supply Monitoring Requirements, and the BNL Potable Water System Sampling Plan. Plant Engineering Division personnel using standard operating procedures collect routine monitoring samples; a contractor laboratory using standard methods of analysis performs the subsequent analyses. The Quality Assurance documentation is available from the Environmental and Waste Management Services Division and Plant Engineering Divisions. Based on this information, we believe the values contained in these reports are representative of the BNL potable water system.

Should there be any questions regarding this report or the analytical or operational data contained herein, please call either J. Higbie at (631) 344-5919, R. Lee at (631) 344-3148, or W. Chaloupka at (631) 344-7136.

Sincerely,



George A. Goode  
Environmental & Waste Management Services  
Division Manager

GAG/JB:car

Attachments: As noted

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

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**ATTACHMENT I**

**Brookhaven National Laboratory**

**Potable Water Supply**

**Monthly Operational Data for January 2006**

**for the BNL Potable Water System**

# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169

STATION 11515100

SUFFOLK COUNTY

REPORTING PERIOD: January

2006

LOCATION: **Water Treatment Facility**

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

Source: Ground Water

Does the system have a chlorination waiver? YES  NO

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer
	Treated Water	Liquid Sodium Hypochlorite	Free Cl2	Residual	Lime Sodium Hydroxide	Totalizer	
	K Gals	Gallons	Cl2 use per 24hrs				
1	1,384	180	20	1.60	7.6	239606	
2	0						
3	1,039	170	10	1.50	7.5	240645	
4	772	160	10	1.20	7.5	241417	
5	1,005	160	0	0.90	7.5	242422	
6	820	160	0	0.78	7.5	243242	
7	0						
8	0						
9	2,092	160	0	1.20	7.4	245334	
10	915	150	10	0.99	7.6	246249	
11	1,053	145	5	1.30	7.7	247302	
12	863	142	3	1.10	7.7	248165	
13	817	140	2	1.80	7.7	248982	
14	932	133	7	1.00	7.7	249914	
15	0						
16	0						
17	2,205	125	8	0.80	7.6	252119	
18	1,459	120	5	0.30	7.6	253578	
19	1,677	115	5	0.75	7.6	255255	
20	1,209	115	0	0.75	7.5	256464	
21	0						
22	0						
23	2,756	110	5	0.85	7.6	259220	
24	1,011	110	0	0.90	7.6	260231	
25	1,153	105	5	1.00	7.7	261384	
26	1,190	100	5	0.90	7.6	262574	
27	1,093	94+40	6	1.00	7.8	263667	
28	0						
29	0						
30	3,709	120	14	0.96	7.3	267376	
31	1,135	105	15	0.90	7.5	268511	
TOT	30,289		135				
AVG.	977.06		4.35	No. Days:	31		

Population Served **3,500**

Number of routine samples 4

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

Number of actual routine samples 7

Does a M&AR violation exist? YES  NO

If yes, check reason's below.

Actual number of samples fewer than required.

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

Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

If yes, check reason(s) below.

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

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

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

Reported by: *SL Pen*

Date: 2-3-06

Title: Water Systems Supervisor

Certification No. NY0031941

# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169

STATION 11515100

SUFFOLK COUNTY

REPORTING PERIOD: January

2006

LOCATION: **WELL NO. 4**

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

Source: Ground Water

Does the system have a chlorination waiver? YES  NO

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

Population Served **3,500**

Number of routine samples 4

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

Number of actual routine samples 7

Does a M&AR violation exist? YES  NO

If yes, check reason's below.

Actual number of samples fewer than required.

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

Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

If yes, check reason(s) below.

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

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

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

Reported by: *J. W. Perry*

Date: 2-3-06

Title: Water Systems Supervisor

Certification No. NY0031941

# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD: January 2006
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LOCATION: WELL NO. 6

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

Source: Ground Water

Does the system have a chlorination waiver? YES \_\_\_\_\_ NO X

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl2 Residual mg/l	Lime Sodium Hydroxide	Totalizer	
		Gallons	Cl2 use per 24hrs				
1	420	114	21	1.20	6	598041	
2	0						
3	319	96	18	1.20	6	598360	
4	439	39+75	21	1.60	6	598799	
5	467	99	15	1.20	6	599266	
6	238	90	9	1.30	6	599504	
7	0						
8	0						
9	634	75	18	0.01	6	600138	
10	429	72+78	3	0.04	6	600567	
11	372	138	12	1.70	6.1	600939	
12	289	126	12	1.50	6	601228	
13	241	114	12	0.01	6.1	601469	
14	230	105+45	9	0.04	6.1	601699	
15	0						
16	0						
17	719	117	33	1.20	6.1	602418	
18	519	96	21	1.20	6.1	602937	
19	716	66	30	1.00	6.1	603653	
20	318	105+45=150	18	0.80	6.1	603971	
21	0						
22	0						
23	1,013	113	37	0.90	6.2	604984	
24	417	99	14	0.93	6.1	605401	
25	467	81+57	17	0.80	6.1	605868	
26	519	120	18	0.92	6.1	606387	
27	374	111	9	0.51	6.1	606761	
28	0						
29	0						
30	1,393	67+83	44	0.74	6	608154	
31	405	135	15	0.56	6	608559	
TOT	10,938		406				
AVG.	352.84		13.10	No. Days:	31		

Population Served 3,500

Number of routine samples 4

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

Number of actual routine samples 7

Does a M&AR violation exist? YES \_\_\_\_\_ NO X

If yes, check reason's below.

\_\_\_\_\_ Actual number of samples fewer than required.

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

\_\_\_\_\_ Failure to analyze repeat samples.

Does an MCL violation exist? YES \_\_\_\_\_ NO X

If yes, check reason(s) below.

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

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

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

Reported by: JAC [Signature]

Date: 2-3-06

Title: Water Systems Supervisor

Certification No. NY0031941

# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD: January 2006
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LOCATION: **WELL NO. 7.**

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

Source: Ground Water

Does the system have a chlorination waiver? YES  NO

Day of month	CHLORINATION			pH		Totalizer Daily Totalizer 1880000
	Treated Water	Liquid Sodium Hypochlorite	Free Cl2	___ Lime	___ Sodium	
	K Gals	Gallons Cl2 use per 24hrs	Residual mg/l	Hydroxide		
1	1,507	93	42	1.20	6	1881507
2	0					
3	1,089	66	27	1.20	6	1882596
4	1,055	42+108	24	1.60	6	1883651
5	1,132	132	18	1.20	6	1884783
6	788	111	21	1.30	6	1885571
7	0					
8	0					
9	1,907	66	45	0.01	6	1887478
10	1,038	30+120	36	0.04	6	1888516
11	923	132	17	1.70	6.1	1889439
12	776	110	22	1.50	6	1890215
13	699	90	20	0.01	6.1	1890914
14	807	63+87	28	0.04	6.1	1891721
15	0					
16	0					
17	2,165	99	51	1.20	6.1	1893886
18	1,408	63	36	1.20	6.1	1895294
19	1,720	9	54	1.00	6.1	1897014
20	1,109	117+33=150	33	0.80	6.1	1898123
21	0					
22	0					
23	2,871	96	54	0.90	6.2	1900994
24	1,048	72	24	0.93	6.1	1902042
25	1,123	45+105	27	0.90	6.1	1903165
26	1,173	132	18	0.90	6.1	1904338
27	965	117	15	0.50	6.1	1905303
28	0					
29	0					
30	3,712	96+54	63	0.74	6	1909015
31	1,199	138	12	0.56	6	1910214
TOT	30,214		687			
AVG.	974.65		22.16	No. Days:	31	

Population Served **3,500**

Number of routine samples 4

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

Number of actual routine samples 7

Does a M&AR violation exist? YES  NO

If yes, check reason's below.

Actual number of samples fewer than required.

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

Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

If yes, check reason(s) below.

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

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

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

Reported by: *J. Kelly*

Date: 2-3-06

Title: Water Systems Supervisor

Certification No. NY0031941





# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169

STATION 11515100

SUFFOLK COUNTY

REPORTING PERIOD: January

2006

LOCATION: **WELL NO. 11**

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

Source: Ground Water

Does the system have a chlorination waiver? YES  NO

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer
	Treated Water	Liquid Sodium Hypochlorite		Free Cl <sub>2</sub> Residual	Lime Sodium	Totalizer	
	K Gals	Gallons	Cl <sub>2</sub> use per 24hrs	mg/l	Hydroxide		
1	0	69	0	NR	NR	722176	
2	0						
3	0	69	0	NR	NR	722176	
4	4	69	0	NR	NR	722180	
5	0	69	0	NR	NR	722180	
6	0	69	0	NR	NR	722180	
7	0						
8	0						
9	49	69	0	NR	NR	722229	
10	0	69	0	NR	NR	722229	
11	0	69	0	NR	NR	722229	
12	0	69	0	NR	NR	722229	
13	0	69	0	NR	NR	722229	
14	0	69	NR	NR		722229	
15	0						
16	0						
17	0	69	0	NR	NR	722229	
18	0	0	0	NR	NR	722229	
19	40	0	0	NR	NR	722269	
20	0	0	0	NR	NR	722269	
21	0						
22	0						
23	12	69	0	NR	NR	722281	
24	0	69	0	NR	NR	722281	
25	0	69	0	NR	NR	722281	
26	0	69	0	NR	NR	722281	
27	0	69	0	NR	NR	722281	
28	0						
29	0						
30	0	69	0	NR	NR	722281	
31	0	69	0	NR	NR	722281	
TOT	105		0				
AVG.	3.39		0.00	No. Days:	31		

Population Served **3,500**

Number of routine samples 4

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

Number of actual routine samples 7

Does a M&AR violation exist? YES  NO

If yes, check reason's below.

Actual number of samples fewer than required.

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

Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

If yes, check reason(s) below.

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

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

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

Reported by: *[Signature]*

Date: 2-3-06

Title: Water Systems Supervisor

Certification No. NY0031941

# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD: January 2006
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LOCATION: **WELL NO. 12**

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

Source: Ground Water

Does the system have a chlorination waiver? YES  NO

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer 786405
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl2 Residual mg/l	Lime Sodium Hydroxide		
		Gallons	Cl2 use per 24hrs				
1	0	63	0	NR	NR	786405	
2	0						
3	0	63	0	NR	NR	786405	
4	4	63	0	NR	NR	786409	
5	0	63	0	NR	NR	786409	
6	0	63	0	NR	NR	786409	
7	0						
8	0						
9	33	63	0	NR	NR	786442	
10	0	63	0	NR	NR	786442	
11	0	63	0	NR	NR	786442	
12	0	63	0	NR	NR	786442	
13	0	63	0	NR	NR	786442	
14	0	63	0	NR	NR	786442	
15	0						
16	0						
17	0	63	0	NR	NR	786442	
18	0	63	0	NR	NR	786442	
19	39	63	0	NR	NR	786481	
20	0	63	0	NR	NR	786481	
21	0						
22	0						
23	69	63	0	NR	NR	786550	
24	0	63	0	NR	NR	786550	
25	0	63	0	NR	NR	786550	
26	0	63	0	NR	NR	786550	
27	0	63	0	NR	NR	786550	
28	0						
29	0						
30	0	63	0	NR	NR	786550	
31	0	63	0	NR	NR	786550	
TOT	145		0				
AVG.	4.68		0.00	No. Days:	31		

Population Served **3,500**

Number of routine samples 4

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

Number of actual routine samples 7

Does a M&AR violation exist? YES  NO

If yes, check reason's below.

Actual number of samples fewer than required.

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

Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

If yes, check reason(s) below.

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

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

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

Reported by: *[Signature]*

Date: 2-3-06

Title: Water Systems Supervisor

Certification No. NY0031941

1/31/2006  
Pump Data

MONTHLY GALLONAGE REPORT  
jan2006.xls

Date	Well 4	Well 6	Well 7	Well10	Well11	Well12	Daily Total
1	0	420	1,507	0	0	0	1,927
2	0	0	0	0	0	0	0
3	0	319	1,089	0	0	0	1,408
4	0	439	1,055	0	4	4	1,502
5	0	467	1,132	0	0	0	1,599
6	0	238	788	0	0	0	1,026
7	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0
9	0	634	1,907	123	49	33	2,746
10	0	429	1,038	0	0	0	1,467
11	0	372	923	0	0	0	1,295
12	0	289	776	0	0	0	1,065
13	0	241	699	0	0	0	940
14	0	230	807	0	0	0	1,037
15	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0
17	0	719	2,165	0	0	0	2,884
18	0	519	1,408	0	0	0	1,927
19	0	716	1,720	0	40	39	2,515
20	0	318	1,109	0	0	0	1,427
21	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0
23	0	1,013	2,871	0	12	69	3,965
24	0	417	1,048	0	0	0	1,465
25	0	467	1,123	0	0	0	1,590
26	0	519	1,173	0	0	0	1,692
27	0	374	965	0	0	0	1,339
28	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0
30	0	1,393	3,712	0	0	0	5,105
31	0	405	1,199	0	0	0	1,604
Total	0	10,938	30,214	123	105	145	41,525
		Totalizer		Totalizer		Total(x1,000)	
		This Month		Last Month		Gallons	
	Well 4	1,648,622		1,648,622		0	
	Well 6	608,559		597,621		10,938	
	Well 7	1,910,214		1,880,000		30,214	
	Well 10	771,803		771,680		123	
	Well 11	722,281		722,176		105	
	Well 12	786,550		786,405		145	
AGS Water Supply Meter		564,522		555,569		8953.00	
Medical Reactor - Well 105						0.00	
Biology Building - Well 9		6,793,930		6,793,930		0.00	

**ATTACHMENT II**

**Brookhaven National Laboratory**

**Potable Water Supply**

**January 2006 Biweekly and First Quarter Water Quality Monitoring Data**

**for the BNL Distribution System and Potable Water Wells**

**Attachment II**  
**Table 1 - Summary of Water Quality Analyses**  
**for the BNL Potable Water System**  
**January 2006**

Sample Location	Sample Date	pH (SU)	Temperature (Degrees F)	Conductivity ( $\mu$ mhos)	Alkalinity (mg/L)	Calcium (mg/L)
WTP	1/3/06	7.5	56	155	ANR	ANR
WTP	1/5/06	7.5	56	155	ANR	ANR
WTP	1/10/06	7.6	53	141	ANR	ANR
WTP	1/12/06	7.6	54	173	ANR	ANR
WTP	1/17/06	7.6	52	160	ANR	ANR
WTP	1/19/06	7.6	54	155	ANR	ANR
WTP	1/24/06	7.6	55	144	ANR	ANR
WTP	1/26/06	7.6	55	153	ANR	ANR
WTP	1/31/06	7.5	54	150	ANR	ANR
Bldg. 49	1/6/06	7.0	50	133	13.8	7.0
Bldg. 640	1/6/06	7.0	52	141	14.6	7.67
Bldg. 363	1/6/06	6.8	50	118	15.2	8.64

**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 NYS DOH ID# 10478

## LABORATORY RESULTS

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

Lab No. : 0601190-001

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

Federal ID : 5111891

Client ID. : 21963-001

Collected : 1/6/2006 12:45:00 PM

Point No: 094-273

Received : 1/6/2006 3:25:00 PM

Location: B-49 Water Tower

Collected By CLIENT

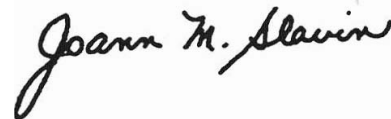
Copy : Original

CC

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Calcium	7000		1	µg/L		E200.7	01/26/2006 12:04 PM

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

Date Reported : 2/3/2006



Laboratory Manager

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-001

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

Federal ID : 5111891

Client ID. : 21963-001

Collected : 1/6/2006 12:45:00 PM Point No: 094-273

Received : 1/6/2006 3:25:00 PM Location: B-49 Water Tower

Collected By CLIENT

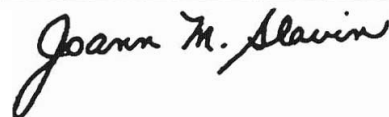
Copy : Original

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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Specific Conductance	133		1	µmhos/cm		E120.1	01/06/2006
PH (FIELD)	7.0		1	pH Units		E150.1	01/06/2006
Temperature	10		1	°C		E170.1	01/06/2006
Total Coliform	Negative		1		Negative	M9223	01/07/2006 12:00 PM
E_Coliform	Absent		1		Absent	M9223	01/07/2006 12:00 PM
Alkalinity, Total (As CaCO3)	13.8		1	mg/L		M2320 B	01/10/2005 9:28 AM
Total Residual Chlorine	1.0		1	mg/L		M4500-Cl G	01/06/2006
Turbidity	< 1.0		1	NTU	5	E180.1	01/07/2006 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 : 2/3/2006



Laboratory Manager

BNLM171 A26

# H2M LABS, INC.

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

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Lab No. : 0601190-002

Sample Information...

Type : Potable Water

Origin: Distribution

Federal ID : 5111891

Client ID. : 21963-002

Collected : 1/6/2006 8:30:00 AM

Point No: 076-408

Received : 1/6/2006 3:25:00 PM

Location: B-640 Water Tower

Collected By CLIENT

Copy : Original

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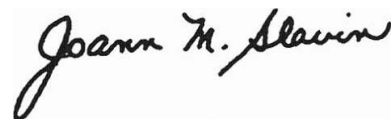
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Calcium	7670		1	µg/L		E200.7	01/26/2006 12:11 PM

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

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

D.F. = Dilution Factor

Date Reported : 2/3/2006



Laboratory Manager



# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-002

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

Federal ID : 5111891

Client ID. : 21963-002

Collected : 1/6/2006 8:30:00 AM

Point No: 076-408

Received : 1/6/2006 3:25:00 PM

Location: B-640 Water Tower

Collected By CLIENT

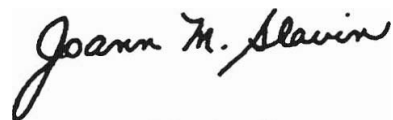
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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Specific Conductance	141		1	µmhos/cm		E120.1	01/06/2006
PH (FIELD)	7.0		1	pH Units		E150.1	01/06/2006
Temperature	11		1	°C		E170.1	01/06/2006
Total Coliform	Negative		1		Negative	M9223	01/07/2006 12:00 PM
E_Coliform	Absent		1		Absent	M9223	01/07/2006 12:00 PM
Alkalinity, Total (As CaCO3)	14.6		1	mg/L		M2320 B	01/10/2005 9:33 AM
Total Residual Chlorine	0.9		1	mg/L		M4500-Cl G	01/06/2006
Turbidity	< 1.0		1	NTU	5	E180.1	01/07/2006 11:15 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 : 2/3/2006



Laboratory Manager

BNLM171 A28

# H2M LABS, INC.

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

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Lab No. : 0601190-004

Sample Information...

Type : Potable Water

Origin: Distribution

Federal ID : 5111891

Client ID. : 21963-004

Collected : 1/6/2006 9:00:00 AM

Point No: 109-19

Received : 1/6/2006 3:25:00 PM

Location: B-363 Apt.Laundry

Collected By CLIENT

Copy : Original

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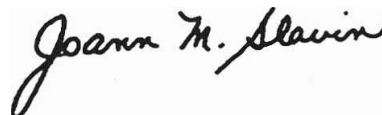
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Calcium	8640		1	µg/L		E200.7	01/26/2006 12:18 PM

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

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

D.F. = Dilution Factor

Date Reported : 2/3/2006



Laboratory Manager

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-004

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

Federal ID : 5111891

Client ID. : 21963-004

Collected : 1/6/2006 9:00:00 AM

Point No: 109-19

Received : 1/6/2006 3:25:00 PM

Location: B-363 Apt.Laundry

Collected By CLIENT

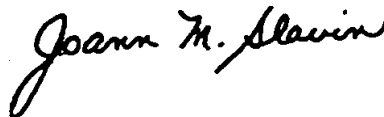
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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Specific Conductance	118		1	µmhos/cm		E120.1	01/06/2006
PH (FIELD)	6.8		1	pH Units		E150.1	01/06/2006
Temperature	10		1	°C		E170.1	01/06/2006
Total Coliform	Negative		1		Negative	M9223	01/07/2006 12:00 PM
E_Coliform	Absent		1		Absent	M9223	01/07/2006 12:00 PM
Alkalinity, Total (As CaCO3)	15.2		1	mg/L		M2320 B	01/10/2005 9:38 AM
Total Residual Chlorine	0.5		1	mg/L		M4500-CI G	01/06/2006
Turbidity	1.0		1	NTU	5	E180.1	01/07/2006 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 : 2/3/2006



Laboratory Manager

BNLM171 A31

**ATTACHMENT III**

**Brookhaven National Laboratory**

**Potable Water Supply**

**January 2006 Stage 1 Disinfectants & Disinfection Byproduct Rule**

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

**Attachment III**

**January 2006 Stage 1 Disinfectants & Disinfection Byproduct Rule Monitoring Data  
Table II - Maximum Residual Disinfectant Level (MRDL) Compliance**

Location	Total Residual Chlorine (mg/L)											
	Feb. 05	Mar. 05	Apr. 05	May 05	June 05	July 05	Aug. 05	Sept. 05	Oct. 05	Nov. 05	Dec. 05	Jan. 06
Bldg. 49 Water Tower	2.0	0.9	0.7	0.9	0.9	0.7	0.9	0.5	0.7	0.9	0.9	1.0
Bldg. 640 Water Tower	0.6	0.9	0.8	0.9	1.5	0.5	0.8	0.7	1.2	0.4	0.4	0.9
Bldg. 363 Apt. Laundry	0.7	0.9	0.7	0.7	0.7	0.6	0.5	0.3	0.6	1.0	0.3	0.5
Bldg. 1005 RHIC	0.6	1.1	0.7	1.0	1.2	0.5	0.8	0.7	0.5	0.6	0.7	0.8
Bldg. 930 LINAC	NS	1.0	NS	0.8	NS	0.8	NS	0.8	NS	0.8	NS	0.9
Bldg. 725 NSLS	0.7	NS	1	NS	1.3	NS	0.8	NS	0.8	NS	0.4	NS
Bldg. 490 Outpatient Clinic	NS	0.5	NS	1.0	NS	0.5	NS	0.6	NS	0.5	NS	0.7
Bldg. 490 Block 11	NS	0.4	NS	0.3	NS	0.5	NS	0.3	NS	0.9	NS	0.5
Bldg. 490 Block 1 ACF	0.5	NS	0.3	NS	0.6	NS	0.7	NS	0.5	NS	0.8	NS
Bldg. 490 Block 4 MRC	0.7	NS	0.8	NS	1.1	NS	0.7	NS	1.0	NS	0.4	NS
<b>Monthly Average</b>	0.8	0.8	0.7	0.8	1.0	0.6	0.7	0.6	0.8	0.7	0.6	0.8

NA - Not Applicable

NS- Not Scheduled for sampling

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

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-001

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

Federal ID : 5111891

Client ID. : 21963-001

Collected : 1/6/2006 12:45:00 PM Point No: 094-273  
Received : 1/6/2006 3:25:00 PM Location: B-49 Water Tower

Collected By CLIENT

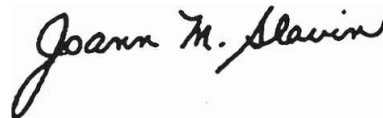
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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Specific Conductance	133		1	µmhos/cm		E120.1	01/06/2006
PH (FIELD)	7.0		1	pH Units		E150.1	01/06/2006
Temperature	10		1	°C		E170.1	01/06/2006
Total Coliform	Negative		1		Negative	M9223	01/07/2006 12:00 PM
E_Coliform	Absent		1		Absent	M9223	01/07/2006 12:00 PM
Alkalinity, Total (As CaCO3)	13.8		1	mg/L		M2320 B	01/10/2005 9:28 AM
Total Residual Chlorine	1.0		1	mg/L		M4500-Cl G	01/06/2006
Turbidity	< 1.0		1	NTU	5	E180.1	01/07/2006 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 : 2/3/2006



Laboratory Manager

BNLM171 A26

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-002

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

Federal ID : 5111891

Client ID. : 21963-002

Collected : 1/6/2006 8:30:00 AM

Point No: 076-408

Received : 1/6/2006 3:25:00 PM

Location: B-640 Water Tower

Collected By CLIENT

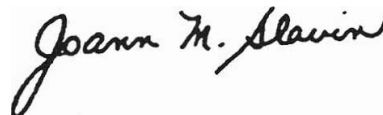
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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Specific Conductance	141		1	µmhos/cm		E120.1	01/06/2006
PH (FIELD)	7.0		1	pH Units		E150.1	01/06/2006
Temperature	11		1	°C		E170.1	01/06/2006
Total Coliform	Negative		1		Negative	M9223	01/07/2006 12:00 PM
E_Coliform	Absent		1		Absent	M9223	01/07/2006 12:00 PM
Alkalinity, Total (As CaCO3)	14.6		1	mg/L		M2320 B	01/10/2005 9:33 AM
Total Residual Chlorine	0.9		1	mg/L		M4500-CI G	01/06/2006
Turbidity	< 1.0		1	NTU	5	E180.1	01/07/2006 11:15 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 : 2/3/2006



Laboratory Manager

BNLM171 A28

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-004

Sample Information...

Type : Potable Water

Origin: Distribution

Federal ID : 5111891

Client ID. : 21963-004

Collected : 1/6/2006 9:00:00 AM

Point No: 109-19

Received : 1/6/2006 3:25:00 PM

Location: B-363 Apt.Laundry

Collected By CLIENT

Copy : Original

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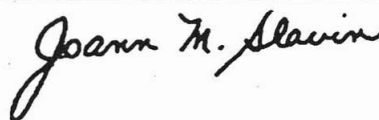
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Specific Conductance	118		1	µmhos/cm		E120.1	01/06/2006
PH (FIELD)	6.8		1	pH Units		E150.1	01/06/2006
Temperature	10		1	°C		E170.1	01/06/2006
Total Coliform	Negative		1		Negative	M9223	01/07/2006 12:00 PM
E_Coliform	Absent		1		Absent	M9223	01/07/2006 12:00 PM
Alkalinity, Total (As CaCO3)	15.2		1	mg/L		M2320 B	01/10/2005 9:38 AM
Total Residual Chlorine	0.5		1	mg/L		M4500-CI G	01/06/2006
Turbidity	1.0		1	NTU	5	E180.1	01/07/2006 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 : 2/3/2006



Laboratory Manager



# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-003

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

Federal ID : 5111891

Client ID. : 21963-003

Collected : 1/6/2006 8:45:00 AM

Point No: 045-12

Received : 1/6/2006 3:25:00 PM

Location: B-1005 RHIC

Collected By CLIENT

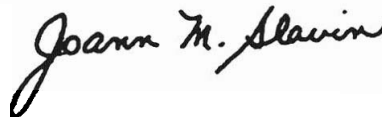
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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	01/07/2006 12:00 PM
E_Coliform	Absent		1		Absent	M9223	01/07/2006 12:00 PM
Total Residual Chlorine	0.8		1	mg/L		M4500-Cl G	01/06/2006

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

Date Reported : 2/3/2006



Laboratory Manager

BNLM171 A29

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-005

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

Federal ID : 5111891

Client ID. : 21963-005

Collected : 1/6/2006 9:15:00 AM

Point No: 054-187

Received : 1/6/2006 3:25:00 PM

Location: B-930 LINAC

Collected By CLIENT

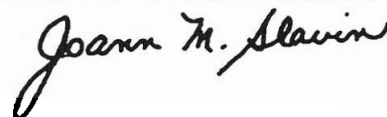
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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	01/07/2006 12:00 PM
E_Coliform	Absent		1		Absent	M9223	01/07/2006 12:00 PM
Total Residual Chlorine	0.9		1	mg/L		M4500-CI G	01/06/2006

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

Date Reported : 2/3/2006



Laboratory Manager

BNLM171 A32

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-006

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

Federal ID : 5111891

Client ID. : 21963-006

Collected : 1/6/2006 10:45:00 AM

Point No: 084-70

Received : 1/6/2006 3:25:00 PM

Location: B-490 Outpatient Clinic

Collected By CLIENT

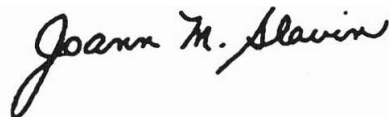
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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	01/07/2006 12:00 PM
E_Coliform	Absent		1		Absent	M9223	01/07/2006 12:00 PM
Total Residual Chlorine	0.7		1	mg/L		M4500-CI G	01/06/2006

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

Date Reported : 2/3/2006



Laboratory Manager

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-007

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

Federal ID : 5111891

Client ID. : 21963-007

Collected : 1/6/2006 10:35:00 AM Point No: 084-67

Received : 1/6/2006 3:25:00 PM Location: B-490 Block 11

Collected By CLIENT

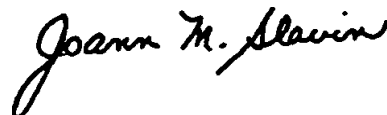
Copy : **Original**

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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	01/07/2006 12:00 PM
E_Coliform	Absent		1		Absent	M9223	01/07/2006 12:00 PM
Total Residual Chlorine	0.5		1	mg/L		M4500-CI G	01/06/2006

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

Date Reported : 2/3/2006



Laboratory Manager

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-008

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

Federal ID : 5111891

Client ID. : 21963-008

Collected : 1/6/2006 12:45:00 PM

Point No: 094-273

Received : 1/6/2006 3:25:00 PM

Location: B-49 Water Tower

Collected By CLIENT

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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	01/07/2006 12:00 PM
E_Coliform	Absent		1		Absent	M9223	01/07/2006 12:00 PM
Total Residual Chlorine	1.0		1	mg/L		M4500-Cl G	01/06/2006

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

Date Reported : 2/3/2006

*Joann M. Slavin*

Laboratory Manager

**ATTACHMENT IV**

**Brookhaven National Laboratory**

**Potable Water Supply**

**2006 First Quarter Bacteriological Analyses**

**for the BNL Potable Water Wells**

**and GAC/Air Stripper Treatment Systems**

---

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-009

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

Federal ID : 5111891

Client ID. : 21963-009

Collected : 1/6/2006 10:15:00 AM Point No: 093-07  
Received : 1/6/2006 3:25:00 PM Location: Well #6 Raw

Collected By CLIENT

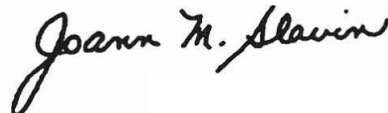
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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	01/07/2006 12:00 PM
E_Coliform	Absent		1		Absent	M9223	01/07/2006 12:00 PM

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

Date Reported : 2/3/2006



Laboratory Manager

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-010

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

Federal ID : 5111891

Client ID. : 21963-010

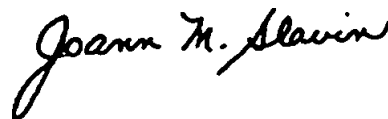
Collected : 1/6/2006 10:30:00 AM Point No: 092-03  
Received : 1/6/2006 3:25:00 PM Location: Well #7 Raw  
Collected By CLIENT

Copy : Original  
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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	01/07/2006 12:00 PM
E_Coliform	Absent		1		Absent	M9223	01/07/2006 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 : 2/3/2006



Laboratory Manager



# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-011

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

Federal ID : 5111891

Client ID. : 21963-011

Collected : 1/6/2006 9:30:00 AM

Point No: 055-09

Received : 1/6/2006 3:25:00 PM

Location: Well #10 Raw

Collected By CLIENT

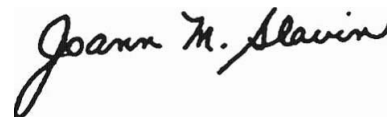
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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	01/07/2006 12:00 PM
E_Coliform	Absent		1		Absent	M9223	01/07/2006 12:00 PM

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

Date Reported : 2/3/2006



Laboratory Manager

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-012

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

Federal ID : 5111891

Client ID. : 21963-012

Collected : 1/6/2006 11:15:00 AM Point No: 056-19

Received : 1/6/2006 3:25:00 PM Location: Well #11 Raw

Collected By CLIENT

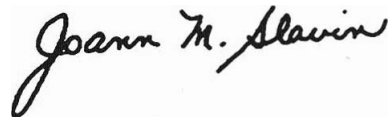
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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	01/07/2006 12:00 PM
E_Coliform	Absent		1		Absent	M9223	01/07/2006 12:00 PM

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

Date Reported : 2/3/2006



Laboratory Manager

BNLM171 A47

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-013

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

Federal ID : 5111891

Client ID. : 21963-013

Collected : 1/6/2006 11:00:00 AM Point No: 056-20  
Received : 1/6/2006 3:25:00 PM Location: Well #12 Raw  
Collected By CLIENT

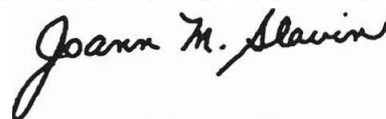
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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	01/07/2006 12:00 PM
E_Coliform	Absent		1		Absent	M9223	01/07/2006 12:00 PM

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

Date Reported : 2/3/2006



Laboratory Manager

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-014

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

Federal ID : 5111891

Client ID. : 21963-014

Collected : 1/6/2006 1:15:00 PM

Point No: 073-20

Received : 1/6/2006 3:25:00 PM

Location: Wtf Packed Tower 648

Collected By CLIENT

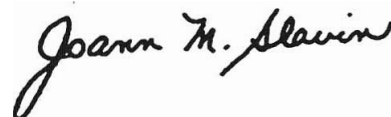
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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	01/07/2006 12:00 PM
E_Coliform	Absent		1		Absent	M9223	01/07/2006 12:00 PM

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

Date Reported : 2/3/2006



Laboratory Manager

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-015

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

Federal ID : 5111891

Client ID. : 21963-015

Collected : 1/6/2006 9:30:00 AM

Point No: 055-36

Received : 1/6/2006 3:25:00 PM

Location: Well #10 Gac Filter 654

Collected By CLIENT

Copy : Original

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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	01/07/2006 12:00 PM
E_Coliform	Absent		1		Absent	M9223	01/07/2006 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 : 2/3/2006

*Joann M. Slavin*

Laboratory Manager

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-016

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

Federal ID : 5111891

Client ID. : 21963-016

Collected : 1/6/2006 11:15:00 AM Point No: 056-31  
Received : 1/6/2006 3:25:00 PM Location: Well #11 Gac Filter 655

Collected By CLIENT

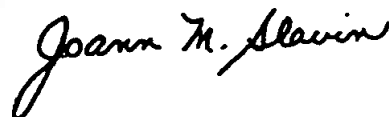
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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	01/07/2006 12:00 PM
E_Coliform	Absent		1		Absent	M9223	01/07/2006 12:00 PM

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

Date Reported : 2/3/2006



Laboratory Manager

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-017

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

Federal ID : 5111891

Client ID. : 21963-017

Collected : 1/6/2006 11:00:00 AM

Point No: 056-32

Received : 1/6/2006 3:25:00 PM

Location: Well #12 Gac Filter 657

Collected By CLIENT

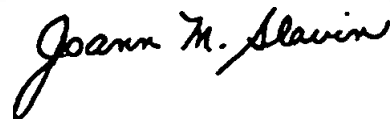
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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	01/07/2006 12:00 PM
E_Coliform	Absent		1		Absent	M9223	01/07/2006 12:00 PM

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

Date Reported : 2/3/2006



Laboratory Manager

BNLM171 A54

**ATTACHMENT V**

**Brookhaven National Laboratory**

**Potable Water Supply**

**2006 Semi-Annual Inorganic and Nitrate/Nitrite Analyses**

**for the BNL Distribution System**



**H2M LABS, INC.**575 Broad Hollow Road, Melville NY 11747  
(631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478**LABORATORY RESULTS**

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Lab No. : 0601190-018A

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Federal ID 5111891

Client ID. : 21963-018

Collected : 1/6/06 11:30:00 AM

Point No : 085-294

Received : 1/6/06 3:25:00 PM

Location : B-185 Personnel

Collected By : CLIENT

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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Barium	< 200		1	µg/L	2000	E200.7	01/26/2006 12:26 PM
Beryllium	< 3.0		1	µg/L	4	E200.7	01/26/2006 12:26 PM
Cadmium	< 5.0		1	µg/L	5	E200.7	01/26/2006 12:26 PM
Calcium	7180		1	µg/L		E200.7	01/26/2006 12:26 PM
Chromium	< 10		1	µg/L	100	E200.7	01/26/2006 12:26 PM
Iron	92.7		1	µg/L	300	E200.7	01/26/2006 12:26 PM
Manganese	13.8		1	µg/L	300	E200.7	01/26/2006 12:26 PM
Nickel	< 40.0		1	µg/L	100	E200.7	01/26/2006 12:26 PM
Silver	< 10		1	µg/L	100	E200.7	01/26/2006 12:26 PM
Sodium	17500		1	µg/L		E200.7	01/26/2006 12:26 PM
Zinc	21.6		1	µg/L	5000	E200.7	01/26/2006 12:26 PM
Scandium	87.2	BS	1	mg/l		E200.8	01/25/2006 4:23 PM
Arsenic	< 0.06		1	ug/l	10	E200.8	01/25/2006 4:23 PM
Lead	0.90	B	1	ug/l	15	E200.8	01/25/2006 4:23 PM
Selenium	0.34	B	1	ug/l	50	E200.8	01/25/2006 4:23 PM
Antimony	1.12	B	1	ug/l	6	E200.8	01/25/2006 4:23 PM
Thallium	0.26	B	1	ug/l	2	E200.8	01/25/2006 4:23 PM
Mercury	< 0		1	ug/l	2	E200.8	01/25/2006 4:23 PM
Chloride	31.4		1	mg/L	250	E325.2	01/11/2006 10:32 AM
Cyanide	< 10		1	µg/L	200	M4500-CN CE	01/13/2006 9:44 AM
Color	< 5		1	units	15	E110.2	01/07/2006 10:17 AM
Specific Conductivity	168		1	µmhos/cm		M2510 3	01/09/2006 3:04 PM
Fluoride	< 0.10		1	mg/L	2.2	M4500F C	01/11/2006 9:42 AM
MBAS	< 0.08		1	mg/L		E425.1	01/07/2006 2:20 PM
Nitrogen, Ammonia (As N)	< 0.10		1	mg/L		E350.1	01/09/2006 5:49 PM
Nitrite as N	< 0.10		1	mg/L	1	E353.2	01/07/2006 10:43 AM
Nitrate as N	0.27		1	mg/L	10	E353.2	01/09/2006 12:11 PM
Odor	0		1	units	3	E140.1	01/07/2006 10:16 AM
pH	7.2		1	pH Units		E150.1	01/06/2006 5:20 PM
Sulfate	9.7		1	mg/L	250	E375.4	01/09/2006 1:10 PM
Turbidity	< 1.0		1	NTU	5	E180.1	01/07/2006 11:25 AM

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

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

D.F. = Dilution Factor

Date Reported : 2/3/06



**ATTACHMENT VI**

**Brookhaven National Laboratory**

**Potable Water Supply**

**2006 First Quarter Principal Organic Compound Analyses**

**for the BNL Potable Water Distribution System and Potable Water Wells**

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-009

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

Federal ID : 5111891

Client ID. : 21963-009

Collected : 1/6/2006 10:15:00 AM

Point No: 093-07

Received : 1/6/2006 3:25:00 PM

Location: Well #6 Raw

Collected By CLIENT

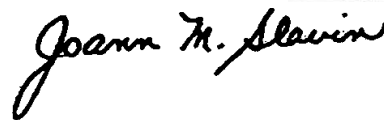
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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
Chloromethane	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	01/19/2006 11:52 PM
Bromomethane	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
Chloroethane	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
Chloroform	1.1		1	µg/L	50	E502.2	01/19/2006 11:52 PM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	01/19/2006 11:52 PM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	01/19/2006 11:52 PM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
Bromoform	< 0.5		1	µg/L	50	E502.2	01/19/2006 11:52 PM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM

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

Date Reported : 2/3/2006



# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-009

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

Federal ID : 5111891

Client ID. : 21963-009

Collected : 1/6/2006 10:15:00 AM

Point No: 093-07

Received : 1/6/2006 3:25:00 PM

Location: Well #6 Raw

Collected By CLIENT

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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
Benzene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
Toluene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
o-Xylene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
Styrene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	01/19/2006 11:52 PM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/19/2006 11:52 PM

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

Date Reported : 2/3/2006

*Joann M. Slavin*

Laboratory Manager

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-010

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

Federal ID : 5111891

Client ID. : 21963-010

Collected : 1/6/2006 10:30:00 AM Point No: 092-03  
Received : 1/6/2006 3:25:00 PM Location: Well #7 Raw

Collected By CLIENT

Copy : Original

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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
Chloromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	01/20/2006 12:44 AM
Bromomethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
Chloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
Chloroform	0.6		1	µg/L	50	E502.2	01/20/2006 12:44 AM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	01/20/2006 12:44 AM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	01/20/2006 12:44 AM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
Bromoform	< 0.5		1	µg/L	50	E502.2	01/20/2006 12:44 AM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM

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

Date Reported : 2/3/2006

Laboratory Manager

BNLM171 A39

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-010

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

Federal ID : 5111891

Client ID. : 21963-010

Collected : 1/6/2006 10:30:00 AM

Point No: 092-03

Received : 1/6/2006 3:25:00 PM

Location: Well #7 Raw

Collected By CLIENT

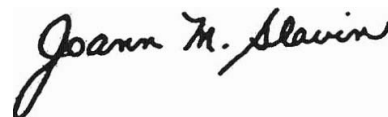
Copy : Original

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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
Benzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
Toluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
o-Xylene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
Styrene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	01/20/2006 12:44 AM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 12:44 AM

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

Date Reported : 2/3/2006



Laboratory Manager

BNLM171 A40

# H2M LABS, INC.

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

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Lab No. : 0601190-011

Sample Information...

Type : Potable Water

Origin: Raw Well

Federal ID : 5111891

Client ID : 21963-011

Collected : 1/6/2006 9:30:00 AM

Point No: 055-09

Received : 1/6/2006 3:25:00 PM

Location: Well #10 Raw

Collected By CLIENT

Copy : Original

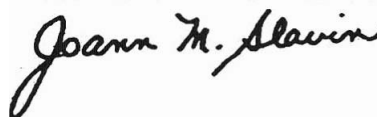
CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
Chloromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	01/20/2006 1:38 AM
Bromomethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
Chloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
Chloroform	0.6		1	µg/L	50	E502.2	01/20/2006 1:38 AM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	01/20/2006 1:38 AM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	01/20/2006 1:38 AM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
Bromoform	< 0.5		1	µg/L	50	E502.2	01/20/2006 1:38 AM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM

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

Date Reported : 2/3/2006

Laboratory Manager



BNLM171 A42

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-011

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

Federal ID : 5111891

Client ID. : 21963-011

Collected : 1/6/2006 9:30:00 AM

Point No: 055-09

Received : 1/6/2006 3:25:00 PM

Location: Well #10 Raw

Collected By CLIENT

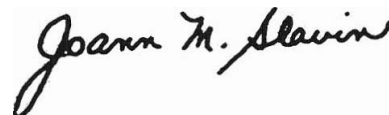
Copy : Original

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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
Benzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
Toluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
o-Xylene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
Styrene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	01/20/2006 1:38 AM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 1:38 AM

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

Date Reported : 2/3/2006



Laboratory Manager

BNLM171 A43



# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-012

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

Federal ID : 5111891

Client ID. : 21963-012

Collected : 1/6/2006 11:15:00 AM

Point No: 056-19

Received : 1/6/2006 3:25:00 PM

Location: Well #11 Raw

Collected By CLIENT

Copy : Original

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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
Chloromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	01/20/2006 2:31 AM
Bromomethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
Chloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
Chloroform	< 0.5		1	µg/L	50	E502.2	01/20/2006 2:31 AM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	01/20/2006 2:31 AM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	01/20/2006 2:31 AM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
Bromoform	< 0.5		1	µg/L	50	E502.2	01/20/2006 2:31 AM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM

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

*Joann M. Slavin*

Date Reported : 2/3/2006

Laboratory Manager

BNLM171 A45

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-012

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

Federal ID : 5111891

Client ID. : 21963-012

Collected : 1/6/2006 11:15:00 AM Point No: 056-19  
Received : 1/6/2006 3:25:00 PM Location: Well #11 Raw

Collected By CLIENT

Copy : Original

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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
Benzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
Toluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
o-Xylene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
Styrene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	01/20/2006 2:31 AM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 2:31 AM

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

Date Reported : 2/3/2006

*Joann M. Slavin*

Laboratory Manager

BNLMI71 A46

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-013

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

Federal ID : 5111891

Client ID. : 21963-013

Collected : 1/6/2006 11:00:00 AM Point No: 056-20  
Received : 1/6/2006 3:25:00 PM Location: Well #12 Raw

Collected By CLIENT

Copy : Original

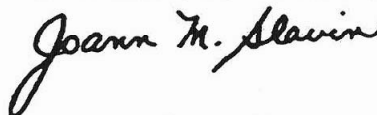
CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
Chloromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	01/20/2006 3:25 AM
Bromomethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
Chloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
Chloroform	< 0.5		1	µg/L	50	E502.2	01/20/2006 3:25 AM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	01/20/2006 3:25 AM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	01/20/2006 3:25 AM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
Bromoform	< 0.5		1	µg/L	50	E502.2	01/20/2006 3:25 AM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM

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

Date Reported : 2/3/2006

Laboratory Manager



BNLM171 A48

# H2M LABS, INC.

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

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Lab No. : 0601190-013

Sample Information...

Type : Potable Water

Origin: Raw Well

Federal ID : 5111891

Client ID. : 21963-013

Collected : 1/6/2006 11:00:00 AM

Point No: 056-20

Received : 1/6/2006 3:25:00 PM

Location: Well #12 Raw

Collected By CLIENT

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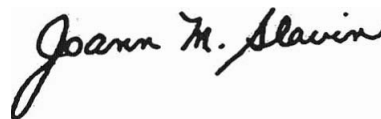
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
Benzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
Toluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
o-Xylene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
Styrene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	01/20/2006 3:25 AM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 3:25 AM

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

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

D.F. = Dilution Factor

Date Reported : 2/3/2006



Laboratory Manager

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-019

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

Federal ID : 5111891

Client ID. : 21963-019

Collected : 1/6/2006 1:15:00 PM

Point No: 073-10

Received : 1/6/2006 3:25:00 PM

Location: Bldg. 624 WTP

Collected By CLIENT

Copy : Original

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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
Chloromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	01/20/2006 4:18 AM
Bromomethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
Chloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
Chloroform	1.0		1	µg/L	50	E502.2	01/20/2006 4:18 AM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
Dibromomethane	0.9		1	µg/L	5	E502.2	01/20/2006 4:18 AM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	01/20/2006 4:18 AM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	01/20/2006 4:18 AM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
Bromoform	< 0.5		1	µg/L	50	E502.2	01/20/2006 4:18 AM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM

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

*Joann M. Slavin*

Date Reported : 2/3/2006

Laboratory Manager

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-019

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

Federal ID : 5111891

Client ID. : 21963-019

Collected : 1/6/2006 1:15:00 PM

Point No: 073-10

Received : 1/6/2006 3:25:00 PM

Location: Bldg. 624 WTP

Collected By CLIENT

Copy : Original

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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
Benzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
Toluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
o-Xylene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
Styrene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	01/20/2006 4:18 AM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 4:18 AM

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

Date Reported : 2/3/2006

*Joann M. Slavin*

Laboratory Manager

BNLM171

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-020

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

Federal ID : 5111891

Client ID. : 21963-020

Collected : 1/6/2006 9:30:00 AM

Point No: 055-38

Received : 1/6/2006 3:25:00 PM

Location: Well #10 Treated

Collected By CLIENT

Copy : Original

CC

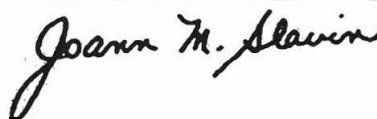
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
Chloromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	01/20/2006 5:11 AM
Bromomethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
Chloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
Chloroform	6.6		1	µg/L	50	E502.2	01/20/2006 5:11 AM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
Bromodichloromethane	5.5		1	µg/L	50	E502.2	01/20/2006 5:11 AM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
Dibromochloromethane	2.2		1	µg/L	50	E502.2	01/20/2006 5:11 AM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
Bromoform	< 0.5		1	µg/L	50	E502.2	01/20/2006 5:11 AM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM

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

Date Reported : 2/3/2006

Page 13 of 20

Laboratory Manager



BNLMI71 A59

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-020

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

Federal ID : 5111891

Client ID. : 21963-020

Collected : 1/6/2006 9:30:00 AM

Point No: 055-38

Received : 1/6/2006 3:25:00 PM

Location: Well #10 Treated

Collected By CLIENT

Copy : Original

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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
Benzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
Toluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
o-Xylene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
Styrene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	01/20/2006 5:11 AM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 5:11 AM

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

Date Reported : 2/3/2006

*Joann M. Slavin*

Laboratory Manager



# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-021

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

Federal ID : 5111891

Client ID. : 21963-021

Collected : 1/6/2006 11:15:00 AM

Point No: 056-33

Received : 1/6/2006 3:25:00 PM

Location: Well #11 Treated

Collected By CLIENT

Copy : Original

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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
Chloromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	01/20/2006 6:05 AM
Bromomethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
Chloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
Chloroform	< 0.5		1	µg/L	50	E502.2	01/20/2006 6:05 AM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	01/20/2006 6:05 AM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	01/20/2006 6:05 AM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
Bromoform	< 0.5		1	µg/L	50	E502.2	01/20/2006 6:05 AM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM

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

Date Reported : 2/3/2006

*Joann M. Slavin*

Laboratory Manager

BNLMI171 A61

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-021

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

Federal ID : 5111891

Client ID. : 21963-021

Collected : 1/6/2006 11:15:00 AM

Point No: 056-33

Received : 1/6/2006 3:25:00 PM

Location: Well #11 Treated

Collected By CLIENT

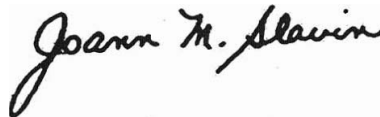
Copy : Original

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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
Benzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
Toluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
o-Xylene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
Styrene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	01/20/2006 6:05 AM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:05 AM

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

Date Reported : 2/3/2006



Laboratory Manager

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-022

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

Federal ID : 5111891

Client ID. : 21963-022

Collected : 1/6/2006 11:00:00 AM

Point No: 056-34

Received : 1/6/2006 3:25:00 PM

Location: Well #12 Treated

Collected By CLIENT

Copy : Original

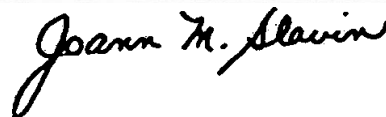
CC

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
Chloromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
Vinyl chloride	< 0.5		1	µg/L	2	E502.2	01/20/2006 6:58 AM
Bromomethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
Chloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
Trichlorofluoromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
1,1-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
Methylene chloride	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
trans-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
1,1-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
cis-1,2-Dichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
2,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
Bromochloromethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
Chloroform	< 0.5		1	µg/L	50	E502.2	01/20/2006 6:58 AM
1,1,1-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
Carbon tetrachloride	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
1,1-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
1,2-Dichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
Trichloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
1,2-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
Dibromomethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
Bromodichloromethane	< 0.5		1	µg/L	50	E502.2	01/20/2006 6:58 AM
trans-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
cis-1,3-Dichloropropene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
1,1,2-Trichloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
Tetrachloroethene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
1,3-Dichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
Dibromochloromethane	< 0.5		1	µg/L	50	E502.2	01/20/2006 6:58 AM
Chlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
1,1,1,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
Bromoform	< 0.5		1	µg/L	50	E502.2	01/20/2006 6:58 AM
Bromobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
1,1,2,2-Tetrachloroethane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
1,2,3-Trichloropropane	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
2-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
4-Chlorotoluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
1,2-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
1,3-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM

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

Date Reported : 2/3/2006

Laboratory Manager



BNLM171 A63

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0601190-022

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

Federal ID : 5111891

Client ID. : 21963-022

Collected : 1/6/2006 11:00:00 AM Point No: 056-34  
Received : 1/6/2006 3:25:00 PM Location: Well #12 Treated

Collected By CLIENT

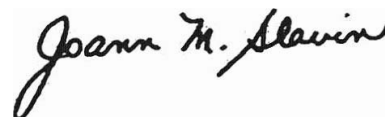
Copy : Original

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Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Method Number	Analyzed
1,4-Dichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
1,2,4-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
Hexachlorobutadiene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
1,2,3-Trichlorobenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
Benzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
Toluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
Ethylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
m,p-Xylene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
o-Xylene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
Styrene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
Isopropylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
n-Propylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
1,3,5-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
Methyl tert-butyl ether	< 0.5		1	µg/L	10	E502.2	01/20/2006 6:58 AM
tert-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
1,2,4-Trimethylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
4-Isopropyltoluene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
sec-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM
n-Butylbenzene	< 0.5		1	µg/L	5	E502.2	01/20/2006 6:58 AM

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

Date Reported : 2/3/2006



Laboratory Manager

BNLM171 A64