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for the U.S. Department of Energy

September 10, 2003

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

Dear Ms. Kathleen Newcomer:

**Subject: Monthly Water Treatment Plant Reports**  
**Reference: Suffolk County Minimum Monitoring Requirements for August 2003**

In accordance with the requirements of the BNL Potable Water System Sampling Plan and the 2003 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 and Bacteriological Reports for August.
- Attachment II: August 2003 Biweekly, Third Quarter, and Semi-Annual Water Quality Monitoring Data for the BNL Potable Water Wells and the BNL Distribution System and Annual Asbestos Analysis for the BNL Potable Water Distribution System.
- Attachment III: Summary of 2003 Annual First Draw Lead and Copper Analyses and Supporting Documentation.
- Attachment IV: 2003 Semi-Annual Inorganic and Nitrate/Nitrite Analyses for the BNL Potable Water Distribution System.
- Attachment V: 2003 Semi-Annual Inorganic and Nitrate/Nitrite Analyses for the BNL Potable Wells, Third Quarter Principal Organic Compound Analyses for the BNL Potable Water Distribution System and Potable Water Wells, and Annual Synthetic Organic Chemical and Pesticides Analyses for the BNL Potable Water Wells.



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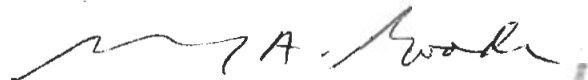
Attachment VI: 2003 Third Quarter Radiological Analyses for the BNL Potable Water Wells

All analytical results have been reviewed and have been found to be within New York State Department of Health Drinking Water Standards (NYSDOH DWS) except for total iron concentration at Potable Wells 4, 6, and 7. The water from these wells is treated at the Water Treatment Facility for iron and color reduction prior to site distribution. The analysis of distribution water met the iron and color drinking water standards.

Collection and analysis of these samples are 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 R. Lee at (631) 344-3148, M. Allocco at (631) 344-3166, or W. Chaloupka at (631) 344-7136.

Sincerely,



George A. Goode  
Environmental & Waste Management Services  
Division Manager

GAG/MA:car

Attachments: As noted

cc:	M. Allocco	w/attachments
	L. Ambroszkiewicz, SCDHS	w/attachments
	W. Chaloupka	w/attachments
	J. Granzen	w/attachments
	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 and Bacteriological Reports for August 2003  
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: <b>AUGUST 2003</b>
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LOCATION: **Water Treatment Facility**

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

Source: Ground Water

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

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl2 Residual mg/l	Lime Sodium Hydroxide		
		Gallons	Cl2 use per 24hrs		_____	_____	
1	1,054	95	17	0.8	7.8	12946617	
2	0						
3	0						
4	3,032	60+140	35	1.1	7.7	12950703	
5	718	190	10	1.5	7	12951421	
6	789	178	12	1.2	7.1	12952210	
7	1,121	160	18	1.4	7.2	12953331	
8	1,093	150+50	10	1	7.3	12954424	
9	0						
10	0						
11	3,468	160	40	1.03	7.3	12957892	
12	870	145	15	1.08	7.4	12958762	
13	1,077	130	15	0.59	7.6	12959839	
14	1,106	120	10	0.81	7.6	12960945	
15	633	110	10	0.7	7	12961578	
16	0	110+90					
17	0						
18	3,453	190	10	0.62	6.9	12965031	
19	1,087	175	15	0.72	7.2	12966118	
20	1,101	155+45	20	1.13	7.2	12967219	
21	1,106	185	15	0.7	7.3	12968325	
22	1,144	200	15	0.73	7.3	12969469	
23	0						
24	0						
25	3,106	162	38	1.2	7.2	12972575	
26	1,049	150	12	0.7	7.2	12973624	
27	1,102	138	12	0.89	7	12974726	
28	959	127	11	0.82	7.1	12975685	
29	1,097	112	15	1.1	7.3	12976782	
30	0						
31	2,955	78	34	0.82	7.1	12979737	
TOT	33,120		389				
AVG.	1068.39		12.55	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: *[Signature]*

Date: 9-3-03

Title: Water Systems Supervisor

Certification No. NY0031941

# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD: AUGUST 2003
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LOCATION: WELL NO. 4

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 Cl <sub>2</sub> Residual mg/l	Lime	Sodium Hydroxide	
		Gallons	Cl <sub>2</sub> use per 24hrs		Sodium		
1	306	123+27	6	0.25	6.2	1594537	
2	0						
3	0						
4	1,471	120	30	0.39	6.2	1596008	
5	92	118	2	0.3	6.1	1596100	
6	240	114+36	4	0.34	6.1	1596340	
7	632	144	6	0.24	6.2	1596972	
8	497	135	9	1	6.2	1597469	
9	0						
10	0						
11	1,651	108	27	0	6.1	1599120	
12	628	96	12	0.06	6	1599748	
13	463	90	6	0	6.1	1600211	
14	629	81	9	0.01	6.1	1600840	
15	196	78+72	3	0.03	5.9	1601036	
16	0						
17	0						
18	1,310	123	27	0.03	5.9	1602346	
19	427	114	9	0.03	5.9	1602773	
20	431	108+42	6	0.05	5.9	1603204	
21	473	141	9	0.27	6.1	1603677	
22	549	135	6	0.05	6	1604226	
23	0						
24	0						
25	1,596	108	27	0.04	6	1605822	
26	578	99+51	9	0.12	6	1606400	
27	526	138	12	0.63	6	1606926	
28	363	129	9	0.12	6	1607289	
29	521	123	6	0.51	6.1	1607810	
30	0						
31	1,673	96	27	0.42	6	1609483	
TOT	15,252		261				
AVG.	492.00		8.42	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: *JC Ross*

Date: 8-3-03

Title: Water Systems Supervisor

Certification No. NY0031941

# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD: AUGUST 2003
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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	
		Gallons	Cl2 use per 24hrs		Sodium		
1	0	129*21	0	6.2	0.25	397421	
2	0						
3	0						
4	504	132	18	6.2	0.39	397925	
5	0	132	0	0.3	6.1	397925	
6	0	132	0	0.34	6.1	397925	
7	181	126	6	0.24	6.2	398106	
8	36	126	0	1	6.2	398142	
9	0						
10	0						
11	558	114	12	0	6.1	398700	
12	250	105	9	0.06	6	398950	
13	113	105	0	0	6.1	399063	
14	277	99	6	0.01	6.1	399340	
15	6	96	3	0.03	5.9	399346	
16	0						
17	0						
18	37	96	0	0.03	5.9	399383	
19	57	96	0	0.03	5.9	399440	
20	96	96	0	0.05	5.9	399536	
21	78	93	3	0.27	6.1	399614	
22	161	90	3	0.05	6	399775	
23	0						
24	0						
25	351	78	12	0.04	6	400126	
26	215	72	6	0.12	6	400341	
27	77	72	0	0.15	6	400418	
28	87	69	3	0.12	6	400505	
29	203	66*84	3	0.51	6.1	400708	
30	0						
31	627	129	21	0.42	6	401335	
TOT	3,914		105				
AVG.	126.26		3.39	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: *L.C. Haney*

Date: 9-3-03

Title: Water Systems Supervisor

Certification No. NY0031941

# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD: AUGUST 2003
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LOCATION: WELL NO. 7

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

Source: Ground Water

Does the system have a chlorination waiver? YES  NO

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl2 Residual mg/l	Lime Sodium Hydroxide	Totalizer	
		Gallons	Cl2 use per 24hrs				
1	1,153	90+60	21	0.25	6.2	1189379	
2	0						
3	0						
4	3,431	81	69	0.39	6.2	1192810	
5	959	69	12	0.3	6.1	1193769	
6	897	50+100	19	0.34	6.1	1194666	
7	1,256	132	28	0.24	6.2	1195922	
8	1,180	114	18	1	6.2	1197102	
9	0						
10	0						
11	3,521	93+57	57	0	6.1	1200623	
12	1,077	129	21	0.06	6	1201700	
13	1,139	111	18	0	6.1	1202839	
14	1,228	93	28	0.01	6.1	1204067	
15	680	78+72	15	0.03	5.9	1204747	
16	0						
17	0						
18	3,293	90	60	0.03	5.9	1208040	
19	1,076	69	21	0.03	5.9	1209116	
20	1,056	51+99	18	0.05	5.9	1210172	
21	1,214	129	21	0.27	6.1	1211386	
22	1,217	108	21	0.05	6	1212603	
23	0						
24	0						
25	3,285	51	57	0.04	6	1215888	
26	1,185	24+126	27	0.12	6	1217073	
27	1,142	126	24	0.15	6	1218215	
28	1,056	106	18	0.12	6	1219271	
29	1,225	90+60	16	0.51	6.1	1220496	
30	0						
31	3,459	84	66	0.42	6	1223955	
TOT	35,729		655				
AVG.	1152.55		21.13	No. Days:	31		

Population Served 3,500

Number of routine samples 4

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

Number of actual routine samples 7

Does a M&AR violation exist? YES  NO

If yes, check reason's below.

Actual number of samples fewer than required.

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

Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

If yes, check reason(s) below.

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

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

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

Reported by: JL Hawn

Date: 9-3-03

Title: Water Systems Supervisor

Certification No. NY0031941

# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD: AUGUST 2003
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LOCATION: WELL NO. 10

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	0	38	0	NR	NR	765244	
2	0						
3	0						
4	0	38	0	NR	NR	765244	
5	0	38	0	NR	NR	765244	
6	0	38	0	NR	NR	765244	
7	77	38	0	NR	NR	765321	
8	0	38	0	NR	NR	765321	
9	0						
10	0						
11	0	38	0	NR	NR	765321	
12	0	38	0	NR	NR	765321	
13	0	38	0	NR	NR	765321	
14	0	38	0	NR	NR	765321	
15	0	38	0	NR	NR	765321	
16	0						
17	0						
18	1	38	0	NR	NR	765322	
19	0	38	0	NR	NR	765322	
20	0	38	0	NR	NR	765322	
21	0	38	0	NR	NR	765322	
22	157	38	0	NR	NR	765479	
23	0						
24	0						
25	0	38	0	NR	NR	765479	
26	0	38	0	NR	NR	765479	
27	0	38	0	NR	NR	765479	
28	0	38	0	NR	NR	765479	
29	0	38	0	NR	NR	765479	
30	0						
31	0	38	0	NR	NR	765479	
TOT	235		0				
AVG.	7.58		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 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: *La Row*

Date: 8-3-03

Title: Water Systems Supervisor

Certification No. NY0031941



# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD: AUGUST 2003
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LOCATION: **WELL NO. 11**

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

Source: Ground Water

Does the system have a chlorination waiver? YES  NO

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl <sub>2</sub> Residual mg/l	Lime	Sodium Hydroxide	
		Gallons	Cl <sub>2</sub> use per 24hrs		Sodium		
1	0	123	0	1.1	7.6	505603	
2	0						
3	0						
4	446	120	3	1	7.1	506049	
5	808	108	12	0.82	6.8	506857	
6	624	108	0	NR	6.8	507481	
7	130	105	3	0.43	7	507611	
8	4	105	0	NR	NR	507615	
9	0						
10	0						
11	0	105	0	NR	NR	507615	
12	0	105	0	NR	NR	507615	
13	0	105	0	NR	NR	507615	
14	0	105	0	0.36	6.9	507615	
15	8	93	12	0.15	6.6	507623	
16	0						
17	0						
18	0	85	8	NR	NR	507623	
19	0	84	1	0.03	6.2	507623	
20	0	84+24	0	0.48	6.1	507623	
21	0	117	1	0.63	6.4	507623	
22	0	108	9	0.52	6	507623	
23	0						
24	0						
25	0	108	0	NR	NR	507623	
26	0	108	0	0.98	6.5	507623	
27	0	108	0	NR	NR	507623	
28	94	108	0	1.1	7.2	507717	
29	0	108	0	NR	NR	507717	
30	0						
31	0	108	0	1.3	7.2	507717	
TOT	2,114		49				
AVG.	68.19		1.58	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. C. Davis*

Date: 9-3-03

Title: Water Systems Supervisor

Certification No. NY0031941

# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD: AUGUST 2003
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LOCATION: WELL NO. 12

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

Source: Ground Water

Does the system have a chlorination waiver? YES  NO

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer
	Treated Water K. Gals	Liquid Sodium Hypochlorite		Free Cl2 Residual mg/l	Lime Sodium Hydroxide	Totalizer	
		Gallons	Cl2 use per 24hrs				
1	0	141	0	0.79	7	646187	
2	0						
3	0						
4	0	138	3	NR	NR	646187	
5	0	138	0	1	7.2	646187	
6	2	138	0	0.75	5.9	646189	
7	59	138	0	1	7.4	646248	
8	130	138	0	NR	NR	646378	
9	0						
10	0						
11	0	138	0	NR	NR	646378	
12	3	135	3	NR	NR	646381	
13	0	135	0	0.4	6.6	646381	
14	2	135	0	0.34	6.6	646383	
15	610	120	15	0.18	5.7	646993	
16	0						
17	0						
18	0	117	3	NR	NR	646993	
19	0	117	0	0.03	6.1	646993	
20	67	117	0	0.26	6.2	647060	
21	1	117	0	0.57	7.2	647061	
22	17	117	0	0.27	6.4	647078	
23	0						
24	0						
25	1	114	3	NR	NR	647079	
26	0	114	0	0.99	7.1	647079	
27	5	114	0	0.07	7.1	647084	
28	117	114	0	0.99	6.9	647201	
29	0	114	0	NR	NR	647201	
30	0						
31	9	114	0	1.2	7.3	647210	
TOT	1,023		27				
AVG.	33.00		0.87	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. C. Row*

Date: 9-3-03

Title: Water Systems Supervisor

Certification No. NY0031941

9/1/2003  
Pump Data

MONTHLY GALLONAGE REPORT  
AUGUST 2003.xls

Date	Well 4	Well 6	Well 7	Well10	Well11	Well12	Daily Total
1	306	0	1,153	0	0	0	1,459
2	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0
4	1,471	504	3,431	0	446	0	5,852
5	92	0	959	0	808	0	1,859
6	240	0	897	0	624	2	1,763
7	632	181	1,256	77	130	59	2,335
8	497	36	1,180	0	4	130	1,847
9	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0
11	1,651	558	3,521	0	0	0	5,730
12	628	250	1,077	0	0	3	1,958
13	463	113	1,139	0	0	0	1,715
14	629	277	1,228	0	0	2	2,136
15	196	6	680	0	8	610	1,500
16	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0
18	1,310	37	3,293	1	0	0	4,641
19	427	57	1,076	0	0	0	1,560
20	431	96	1,056	0	0	67	1,650
21	473	78	1,214	0	0	1	1,766
22	549	161	1,217	157	0	17	2,101
23	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0
25	1,596	351	3,285	0	0	1	5,233
26	578	215	1,185	0	0	0	1,978
27	526	77	1,142	0	0	5	1,750
28	363	87	1,056	0	94	117	1,717
29	521	203	1,225	0	0	0	1,949
30	0	0	0	0	0	0	0
31	1,673	627	3,459	0	0	9	5,768
<b>Total</b>	<b>15,252</b>	<b>3,914</b>	<b>35,729</b>	<b>235</b>	<b>2,114</b>	<b>1,023</b>	<b>58,267</b>
			<b>Totalizer This Month</b>		<b>Totalizer Last Month</b>		<b>Total(x1,000) Gallons</b>
	Well 4		1,609,483		1,594,231		15,252
	Well 6		401,335		397,421		3,914
	Well 7		1,223,955		1,188,226		35,729
	Well 10		765,479		765,244		235
	Well 11		507,717		505,603		2,114
	Well 12		647,210		646,187		1,023
AGS Water Supply Meter			470,828		469,936		892.00
Medical Reactor - Well 105							0.00
Biology Building - Well 9			6,788,400		6,787,370		1.03

# 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 : S. Scarpitta

Lab No. : 0308264-001

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

Federal ID 5111891

Client ID. : 16843-001

Collected 8/6/2003 9:00:00 AM

Point No 094-273

Received 8/6/2003 3:12:00 PM

Location: B-49 Water Tower

Collected By CLIENT

Copy : Original

CC ; SCHD

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Total Coliform	Negative		Negative	M9223	8/7/2003 10:30:00 AM
E_Coliform	Absent		Absent	M9223	8/7/2003 10:30:00 AM
Total Residual Chlorine	0.9	mg/L		M4500-CI G	8/6/2003

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

Date Reported : 9/3/2003

*Joann M. Slavin*

Laboratory Manager

BNLMI38 A16

# 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 : S. Scarpitta

Lab No. : 0308264-002

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

Federal ID 5111891

Client ID. : 16843-002

Collected 8/6/2003 9:35:00 AM

Point No 076-408

Received 8/6/2003 3:12:00 PM

Location: B-640 Water Tower

Collected By CLIENT

Copy : Original

CC : SCHED

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	8/7/2003 10:30:00 AM
E_Coliform	Absent		Absent	M9223	8/7/2003 10:30:00 AM
Total Residual Chlorine	0.9	mg/L		M4500-Cl G	8/6/2003

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

Date Reported : 9/3/2003

*Joann M. Slavin*

Laboratory Manager

BNLM138 A17

# 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 : S. Scarpitta

Lab No. : 0308264-003

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

Federal ID 5111891

Client ID. : 16843-003

Collected 8/6/2003 9:45:00 AM

Point No 045-12

Received 8/6/2003 3:12:00 PM

Location: B-1005 RHIC

Collected By CLIENT

Copy : Original

CC : SCHD

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Total Coliform	Negative		Negative	M9223	8/7/2003 10:30:00 AM
E_Coliform	Absent		Absent	M9223	8/7/2003 10:30:00 AM
Total Residual Chlorine	1.0	mg/L		M4500-CI G	8/6/2003

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

Date Reported : 9/3/2003

*Joann M. Slavin*

Laboratory Manager

BNLM138 A18

# 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 : S. Scarpitta

Lab No. : 0308264-004

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

Federal ID 5111891

Client ID. : 16843-004

Collected 8/6/2003 9:15:00 AM

Point No 109-19

Received 8/6/2003 3:12:00 PM

Location: B-363 Apt. Laundry

Collected By CLIENT

Copy : Original

CC : SCHD

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	8/7/2003 10:30:00 AM
E_Coliform	Absent		Absent	M9223	8/7/2003 10:30:00 AM
Total Residual Chlorine	1.0	mg/L		M4500-CI G	8/6/2003

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

Date Reported : 9/3/2003

*Joann M. Slavin*

Laboratory Manager

BNLM138 A19

# 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 : S. Scarpitta

Lab No. : 0308264-005

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

Federal ID 5111891

Client ID. : 16843-005

Collected 8/6/2003 9:26:00 AM

Point No 075-602

Received 8/6/2003 3:12:00 PM

Location: B-725 NSLS

Collected By CLIENT

Copy : Original

CC : SCHD

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Total Coliform	Negative		Negative	M9223	8/7/2003 10:30:00 AM
E_Coliform	Absent		Absent	M9223	8/7/2003 10:30:00 AM
Total Residual Chlorine	1.1	mg/L		M4500-CI G	8/6/2003

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

Date Reported : 9/3/2003

*Joann M. Slavin*

Laboratory Manager

BNLM138 A20



# 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 : S. Scarpitta

Lab No. : 0308264-006

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

Federal ID 5111891

Client ID. : 16843-006

Collected 8/6/2003 10:10:00 AM

Point No 084-69

Received 8/6/2003 3:12:00 PM

Location: B-490 Block 1 ACF

Collected By CLIENT

Copy : Original

CC : SCHED

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	8/7/2003 10:30:00 AM
E_Coliform	Absent		Absent	M9223	8/7/2003 10:30:00 AM
Total Residual Chlorine	0.9	mg/L		M4500-Cl G	8/6/2003

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

Date Reported : 9/3/2003

*Joann M. Slavin*

Laboratory Manager

BNLM138 A21

# 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 : S. Scarpitta

Lab No. : 0308264-007

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

Federal ID 5111891

Client ID. : 16843-007

Collected 8/6/2003 10:12:00 AM

Point No 084-068

Received 8/6/2003 3:12:00 PM

Location: Bldg. 490 Block 4 - MRC

Collected By CLIENT

Copy : Original

CC : SCHD

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Total Coliform	Negative		Negative	M9223	8/7/2003 10:30:00 AM
E_Coliform	Absent		Absent	M9223	8/7/2003 10:30:00 AM
Total Residual Chlorine	1.1	mg/L		M4500-CI G	8/6/2003

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

Date Reported : 9/3/2003

*Joann M. Slavin*

Laboratory Manager

BNLM138 A22

# 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 : S. Scarpitta

Lab No. : 0308264-008

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

Federal ID 5111891

Client ID. : 16843-008

Collected 8/6/2003 10:13:00 AM Point No 1

Received 8/6/2003 3:12:00 PM Location: Duplicate of

Collected By CLIENT

*Bldg. 490 Block 7 - MRE*

Copy : Original

CC : SCHD

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		Negative	M9223	8/7/2003 10:30:00 AM
E_Coliform	Absent		Absent	M9223	8/7/2003 10:30:00 AM
Total Residual Chlorine	1.1	mg/L		M4500-Cl G	8/6/2003

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

Date Reported : 9/3/2003

*Joann M. Slavin*

Laboratory Manager

BNLMI38 A23

**ATTACHMENT II**

**Brookhaven National Laboratory  
Potable Water Supply**

**August 2003 Biweekly, Third Quarter, and Semi-Annual Water Quality Monitoring  
Data for the BNL Potable Water Wells and the BNL Distribution System and  
Annual Asbestos Analysis for the BNL Potable Water Distribution System**

**Attachment II**  
**Table 1 - Summary of Water Quality Analyses**  
**for the BNL Potable Water System**  
**August 2003**

Sample Location	Sample Date	pH (SU)	Temperature (Degrees F)	Conductivity (µmhos)	Alkalinity (mg/L)	Calcium (mg/L)
WTP	8/5/03	7.0	63	176	NR	NR
WTP	8/7/03	6.2	59	197	NR	NR
WTP	8/12/03	7.4	57	143	NR	NR
WTP	8/14/03	7.6	59	142	NR	NR
WTP	8/19/03	7.2	55	208	NR	NR
WTP	8/21/03	7.3	56	203	NR	NR
WTP	8/26/03	7.2	57	189	NR	NR
WTP	8/28/03	7.1	57	212	NR	NR
Well 11	8/5/03	6.8	55	243	NR	NR
Well 11	8/7/03	7.0	56	185	NR	NR
Well 11	8/14/03	6.9	55	157	NR	NR
Well 11	8/19/03	6.2	56	162	NR	NR
Well 11	8/21/03	<b>6.4</b>	56	149	NR	NR
Well 11	8/26/03	<b>6.5</b>	56	102	NR	NR
Well 11	8/28/03	7.2	55	173	NR	NR
Well 12	8/5/03	7.2	56	174	NR	NR
Well 12	8/7/03	7.4	55	204	NR	NR
Well 12	8/14/03	6.6	56	156	NR	NR
Well 12	8/19/03	6.1	56	183	NR	NR
Well 12	8/21/03	7.2	56	156	NR	NR
Well 12	8/26/03	7.1	56	74	NR	NR
Well 12	8/28/03	6.9	56	201	NR	NR
Bldg. 49	7/10/03	7.6	57	145	20.1	7.88
Bldg. 640	7/10/03	6.8	61	149	24.8	8.09
Bldg. 363	7/10/03	7.8	63	224	24.2	9.97
Well 4	8/6/03	6.1	55	131	11.9	4.83
Well 6	8/6/03	6.1	55	135	9.2	4.32
Well 7	8/6/03	6.1	50	178	11.2	4.66
Well 10	8/6/03	7.0	57	208	13.9	6.45
Well 11	8/6/03	6.0	55	190	20.5	6.42
Well 12	8/6/03	6.1	55	151	22.8	7.03

NR - Analysis Not Required or Not Reported

WTP - Water Treatment Plant

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

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0308264-009

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

Federal ID 5111891

Client ID. : 16843-009

Collected 8/6/2003 11:25:00 AM Point No 8  
Received 8/6/2003 3:12:00 PM Location: Well #4 Raw

Collected By CLIENT

Copy : Original

CC ; SCHED

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Specific Conductance	131	µmhos/cm		E120.1	8/6/2003
PH (FIELD)	6.1	pH units		E150.1	8/6/2003
Temperature	13	°C		E170.1	8/6/2003
Alkalinity, Total (As CaCO3)	11.9	mg/L		M2320 B	8/11/2003 11:14:00 AM

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

Date Reported : 9/3/2003

*Joanna M. Slavin*

Laboratory Manager

BNLM138 A25

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0308264-009

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

Federal ID 5111891

Client ID. : 16843-009

Collected 8/6/2003 11:25:00 AM Point No 8  
Received 8/6/2003 3:12:00 PM Location: Well #4 Raw

Collected By CLIENT

Copy : Original

CC ; SCHD

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Calcium	4830	µg/L		E200.7	8/16/2003 2:09:00 PM

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

Date Reported : 9/3/2003

*Joann M. Slavin*

Laboratory Manager

BNLM138 A24

# 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 : S. Scarpitta

Lab No. : 0308264-010

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

Federal ID 5111891

Client ID. : 16843-010

Collected 8/6/2003 11:40:00 AM Point No 9  
Received 8/6/2003 3:12:00 PM Location: Well #6 Raw

Collected By CLIENT

Copy : Original

CC : SCHD

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Specific Conductance	135	µmhos/cm		E120.1	8/6/2003
PH (FIELD)	6.1	pH units		E150.1	8/6/2003
Temperature	13	°C		E170.1	8/6/2003
Alkalinity, Total (As CaCO3)	9.2	mg/L		M2320 B	8/11/2003 11:46:00 AM

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

Date Reported : 9/3/2003

*Joann M. Slavin*

Laboratory Manager

BNLM138 A27



# 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 : S. Scarpitta

Lab No. : 0308264-010

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

Federal ID 5111891

Client ID. : 16843-010

Collected 8/6/2003 11:40:00 AM

Point No 9

Received 8/6/2003 3:12:00 PM

Location: Well #6 Raw

Collected By CLIENT

Copy : Original

CC : SCHD

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Calcium	4320	µg/L		E200.7	8/16/2003 2:17:00 PM

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

Date Reported : 9/3/2003

*Joann M. Slavin*

Laboratory Manager

BNLM138 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 : S. Scarpitta

Lab No. : 0308264-011

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

Federal ID 5111891

Client ID. : 16843-011

Collected 8/6/2003 11:50:00 AM Point No 10  
Received 8/6/2003 3:12:00 PM Location: Well #7 Raw

Collected By CLIENT

Copy : Original

CC ; SCHD

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Specific Conductance	178	µmhos/cm		E120.1	8/6/2003
PH (FIELD)	6.1	pH units		E150.1	8/6/2003
Temperature	10	°C		E170.1	8/6/2003
Alkalinity, Total (As CaCO3)	11.2	mg/L		M2320 B	8/11/2003 11:51:00 AM

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

Date Reported : 9/3/2003

*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 : S. Scarpitta

Lab No. : 0308264-011

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

Federal ID 5111891

Client ID. : 16843-011

Collected 8/6/2003 11:50:00 AM Point No 10  
Received 8/6/2003 3:12:00 PM Location: Well #7 Raw  
Collected By CLIENT

Copy : Original

CC : SCHD

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Calcium	4660	µg/L		E200.7	8/16/2003 2:25:00 PM

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

Date Reported : 9/3/2003

*Joann M. Slavin*

Laboratory Manager

BNLM138 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 : S. Scarpitta

Lab No. : 0308264-012

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

Federal ID 5111891

Client ID. : 16843-012

Collected 8/6/2003 10:50:00 AM

Point No 11

Received 8/6/2003 3:12:00 PM

Location: Well #10 Raw

Collected By CLIENT

Copy : Original

CC : SCHD

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Specific Conductance	208	µmhos/cm		E120.1	8/6/2003
PH (FIELD)	7.0	pH units		E150.1	8/6/2003
Temperature	14	°C		E170.1	8/6/2003
Alkalinity, Total (As CaCO3)	13.9	mg/L		M2320 B	8/11/2003 11:54:00 AM

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

Date Reported : 9/3/2003

Page 12 of 14

*Joann M. Slavin*

Laboratory Manager

BNLMI38 A31

# 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 : S. Scarpitta

Lab No. : 0308264-012

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

Federal ID 5111891

Client ID. : 16843-012

Collected 8/6/2003 10:50:00 AM Point No 11

Received 8/6/2003 3:12:00 PM Location: Well #10 Raw

Collected By CLIENT

Copy : Original

CC : SCHD

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Calcium	6450	µg/L		E200.7	8/16/2003 2:33:00 PM

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

Date Reported : 9/3/2003

*Joann M. Slavin*

Laboratory Manager

BNLM138 A30

# H2M LABS, INC.

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

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : S. Scarpitta

Federal ID 5111891

Client ID. : 16843-013

Collected 8/6/2003 11:10:00 AM Point No 12

Received 8/6/2003 3:12:00 PM Location: Well #11 Raw

Collected By CLIENT

Copy : Original

CC : SCHD

Sample Information...

Type : Potable Water

Origin: Raw Well

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Specific Conductance	190	µmhos/cm		E120.1	8/6/2003
PH (FIELD)	6.0	pH units		E150.1	8/6/2003
Temperature	13	°C		E170.1	8/6/2003
Alkalinity, Total (As CaCO3)	20.5	mg/L		M2320 B	8/11/2003 11:58:00 AM

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

Date Reported : 9/3/2003

*Joann M. Slavin*

Laboratory Manager

BNLM138 A33

# 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 : S. Scarpitta

Federal ID 5111891

Client ID. : 16843-013

Collected 8/6/2003 11:10:00 AM Point No 12

Received 8/6/2003 3:12:00 PM Location: Well #11 Raw

Collected By CLIENT

Copy : Original

CC : SCHD

Sample Information...

Type : Potable Water

Origin: Raw Well

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Calcium	6420	µg/L		E200.7	8/16/2003 2:58:00 PM

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

Date Reported : 9/3/2003

*Joann M. Slavin*

Laboratory Manager

BNLM138 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 : S. Scarpitta

Lab No. : 0308264-014

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

Federal ID 5111891

Client ID. : 16843-014

Collected 8/6/2003 11:15:00 AM Point No 13  
Received 8/6/2003 3:12:00 PM Location: Well #12 Raw  
Collected By CLIENT  
Copy : Original  
CC ; SCHD

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Specific Conductance	151	µmhos/cm		E120.1	8/6/2003
PH (FIELD)	6.1	pH units		E150.1	8/6/2003
Temperature	13	°C		E170.1	8/6/2003
Alkalinity, Total (As CaCO3)	22.8	mg/L		M2320 B	8/11/2003 12:02:00 PM

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

Date Reported : 9/3/2003

*Joann M. Slavin*

Laboratory Manager

BNLM138 A35



# H2M LABS, INC.

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

## LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : S. Scarpitta

Federal ID 5111891

Collected 8/6/2003 11:15:00 AM Point No 13

Received 8/6/2003 3:12:00 PM Location: Well #12 Raw

Collected By CLIENT

Copy : Original

CC ; SCHD

Lab No. : 0308264-014

Sample Information...

Type : Potable Water

Origin: Raw Well

Client ID. : 16843-014

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Calcium	7030	µg/L		E200.7	8/16/2003 3:07:00 PM

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

Date Reported : 9/3/2003

*Joann M. Slavin*

Laboratory Manager

BNLM138 A34

# 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 : S. Scarpitta

Lab No. : 0307363-001A

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

Federal ID : 5111891

Client ID. : 16841-001

Collected : 7/10/03 12:12:00 PM

Point No : 094-273

Received : 7/10/03 4:15:00 PM

Location : B-49 Water Tower

Collected By : CLIENT

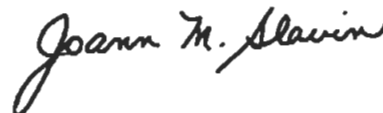
Copy : Original

CC : SCHED

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Specific Conductance	145	µmhos/cm		E120.1	7/10/03
PH (FIELD)	7.6	pH units		E150.1	7/10/03 12:01:00 AM
Temperature	14	°C		E170.1	7/10/03
Calcium	7880	µg/L		E200.7	7/14/03 1:55:00 PM
Alkalinity, Total (As CaCO3)	20.1	mg/L		M2320 B	7/15/03 9:50:00 AM
Turbidity	< 1.0	NTU	5	E180.1	7/12/03 10:32:00 AM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307363-002A

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

Federal ID 5111891

Client ID. : 16841-002

Collected : 7/10/03 12:20:00 PM

Point No : 076-408

Received : 7/10/03 4:15:00 PM

Location : B-640 Water Tower

Collected By : CLIENT

Copy : Original

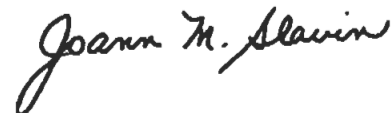
CC : SCHD

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Specific Conductance	149	µmhos/cm		E120.1	7/10/03
PH (FIELD)	6.8	pH units		E150.1	7/10/03 12:02:00 AM
Temperature	16	°C		E170.1	7/10/03
Calcium	8090	µg/L		E200.7	7/14/03 2:02:00 PM
Alkalinity, Total (As CaCO3)	24.8	mg/L		M2320 B	7/15/03 9:55:00 AM
Turbidity	< 1.0	NTU	5	E180.1	7/12/03 10:33:00 AM

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

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307363-003A

Sample Information...

Type : Potable Water

Origin : Dist.

Routine

Federal ID 5111891

Client ID. : 16841-004

Collected : 7/10/03 8:35:00 AM

Point No : 109-19

Received : 7/10/03 4:15:00 PM

Location : B-363 Apt.Laundry

Collected By : CLIENT

Copy : Original

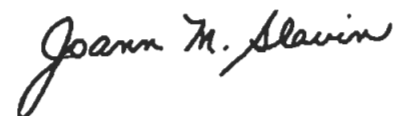
CC : SCHD

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Specific Conductance	224	µmhos/cm		E120.1	7/10/03
PH (FIELD)	7.8	pH units		E150.1	7/10/03 12:03:00 AM
Temperature	17	°C		E170.1	7/10/03
Calcium	9970	µg/L		E200.7	7/14/03 2:10:00 PM
Asbestos (See Attached)	N.D.	MFL		E198.2	7/16/03
Alkalinity, Total (As CaCO3)	24.2	mg/L		M2320 B	7/15/03 10:00:00 AM
Turbidity	< 1.0	NTU	5	E180.1	7/12/03 10:34:00 AM

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

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

Date Reported : 8/28/03



Laboratory Manager

BNLM 137



**EMSL Analytical, Inc.**

208 Stone Hinge Lane, Carle Place, NY 11514

Phone: (516) 997-7251 Fax: (516) 997-7528 Email: carleplacelab@emsl.com

Attn: H2M Labs, Inc.  
575 Broad Hollow Road  
Melville, NY 11747

Fax: (631) 694-4122 Phone: (631) 756-8000  
Project: BNLM 137

Customer ID: H2ML50  
Customer PO: 7686  
Received: 07/11/03 10:46 AM  
EMSL Order: 060304682  
EMSL Project ID:

Analysis Date: 7/16/2003

**Determination of Asbestos Structures over 10um in Length in Drinking Water  
Performed by the EPA 100.2 Method**

SAMPLE ID	#ASBESTOS FIBERS	# NON-ASBESTOS FIBERS	TYPE(S) OF ASBESTOS	ANALYTICAL SENSITIVITY (MFL)	CONFIDENCE LIMITS	CONCENTRATION OF ASBESTOS FIBERS (MFL)	COMMENTS
03073963-003A	0	0		0.18	0.00-0.68	<0.68	
60304682-0001							

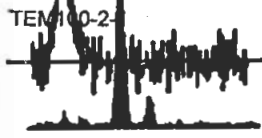
Analyst(s)

Fahrudin Laic (1)

*Michelle McGowan*

Michelle McGowan  
or other approved signatory

Sample collection and containers provided by the client, acceptable bottle blank level is defined as  $\leq 0.01 \text{MFL} > 10 \mu\text{m}$ . ND=None Detected. Fiber counting data will be reported as follows: No Fibers detected: The value will be reported as less than 389% of the concentration equivalent to one fiber. 1 to 4 fibers: The result will be reported as less than the corresponding upper 95% confidence limit (Poisson), 5 to 30 fibers: Mean and 95% confidence intervals will be reported on the basis of the Poisson assumption. When more than 30 fibers are counted, both the Gaussian 95% confidence interval and the Poisson 95% confidence interval will be calculated. The larger of these two intervals will be selected for data reporting. When the Gaussian 95% confidence interval is selected for data reporting, the Poisson will also be noted. This report may not be reproduced, except in full, without written permission by EMSL Analytical, Inc.



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**ATTACHMENT III**

**Brookhaven National Laboratory  
Potable Water Supply**

**Summary of 2003 Annual First Draw Lead and Copper Analyses  
and Supporting Documentation**

**SUMMARY OF 2003 ANNUAL LEAD AND COPPER SAMPLING  
FOR THE BROOKHAVEN NATIONAL LABORATORY  
POTABLE WATER SYSTEM**

**ANALYTICAL DATA FOR COPPER**

<b>SAMPLE NUMBER</b>	<b>SAMPLE DATE</b>	<b>LOCATION DESCRIPTION</b>	<b>ANALYTICAL RESULT (mg/L)</b>	<b>SERVICE LINE MATERIAL</b>	<b>TIER #</b>
1	7/10/03	Building 170 - Bathroom	< 0.02	Copper	3
2	7/10/03	Apartment 26A - Kitchen	< 0.02	Galvanized Steel	3
3	7/10/03	Apartment 24D - Kitchen	< 0.02	Galvanized Steel	3
4	7/10/03	Apartment 28B - Kitchen	< 0.02	Galvanized Steel	3
5	7/10/03	Apartment 6A - Kitchen	< 0.02	Galvanized Steel	3
6	7/10/03	Apartment 5B - Kitchen	< 0.02	Galvanized Steel	3
7	7/10/03	Building 51 - Bathroom	< 0.02	Copper	3
8	7/10/03	Apartment 36A - Kitchen	0.03	Galvanized Steel	3
9	7/10/03	Apartment 4C - Kitchen	0.03	Galvanized Steel	3
10	7/10/03	Apartment 40G* - Kitchen	0.03	Galvanized Steel	3
11	7/10/03	Building 153 - Bathroom	0.04	Galvanized Steel	3
12	7/10/03	Apartment 13D - Kitchen	0.04	Galvanized Steel	3
13	7/10/03	Apartment 34E - Kitchen	0.05	Galvanized Steel	3
14	7/10/03	Apartment 1A - Kitchen	0.08	Galvanized Steel	3
15	7/10/03	Building 371 - Bathroom	0.11	Copper	1
16	7/10/03	Building 460 - Kitchen	0.12	Galvanized Steel	3
17	7/10/03	Building 535 - Bathroom	<b>0.19</b>	Galvanized Steel	3
<b>18</b>	7/10/03	<b>Building 911 - Bathroom</b>	<b>0.25</b>	Cast Iron	3
19	7/10/03	Apartment 42A - Kitchen	0.30	Galvanized Steel	3
20	7/10/03	Building 703 - Bathroom	0.35	Cast Iron	3

\* Apartment 40G replaces Apartment 9D in triennial sampling since the building was torn down.

-The ninetieth percentile sample has been highlighted for clarity. In accordance with the Federal Lead and Copper Rule, the concentration of copper within the ninetieth percentile sample must be less than 1.3 mg/L.

-Plant Engineering Division personnel collected all water samples.

**SUMMARY OF 2003 ANNUAL LEAD AND COPPER SAMPLING  
FOR THE BROOKHAVEN NATIONAL LABORATORY  
POTABLE WATER SYSTEM**

**ANALYTICAL DATA FOR LEAD**

<b>SAMPLE NUMBER</b>	<b>SAMPLE DATE</b>	<b>LOCATION DESCRIPTION</b>	<b>ANALYTICAL RESULT (mg/L)</b>	<b>SERVICE LINE MATERIAL</b>	<b>TIER #</b>
1	7/10/03	Building 51 - Bathroom	< 0.001	Copper	3
2	7/10/03	Apartment 26A - Kitchen	< 0.001	Galvanized Steel	3
3	7/10/03	Apartment 28B - Kitchen	< 0.001	Galvanized Steel	3
4	7/10/03	Building 535 - Bathroom	0.0010	Galvanized Steel	3
5	7/10/03	Building 703 - Bathroom	0.0010	Cast Iron	3
6	7/10/03	Apartment 24D - Kitchen	0.0012	Galvanized Steel	3
7	7/10/03	Building 153 - Bathroom	0.0012	Galvanized Steel	3
8	7/10/03	Apartment 5B - Kitchen	0.0014	Galvanized Steel	3
9	7/10/03	Apartment 13D - Kitchen	0.0019	Galvanized Steel	3
10	7/10/03	Apartment 36A - Kitchen	0.0020	Galvanized Steel	3
11	7/10/03	Building 170 - Bathroom	0.0021	Copper	3
12	7/10/03	Building 460 - Kitchen	0.0028	Galvanized Steel	3
13	7/10/03	Building 911 - Bathroom	0.0031	Cast Iron	3
14	7/10/03	Apartment 6A - Kitchen	0.0039	Galvanized Steel	3
15	7/10/03	Apartment 1A - Kitchen	0.0054	Galvanized Steel	3
16	7/10/03	Apartment 4C - Kitchen	0.0055	Galvanized Steel	3
17	7/10/03	Apartment 40G* - Kitchen	0.0060	Galvanized Steel	3
<b>18</b>	7/10/03	<b>Apartment 34E - Kitchen</b>	<b>0.0062</b>	Galvanized Steel	3
19	7/10/03	Building 371 - Bathroom	0.0063	Copper	1
20	7/10/03	Apartment 42A - Kitchen	0.0647	Galvanized Steel	3

\* Apartment 40G replaces Apartment 9D in triennial sampling since the building was torn down.

-The ninetieth percentile sample has been highlighted for clarity. In accordance with the Federal Lead and Copper Rule, the concentration of lead within the ninetieth percentile sample must be less than 0.015 mg/L.

-Plant Engineering Division personnel collected all water samples.



**SMALL COMMUNITY WATER SUPPLIES**  
**SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES**

**FORM 1**

PAGE 1 OF 2

**SAMPLE SITE IDENTIFICATION AND CERTIFICATION**

System's Name: <u>Brookhaven National Laboratory</u>	Population:	Required # of Samples:
Address: <u>Bldg. 452</u>	<input checked="" type="checkbox"/> 501 to 3,300	20
<u>P. O. Box 5000</u>	<input type="checkbox"/> 101 to 500	10
<u>Upton, NY 11973-5000</u>	<input type="checkbox"/> ≤ 100	5
Telephone number: <u>344-7136</u>		
System ID #: <u>5111891</u>		
Contact Person: <u>Mr. William Chaloupka</u>		

**CERTIFICATION OF SAMPLING SITES**

**LEAD SOLDER SITES**

# of single-family structures with copper pipes with lead solder installed after 1982 or lead pipes and/or lead service lines (Tier 1)	<u>1</u>
# of multi-family structures with copper pipes with lead solder installed after 1982 or lead pipes and/or lead service lines (Tier 1)	<u>          </u>
# of buildings containing copper pipes with lead solder installed after 1982 or lead pipes and/or lead service lines (Tier 2)	<u>          </u>
# of sites that contain copper pipes with lead solder installed before 1983 (to be used only if other conditions have been exhausted) (Tier 3)	<u>19</u>
<b>TOTAL</b>	<u>20</u>

The following sources have been explored to determine the number of structures which have interior lead pipe or copper pipe with lead solder.

- Plumbing and/or building codes
- Plumbing and/or building permits
- Contacts within the building department, municipal clerks office, or state regulatory agencies for historical documentation of the service area development
- Water Quality Data

**Other Resources Which PWS May Utilities**

- Interviews with building inspectors
- Survey of service area plumbers about when and where lead solder was used from 1982 to present
- Survey residents in sections of the service area where lead pipe and/or copper pipe with lead solder is suspected to exist
- Interviews with local contractors and developers

Explanation of Tier 2 and Tier 3 sites (attach additional pages if necessary):

Building 371 was built in 1984 - single family - Tier 1. All other sampling sites built before 1983 - Tier 3.

**BROOKHAVEN NATIONAL LABORATORY  
MONTHLY POTABLE WATER SAMPLE REQUEST**

Month: **July 2003**

ASBESTOS							Total Required:	1
	Location	Origin	Taken by					
032	B-363 Apartment Laundry	Distribution	J.K	8:35				
PRINCIPAL ORGANIC COMPOUNDS, VINYL CHLORIDE & MTBE (Method 502.2)							Total Required:	10
	Location	Origin	Taken by					
033	Building 624 - WTP	Treated	J.K	11:50				
034	Well - 4	Raw Water	↓	10:20				
035	Well - 6	Raw Water		8:55				
036	Well - 7	Raw Water		9:05				
037	Well -10	Raw Water		OOS	11:00 ON 7-11			
038	Well -10	Treated		OOS	11:15 ON 7-11			
039	Well -11	Raw Water		11:15				
040	Well -11	Treated		11:15				
041	Well -12	Raw Water		10:50				
042	Well -12	Treated		10:50				
LEAD and COPPER							Total Required:	20
	Location	Origin	Flushed Time	Flushed By:	Sample Time	Sampled By:		
043	Bldg - 51 West Bath Rm	Distribution	8:15	R.H.L	1415			
044	Bldg - 460 Kitchen Sink	Distribution	8:20	↓	1420			
045	Bldg - 535 Men's Room	Distribution	8:25		1425			
046	Bldg - 703 Men's Room	Distribution	8:30		1430			
047	Bldg - 911 Bath Room	Distribution	8:35		1440			
048	Bldg-361 Apt 1A Kitchen	Distribution	9:00		1530	J.K.		
049	Bldg-350 Apt 4C Kitchen	Distribution	9:05		1533			
050	Bldg-359 Apt 5B Kitchen	Distribution	9:10		1537			
051	Bldg-351 Apt 6A Kitchen	Distribution	9:45		1540			
052	Bldg-324 Apt 9D Bath Rm	Distribution	————		————			
053	Bldg-306 Apt 13D Kitchen	Distribution	10:05		1545			
054	Bldg-327 Apt 24D Kitchen	Distribution	10:10	1549				
055	Bldg-302 Apt 26A Kitchen	Distribution	10:15	1552				
056	Bldg-328 Apt 28B Kitchen	Distribution	10:25	1556				
057	Bldg-303 Apt 34E Kitchen	Distribution	10:30	1600				
058	Bldg-335 Apt 36A Kitchen	Distribution	10:35	1604				
059	Bldg-366 Apt 42A Kitchen	Distribution	10:40	1708				
060	Brookhaven House Bath	Distribution	10:45	1715				
061	Cavendish House S. Bath	Distribution	10:50	1720				
062	Compton Hse 1st Fl Bath	Distribution	10:55	1730				
062A	BLDG APT 40G	DIST.	8:15	J.K	1425	J.K.		

BNLMI 37 S32

The above samples were delivered to the contractor on 7-10-03 2003 by J.K.

# 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 : S. Scarpitta

Lab No. : 0307406-001A

Sample Information...

Type : Potable Water

Origin : Dist.

Routine

Federal ID 5111891

Client ID. : 16845-001

Collected : 7/10/03 2:15:00 PM

Point No : 073-21

Received : 7/11/03 5:30:00 PM

Location : 51 West Bathroom

Collected By : CLIENT

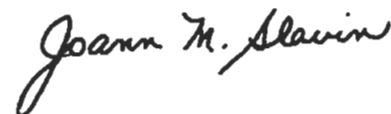
Copy : Original

CC : SCHD

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Copper	< 0.02	mg/l	1.3	E200.8	7/24/03 12:39:39 PM
Lead	< 1.00	ug/l	15	E200.8	7/24/03 12:39:39 PM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307406-002A

Sample Information...

Type : Potable Water

Origin : Dist.

Routine

Federal ID 5111891

Client ID. : 16845-002

Collected : 7/10/03

Point No : 084-71

Received : 7/11/03 5:30:00 PM

Location : 460 Kitchen Sink

Collected By : CLIENT

Copy : Original

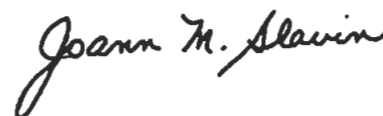
CC : SCHD

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Copper	0.12	mg/l	1.3	E200.8	7/24/03 1:07:50 PM
Lead	2.81	ug/l	15	E200.8	7/24/03 1:07:50 PM

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

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307406-003A

Sample Information...

Type : Potable Water

Origin : Dist.

Routine

Federal ID 5111891

Client ID. : 16845-003

Collected : 7/10/03

Point No : 075-603

Received : 7/11/03 5:30:00 PM

Location : 535 Mens Room

Collected By : CLIENT

Copy : Original

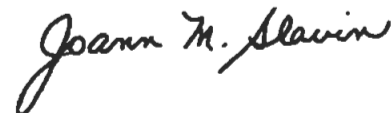
CC : SCHD

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Copper	0.19	mg/l	1.3	E200.8	7/24/03 1:14:50 PM
Lead	1.02	ug/l	15	E200.8	7/24/03 1:14:50 PM

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

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307406-004A

Sample Information...

Type : Potable Water

Origin : Dist.

Routine

Federal ID : 5111891

Client ID. : 16845-004

Collected : 7/10/03

Point No : 065-311

Received : 7/11/03 5:30:00 PM

Location : 703 Mens Room

Collected By : CLIENT

Copy : Original

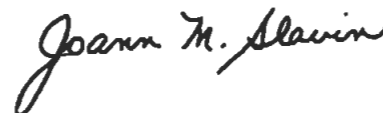
CC : SCHD

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Copper	0.35	mg/l	1.3	E200.8	7/24/03 1:21:51 PM
Lead	1.02	ug/l	15	E200.8	7/24/03 1:21:51 PM

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

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307406-005A

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

Federal ID : 5111891

Client ID. : 16845-005

Collected : 7/10/03

Point No : 064-93

Received : 7/11/03 5:30:00 PM

Location : 911 Bathroom

Collected By : CLIENT

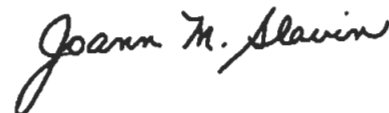
Copy : Original

CC : SCHD

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Copper	0.25	mg/l	1.3	E200.8	7/24/03 1:28:51 PM
Lead	3.10	ug/l	15	E200.8	7/24/03 1:28:51 PM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307406-006A

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

Federal ID 5111891

Client ID. : 16845-006

Collected : 7/10/03

Point No : 110-19

Received : 7/11/03 5:30:00 PM

Location : 361 APT 1A Kitchen

Collected By : CLIENT

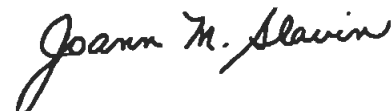
Copy : Original

CC : SCHD

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Copper	0.08	mg/l	1.3	E200.8	7/24/03 1:35:54 PM
Lead	5.37	ug/l	15	E200.8	7/24/03 1:35:54 PM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307406-007A

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

Federal ID 5111891

Client ID : 16845-007

Collected : 7/10/03

Point No : 110-23

Received : 7/11/03 5:30:00 PM

Location : 350 APT 4C Kitchen

Collected By : CLIENT

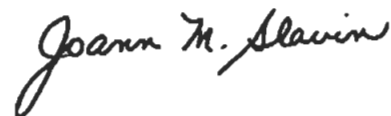
Copy : Original

CC : SCHED

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Copper	0.03	mg/l	1.3	E200.8	7/24/03 2:19:02 PM
Lead	5.50	ug/l	15	E200.8	7/24/03 2:19:02 PM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307406-008A

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

Federal ID 5111891

Client ID. : 16845-008

Collected : 7/10/03

Point No : 110-20

Received : 7/11/03 5:30:00 PM

Location : 359 APT 5B Kitchen

Collected By : CLIENT

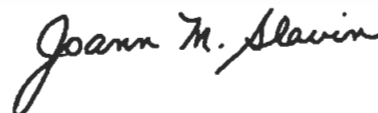
Copy : Original

CC : SCHD

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Copper	< 0.02	mg/l	1.3	E200.8	7/24/03 2:26:05 PM
Lead	1.44	ug/l	15	E200.8	7/24/03 2:26:05 PM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Federal ID 5111891

Collected : 7/10/03

Received : 7/11/03 5:30:00 PM

Collected By : CLIENT

Copy : Original

CC : SCHD

Lab No. : 0307406-009A

Client ID : 16845-009

Sample Information...

Type : Potable Water

Origin : Dist.

Routine

Point No : 110-22

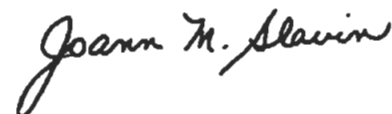
Location : 351 APT 6A Kitchen

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Copper	< 0.02	mg/l	1.3	E200.8	7/24/03 2:33:07 PM
Lead	3.90	ug/l	15	E200.8	7/24/03 2:33:07 PM

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

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307406-010A

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

Federal ID 5111891

Client ID : 16845-010

Collected : 7/10/03

Point No : 109-22

Received : 7/11/03 5:30:00 PM

Location : 306 APT 13D Kitchen

Collected By : CLIENT

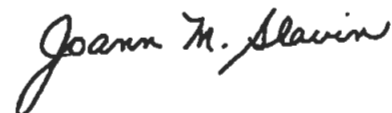
Copy : Original

CC : SCHD

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Copper	0.04	mg/l	1.3	E200.8	7/24/03 2:40:11 PM
Lead	1.93	ug/l	15	E200.8	7/24/03 2:40:11 PM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307406-011A

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

Federal ID 5111891

Client ID. : 16845-011

Collected : 7/10/03

Point No : 109-20

Received : 7/11/03 5:30:00 PM

Location : 327 APT 24D Kitchen

Collected By : CLIENT

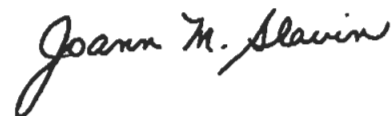
Copy : Original

CC : SCHD

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Copper	< 0.02	mg/l	1.3	E200.8	7/24/03 2:47:13 PM
Lead	1.16	ug/l	15	E200.8	7/24/03 2:47:13 PM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307406-012A

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

Federal ID 5111891

Client ID. : 16845-012

Collected : 7/10/03

Point No : 109-21

Received : 7/11/03 5:30:00 PM

Location : 302 APT 26A Kitchen

Collected By : CLIENT

Copy : Original

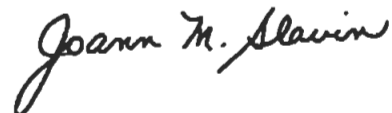
CC : SCHD

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Copper	< 0.02	mg/l	1.3	E200.8	7/24/03 2:54:16 PM
Lead	< 1.00	ug/l	15	E200.8	7/24/03 2:54:16 PM

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

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307406-013A

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

Federal ID : 5111891  
Collected : 7/10/03  
Received : 7/11/03 5:30:00 PM  
Collected By : CLIENT  
Copy : Original  
CC : SCHD

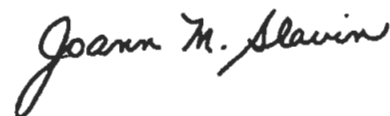
Client ID. : 16845-013

Point No : 109-25  
Location : 328 APT 28B Kitchen

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Copper	< 0.02	mg/l	1.3	E200.8	7/24/03 3:01:16 PM
Lead	< 1.00	ug/l	15	E200.8	7/24/03 3:01:16 PM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307406-014A

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

Federal ID 5111891

Client ID. : 16845-014

Collected : 7/10/03

Point No : 109-23

Received : 7/11/03 5:30:00 PM

Location : 303 APT 34E Kitchen

Collected By : CLIENT

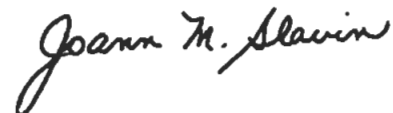
Copy : Original

CC : SCHD

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Copper	0.05	mg/l	1.3	E200.8	7/24/03 3:08:18 PM
Lead	6.19	ug/l	15	E200.8	7/24/03 3:08:18 PM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307406-015A

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

Federal ID 5111891

Client ID. : 16845-015

Collected : 7/10/03

Point No : 109-24

Received : 7/11/03 5:30:00 PM

Location : 335 APT 36A Kitchen

Collected By : CLIENT

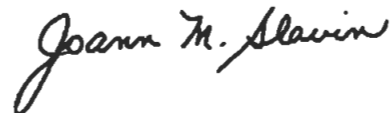
Copy : Original

CC : SCHD

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Copper	0.03	mg/l	1.3	E200.8	7/24/03 3:15:18 PM
Lead	1.96	ug/l	15	E200.8	7/24/03 3:15:18 PM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307406-016A

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

Federal ID 5111891

Client ID. : 16845-016

Collected : 7/10/03

Point No : 101-08

Received : 7/11/03 5:30:00 PM

Location : 366 APT 42A Kitchen

Collected By : CLIENT

Copy : Original

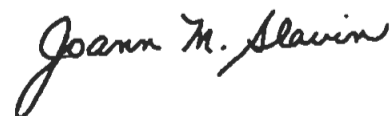
CC : SCHD

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Copper	0.30	mg/l	1.3	E200.8	7/24/03 3:22:19 PM
* Lead	* 64.7	ug/l	15	E200.8	7/24/03 3:22:19 PM

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

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

Date Reported : 8/28/03



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 : S. Scarpitta

Federal ID 5111891

Collected : 7/10/03

Received : 7/11/03 5:30:00 PM

Collected By : CLIENT

Copy : Original

CC ; SCHD

Lab No. : 0307406-017A

Client ID. : 16845-017

Point No : 083-25

Location : Brookhaven House 371

Sample Information...

Type : Potable Water

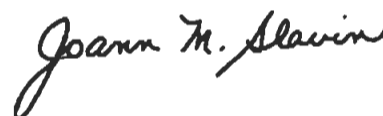
Origin : Dist.

Routine

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Copper	0.11	mg/l	1.3	E200.8	7/24/03 3:43:22 PM
Lead	6.30	ug/l	15	E200.8	7/24/03 3:43:22 PM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307406-018A

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

Federal ID 5111891

Client ID. : 16845-018

Collected : 7/10/03

Point No : 094-274

Received : 7/11/03 5:30:00 PM

Location : Cavendish House 153

Collected By : CLIENT

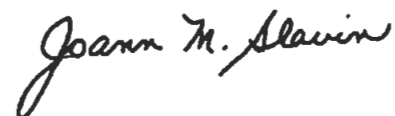
Copy : Original

CC : SCHD

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Copper	0.04	mg/l	1.3	E200.8	7/24/03 3:50:25 PM
Lead	1.21	ug/l	15	E200.8	7/24/03 3:50:25 PM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Federal ID 5111891

Collected : 7/10/03

Received : 7/11/03 5:30:00 PM

Collected By : CLIENT

Copy : Original

CC : SCHD

Lab No. : 0307406-019A

Client ID. : 16845-019

Sample Information...

Type : Potable Water

Origin : Dist.

Routine

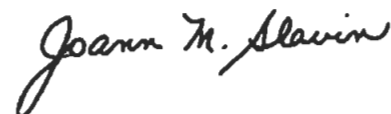
Point No : 093-86

Location : Compton House 170

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Copper	< 0.02	mg/l	1.3	E200.8	7/24/03 3:57:27 PM
Lead	2.05	ug/l	15	E200.8	7/24/03 3:57:27 PM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307406-020A

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

Federal ID : 5111891  
Collected : 7/11/03  
Received : 7/11/03 5:30:00 PM  
Collected By : CLIENT  
Copy : Original  
CC : SCHED

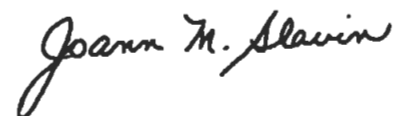
Client ID. : 16845-020

Point No : 40G  
Location : 40G - *Bldg. 36A- Apt. 40G*

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Copper	0.03	mg/l	1.3	E200.8	7/24/03 4:04:32 PM
Lead	5.95	ug/l	15	E200.8	7/24/03 4:04:32 PM

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

Date Reported : 8/28/03



Laboratory Manager

**ATTACHMENT IV**

**Brookhaven National Laboratory  
Potable Water Supply**

**2003 Semi-Annual Inorganic and Nitrate/Nitrite Analyses for  
the BNL Potable Water 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 : S. Scarpitta

Lab No. : 0307368-001A

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

Federal ID 5111891

Client ID. : 16841-017

Collected : 7/10/03 12:40:00 PM

Point No : 18

Received : 7/10/03 4:15:00 PM

Location : B-185 Men'S Room

Collected By : CLIENT

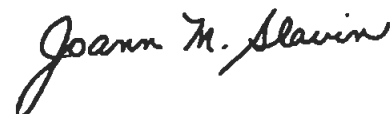
Copy : Original

CC : SCHD

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Barium	< 200	µg/L	2000	E200.7	7/14/03 2:17:00 PM
Beryllium	< 3.0	µg/L	4	E200.7	7/14/03 2:17:00 PM
Cadmium	< 5.0	µg/L	5	E200.7	7/14/03 2:17:00 PM
Chromium	< 10	µg/L	100	E200.7	7/14/03 2:17:00 PM
Iron	50.4	µg/L	300	E200.7	7/14/03 2:17:00 PM
Manganese	< 10	µg/L	300	E200.7	7/14/03 2:17:00 PM
Nickel	< 40.0	µg/L	100	E200.7	7/14/03 2:17:00 PM
Silver	< 10	µg/L	100	E200.7	7/14/03 2:17:00 PM
Sodium	16500	µg/L		E200.7	7/14/03 2:17:00 PM
Zinc	< 20.0	µg/L	5000	E200.7	7/14/03 2:17:00 PM
Arsenic	< 3.00	ug/l	50	E200.8	7/24/03 6:52:49 PM
Lead	< 1.00	ug/l	15	E200.8	7/24/03 6:52:49 PM
Selenium	< 5.00	ug/l	50	E200.8	7/24/03 6:52:49 PM
Antimony	< 5.90	ug/l	6	E200.8	7/24/03 6:52:49 PM
Thallium	< 1.90	ug/l	2	E200.8	7/24/03 6:52:49 PM
Mercury	< 0.20	ug/l	2	E200.8	7/24/03 6:52:49 PM
Chloride	28.7	mg/L		E325.2	8/2/03 1:58:52 PM
Cyanide	< 10	µg/L	200	M4500-CN CE	7/15/03 1:12:00 PM
Color	< 5	units	15	E110.2	7/11/03 7:52:00 AM
Specific Conductivity	144	µmhos/cm		M2510 B	7/11/03 8:16:00 AM
Fluoride	< 0.10	mg/L	2.2	M4500F C	7/11/03 8:00:00 AM
MBAS	< 0.08	mg/L		E425.1	7/11/03 8:37:00 AM
Nitrogen, Ammonia (As N)	< 0.10	mg/L		E350.1	8/4/03 3:17:55 PM
Nitrite as N	< 0.10	mg/L	1	E353.2	7/11/03 8:11:56 AM
Nitrate as N	0.26	mg/L	10	E353.2	8/2/03 3:39:29 PM
Odor	0	units	3	E140.1	7/11/03 7:51:00 AM
pH	7.0	pH Units		E150.1	7/10/03 5:26:00 PM
Sulfate	8.5	mg/L	250	E375.4	7/14/03 8:41:00 AM
Turbidity	< 1.0	NTU	5	E180.1	7/12/03 10:23:00 AM

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

Date Reported : 8/28/03



Laboratory Manager



**ATTACHMENT V**

**Brookhaven National Laboratory  
Potable Water Supply**

**2003 Semi-Annual Inorganic and Nitrate/Nitrite Analyses for the BNL Potable Wells,**

**Third Quarter Principal Organic Compound Analyses for the BNL Potable Water  
Distribution System and Potable Water Wells, and**

**Annual Synthetic Organic Chemical and Pesticides Analyses for the BNL 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 : S. Scarpitta

Lab No. : 0307359-001A

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

Federal ID 5111891

Client ID : 16841-008

Collected : 7/10/03 10:20:00 AM

Point No : 8

Received : 7/10/03 4:15:00 PM

Location : Well #4 Raw

Collected By : CLIENT

Copy : Original

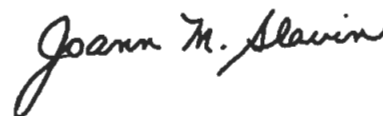
CC : SCHD

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Aldrin	< 0.025	µg/L	5	E505	7/17/03 2:50:00 AM
Lindane	< 0.025	µg/L	0.2	E505	7/17/03 2:50:00 AM
Heptachlor	< 0.025	µg/L	0.4	E505	7/17/03 2:50:00 AM
Heptachlor epoxide	< 0.025	µg/L	0.2	E505	7/17/03 2:50:00 AM
Dieldrin	< 0.050	µg/L	2	E505	7/17/03 2:50:00 AM
Endrin	< 0.050	µg/L	2	E505	7/17/03 2:50:00 AM
Methoxychlor	< 0.25	µg/L	40	E505	7/17/03 2:50:00 AM
Chlordane	< 0.50	µg/L	2	E505	7/17/03 2:50:00 AM
Total PCBs	< 0.50	µg/L	0.5	E505	7/17/03 2:50:00 AM
Toxaphene	< 2.5	µg/L	3	E505	7/17/03 2:50:00 AM
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
Chloromethane	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
Vinyl chloride	< 0.5	µg/L	2	E502.2	7/21/03 10:11:42 PM
Bromomethane	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
Chloroethane	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
Methylene chloride	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
Bromochloromethane	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
Chloroform	2.4	µg/L	50	E502.2	7/21/03 10:11:42 PM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
Trichloroethene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
Dibromomethane	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	7/21/03 10:11:42 PM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	7/21/03 10:11:42 PM

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

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307359-001A

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

Federal ID 5111891

Client ID. : 16841-008

Collected : 7/10/03 10:20:00 AM

Point No : 8

Received : 7/10/03 4:15:00 PM

Location : Well #4 Raw

Collected By : CLIENT

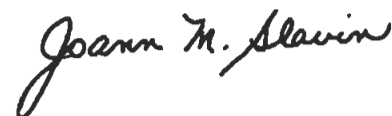
Copy : Original

CC : SCHD

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Chlorobenzene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
Bromoform	< 0.5	µg/L	50	E502.2	7/21/03 10:11:42 PM
Bromobenzene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
Benzene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
Toluene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
Ethylbenzene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
m,p-Xylene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
o-Xylene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
Styrene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	7/21/03 10:11:42 PM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	7/21/03 10:11:42 PM
Barium	< 200	µg/L	2000	E200.7	7/14/03 12:40:00 PM
Beryllium	< 3.0	µg/L	4	E200.7	7/14/03 12:40:00 PM
Cadmium	< 5.0	µg/L	5	E200.7	7/14/03 12:40:00 PM
Calcium	4650	µg/L		E200.7	7/14/03 12:40:00 PM
Chromium	< 10	µg/L	100	E200.7	7/14/03 12:40:00 PM
* Iron	* 1120	µg/L	300	E200.7	7/14/03 12:40:00 PM
Manganese	128	µg/L	300	E200.7	7/14/03 12:40:00 PM
Nickel	< 40.0	µg/L	100	E200.7	7/14/03 12:40:00 PM
Silver	< 10	µg/L	100	E200.7	7/14/03 12:40:00 PM
Sodium	15100	µg/L		E200.7	7/14/03 12:40:00 PM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307359-001A

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

Federal ID 5111891

Client ID. : 16841-008

Collected : 7/10/03 10:20:00 AM

Point No : 8

Received : 7/10/03 4:15:00 PM

Location : Well #4 Raw

Collected By : CLIENT

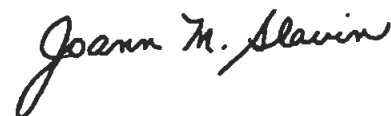
Copy : Original

CC : SCHED

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Zinc	< 20.0	µg/L	5000	E200.7	7/14/03 12:40:00 PM
Arsenic	< 3.00	ug/l	50	E200.8	7/24/03 5:00:49 PM
Lead	< 1.00	ug/l	15	E200.8	7/24/03 5:00:49 PM
Selenium	< 5.00	ug/l	50	E200.8	7/24/03 5:00:49 PM
Antimony	< 5.90	ug/l	6	E200.8	7/24/03 5:00:49 PM
Thallium	< 1.90	ug/l	2	E200.8	7/24/03 5:00:49 PM
Mercury	< 0.20	ug/l	2	E200.8	7/24/03 5:00:49 PM
Total Coliform	Negative		Negative	M9223	7/11/03 12:00:00 PM
E_Coliform	Absent		Absent	M9223	7/11/03 12:00:00 PM
Hexachlorocyclopentadiene	< 0.64	µg/L	50	E525.2	7/25/03 4:00:00 PM
Propachlor	< 1.0	µg/L	50	E525.2	7/25/03 4:00:00 PM
Hexachlorobenzene	< 0.25	µg/L	1	E525.2	7/25/03 4:00:00 PM
Simazine	< 0.50	µg/L	4	E525.2	7/25/03 4:00:00 PM
Atrazine	< 0.50	µg/L	3	E525.2	7/25/03 4:00:00 PM
Metribuzin	< 0.50	µg/L	50	E525.2	7/25/03 4:00:00 PM
Alachlor	< 1.0	µg/L	2	E525.2	7/25/03 4:00:00 PM
Metolachlor	< 1.0	µg/L	50	E525.2	7/25/03 4:00:00 PM
Butachlor	< 1.0	µg/L	50	E525.2	7/25/03 4:00:00 PM
bis(2-Ethylhexyl)adipate	< 1.0	µg/L	400	E525.2	7/25/03 4:00:00 PM
Bis(2-ethylhexyl)phthalate	< 3.0	µg/L	6	E525.2	7/25/03 4:00:00 PM
Benzo(a)pyrene	< 0.10	µg/L	0.2	E525.2	7/25/03 4:00:00 PM
Chloride	29.2	mg/L		E325.2	8/2/03 2:00:51 PM
Cyanide	< 10	µg/L	200	M4500-CN CE	7/14/03 1:12:00 PM
* Color	* 30	units	15	E110.2	7/11/03 7:47:00 AM
Specific Conductivity	142	µmhos/cm		M2510 B	7/11/03 8:11:00 AM
Fluoride	< 0.10	mg/L	2.2	M4500F C	7/11/03 7:53:00 AM
MBAS	< 0.08	mg/L		E425.1	7/11/03 8:32:00 AM
Nitrogen, Ammonia (As N)	< 0.10	mg/L		E350.1	8/4/03 11:11:11 AM
Nitrite as N	< 0.10	mg/L	1	E353.2	7/11/03 9:03:40 AM
Nitrate as N	0.23	mg/L	10	E353.2	8/2/03 3:41:30 PM
Odor	0	units	3	E140.1	7/11/03 7:46:00 AM
pH	7.1	pH Units		E150.1	7/10/03 5:17:00 PM
Sulfate	9.3	mg/L	250	E375.4	7/14/03 8:32:00 AM
Turbidity	2.5	NTU	5	E180.1	7/12/03 10:26:00 AM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307359-002A

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

Federal ID 5111891

Client ID. : 16841-009

Collected : 7/10/03 8:55:00 AM

Point No : 9

Received : 7/10/03 4:15:00 PM

Location : Well #6 Raw

Collected By : CLIENT

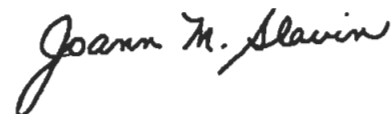
Copy : Original

CC : SCHD

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Aldrin	< 0.025	µg/L	5	E505	7/17/03 3:28:00 AM
Lindane	< 0.025	µg/L	0.2	E505	7/17/03 3:28:00 AM
Heptachlor	< 0.025	µg/L	0.4	E505	7/17/03 3:28:00 AM
Heptachlor epoxide	< 0.025	µg/L	0.2	E505	7/17/03 3:28:00 AM
Dieldrin	< 0.050	µg/L	2	E505	7/17/03 3:28:00 AM
Endrin	< 0.050	µg/L	2	E505	7/17/03 3:28:00 AM
Methoxychlor	< 0.25	µg/L	40	E505	7/17/03 3:28:00 AM
Chlordane	< 0.50	µg/L	2	E505	7/17/03 3:28:00 AM
Total PCBs	< 0.50	µg/L	0.5	E505	7/17/03 3:28:00 AM
Toxaphene	< 2.5	µg/L	3	E505	7/17/03 3:28:00 AM
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
Chloromethane	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
Vinyl chloride	< 0.5	µg/L	2	E502.2	7/21/03 11:11:00 PM
Bromomethane	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
Chloroethane	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
Methylene chloride	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
Bromochloromethane	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
Chloroform	0.6	µg/L	50	E502.2	7/21/03 11:11:00 PM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
Trichloroethene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
Dibromomethane	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	7/21/03 11:11:00 PM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	7/21/03 11:11:00 PM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307359-002A

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

Federal ID 5111891

Client ID. : 16841-009

Collected : 7/10/03 8:55:00 AM

Point No : 9

Received : 7/10/03 4:15:00 PM

Location : Well #6 Raw

Collected By : CLIENT

Copy : Original

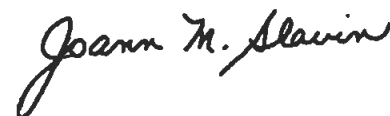
CC : SCHD

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Chlorobenzene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
Bromoform	< 0.5	µg/L	50	E502.2	7/21/03 11:11:00 PM
Bromobenzene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
Benzene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
Toluene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
Ethylbenzene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
m,p-Xylene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
o-Xylene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
Styrene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	7/21/03 11:11:00 PM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	7/21/03 11:11:00 PM
Barium	< 200	µg/L	2000	E200.7	7/14/03 1:10:00 PM
Beryllium	< 3.0	µg/L	4	E200.7	7/14/03 1:10:00 PM
Cadmium	< 5.0	µg/L	5	E200.7	7/14/03 1:10:00 PM
Chromium	< 10	µg/L	100	E200.7	7/14/03 1:10:00 PM
* Iron	* 3230	µg/L	300	E200.7	7/14/03 1:10:00 PM
Manganese	125	µg/L	300	E200.7	7/14/03 1:10:00 PM
Nickel	< 40.0	µg/L	100	E200.7	7/14/03 1:10:00 PM
Silver	< 10	µg/L	100	E200.7	7/14/03 1:10:00 PM
Sodium	12400	µg/L		E200.7	7/14/03 1:10:00 PM
Zinc	< 20.0	µg/L	5000	E200.7	7/14/03 1:10:00 PM

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

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307359-002A

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

Federal ID 5111891

Client ID. : 16841-009

Collected : 7/10/03 8:55:00 AM

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Location : Well #6 Raw

Collected By : CLIENT

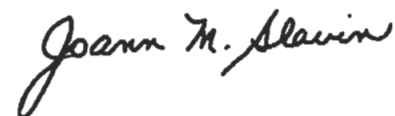
Copy : Original

CC : SCHD

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Arsenic	< 3.00	ug/l	50	E200.8	7/24/03 6:10:37 PM
Lead	< 1.00	ug/l	15	E200.8	7/24/03 6:10:37 PM
Selenium	< 5.00	ug/l	50	E200.8	7/24/03 6:10:37 PM
Antimony	< 5.90	ug/l	6	E200.8	7/24/03 6:10:37 PM
Thallium	< 1.90	ug/l	2	E200.8	7/24/03 6:10:37 PM
Mercury	< 0.20	ug/l	2	E200.8	7/24/03 6:10:37 PM
Total Coliform	Negative		Negative	M9223	7/11/03 12:00:00 PM
E_Coliform	Absent		Absent	M9223	7/11/03 12:00:00 PM
Hexachlorocyclopentadiene	< 0.64	µg/L	50	E525.2	7/25/03 4:34:00 PM
Propachlor	< 1.0	µg/L	50	E525.2	7/25/03 4:34:00 PM
Hexachlorobenzene	< 0.25	µg/L	1	E525.2	7/25/03 4:34:00 PM
Simazine	< 0.50	µg/L	4	E525.2	7/25/03 4:34:00 PM
Atrazine	< 0.50	µg/L	3	E525.2	7/25/03 4:34:00 PM
Metribuzin	< 0.50	µg/L	50	E525.2	7/25/03 4:34:00 PM
Alachlor	< 1.0	µg/L	2	E525.2	7/25/03 4:34:00 PM
Metolachlor	< 1.0	µg/L	50	E525.2	7/25/03 4:34:00 PM
Butachlor	< 1.0	µg/L	50	E525.2	7/25/03 4:34:00 PM
bis(2-Ethylhexyl)adipate	< 1.0	µg/L	400	E525.2	7/25/03 4:34:00 PM
Bis(2-ethylhexyl)phthalate	< 3.0	µg/L	6	E525.2	7/25/03 4:34:00 PM
Benzo(a)pyrene	< 0.10	µg/L	0.2	E525.2	7/25/03 4:34:00 PM
Chloride	21.9	mg/L		E325.2	8/2/03 2:01:30 PM
Cyanide	< 10	µg/L	200	M4500-CN CE	7/14/03 1:13:00 PM
* Color	* 30	units	15	E110.2	7/11/03 7:48:00 AM
Specific Conductivity	133	µmhos/cm		M2510 B	7/11/03 8:12:00 AM
Fluoride	< 0.10	mg/L	2.2	M4500F C	7/11/03 7:56:00 AM
MBAS	< 0.08	mg/L		E425.1	7/11/03 8:33:00 AM
Nitrogen, Ammonia (As N)	< 0.10	mg/L		E350.1	8/4/03 11:11:54 AM
Nitrite as N	< 0.10	mg/L	1	E353.2	7/11/03 8:08:32 AM
Nitrate as N	0.31	mg/L	10	E353.2	8/2/03 3:42:12 PM
Odor	0	units	3	E140.1	7/11/03 7:47:00 AM
pH	6.0	pH Units		E150.1	7/10/03 5:18:00 PM
Sulfate	10.5	mg/L	250	E375.4	7/14/03 8:35:00 AM
Turbidity	4.0	NTU	5	E180.1	7/12/03 10:28:00 AM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307359-003A

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

Federal ID 5111891

Client ID. : 16841-010

Collected : 7/10/03 9:05:00 AM

Point No : 10

Received : 7/10/03 4:15:00 PM

Location : Well #7 Raw

Collected By : CLIENT

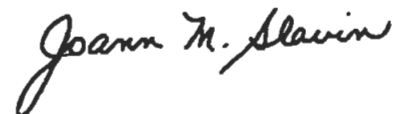
Copy : Original

CC : SCHD

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Aldrin	< 0.025	µg/L	5	E505	7/17/03 4:07:00 AM
Lindane	< 0.025	µg/L	0.2	E505	7/17/03 4:07:00 AM
Heptachlor	< 0.025	µg/L	0.4	E505	7/17/03 4:07:00 AM
Heptachlor epoxide	< 0.025	µg/L	0.2	E505	7/17/03 4:07:00 AM
Dieldrin	< 0.050	µg/L	2	E505	7/17/03 4:07:00 AM
Endrin	< 0.050	µg/L	2	E505	7/17/03 4:07:00 AM
Methoxychlor	< 0.25	µg/L	40	E505	7/17/03 4:07:00 AM
Chlordane	< 0.50	µg/L	2	E505	7/17/03 4:07:00 AM
Total PCBs	< 0.50	µg/L	0.5	E505	7/17/03 4:07:00 AM
Toxaphene	< 2.5	µg/L	3	E505	7/17/03 4:07:00 AM
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
Chloromethane	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	7/22/03 12:10:13 AM
Bromomethane	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
Chloroethane	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
Chloroform	< 0.5	µg/L	50	E502.2	7/22/03 12:10:13 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	7/22/03 12:10:13 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	7/22/03 12:10:13 AM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307359-003A

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

Federal ID 5111891

Client ID : 16841-010

Collected : 7/10/03 9:05:00 AM

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Received : 7/10/03 4:15:00 PM

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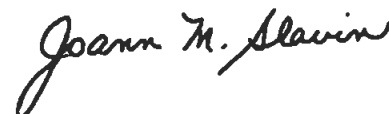
Copy : Original

CC : SCHD

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Chlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
Bromoform	< 0.5	µg/L	50	E502.2	7/22/03 12:10:13 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
Benzene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
Toluene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
o-Xylene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
Styrene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	7/22/03 12:10:13 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 12:10:13 AM
Barium	< 200	µg/L	2000	E200.7	7/14/03 1:17:00 PM
Beryllium	< 3.0	µg/L	4	E200.7	7/14/03 1:17:00 PM
Cadmium	< 5.0	µg/L	5	E200.7	7/14/03 1:17:00 PM
Chromium	< 10	µg/L	100	E200.7	7/14/03 1:17:00 PM
* Iron	* 1840	µg/L	300	E200.7	7/14/03 1:17:00 PM
Manganese	60.5	µg/L	300	E200.7	7/14/03 1:17:00 PM
Nickel	< 40.0	µg/L	100	E200.7	7/14/03 1:17:00 PM
Silver	< 10	µg/L	100	E200.7	7/14/03 1:17:00 PM
Sodium	12700	µg/L		E200.7	7/14/03 1:17:00 PM
Zinc	< 20.0	µg/L	5000	E200.7	7/14/03 1:17:00 PM

Result(s) reported meet(s) Regulatory Limit(s).  
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Date Reported : 8/28/03



Laboratory Manager

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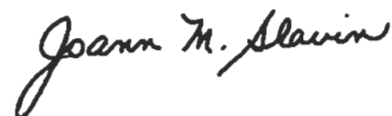
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Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Arsenic	< 3.00	ug/l	50	E200.8	7/24/03 6:17:42 PM
Lead	< 1.00	ug/l	15	E200.8	7/24/03 6:17:42 PM
Selenium	< 5.00	ug/l	50	E200.8	7/24/03 6:17:42 PM
Antimony	< 5.90	ug/l	6	E200.8	7/24/03 6:17:42 PM
Thallium	< 1.90	ug/l	2	E200.8	7/24/03 6:17:42 PM
Mercury	< 0.20	ug/l	2	E200.8	7/24/03 6:17:42 PM
Total Coliform	Negative		Negative	M9223	7/11/03 12:00:00 PM
E_Coliform	Absent		Absent	M9223	7/11/03 12:00:00 PM
Hexachlorocyclopentadiene	< 0.64	µg/L	50	E525.2	7/25/03 5:07:00 PM
Propachlor	< 1.0	µg/L	50	E525.2	7/25/03 5:07:00 PM
Hexachlorobenzene	< 0.25	µg/L	1	E525.2	7/25/03 5:07:00 PM
Simazine	< 0.50	µg/L	4	E525.2	7/25/03 5:07:00 PM
Atrazine	< 0.50	µg/L	3	E525.2	7/25/03 5:07:00 PM
Metribuzin	< 0.50	µg/L	50	E525.2	7/25/03 5:07:00 PM
Alachlor	< 1.0	µg/L	2	E525.2	7/25/03 5:07:00 PM
Metolachlor	< 1.0	µg/L	50	E525.2	7/25/03 5:07:00 PM
Butachlor	< 1.0	µg/L	50	E525.2	7/25/03 5:07:00 PM
bis(2-Ethylhexyl)adipate	< 1.0	µg/L	400	E525.2	7/25/03 5:07:00 PM
Bis(2-ethylhexyl)phthalate	< 3.0	µg/L	6	E525.2	7/25/03 5:07:00 PM
Benzo(a)pyrene	< 0.10	µg/L	0.2	E525.2	7/25/03 5:07:00 PM
Chloride	21.9	mg/L		E325.2	8/2/03 2:02:12 PM
Cyanide	< 10	µg/L	200	M4500-CN CE	7/14/03 1:14:00 PM
Color	5	units	15	E110.2	7/11/03 7:49:00 AM
Specific Conductivity	130	µmhos/cm		M2510 B	7/11/03 8:13:00 AM
Fluoride	< 0.10	mg/L	2.2	M4500F C	7/11/03 7:57:00 AM
MBAS	< 0.08	mg/L		E425.1	7/11/03 8:34:00 AM
Nitrogen, Ammonia (As N)	< 0.10	mg/L		E350.1	8/4/03 11:12:39 AM
Nitrite as N	< 0.10	mg/L	1	E353.2	7/11/03 8:09:23 AM
Nitrate as N	0.21	mg/L	10	E353.2	8/2/03 3:42:50 PM
Odor	0	units	3	E140.1	7/11/03 7:48:00 AM
pH	5.9	pH Units		E150.1	7/10/03 5:19:00 PM
Sulfate	9.2	mg/L	250	E375.4	7/14/03 8:36:00 AM
Turbidity	2.0	NTU	5	E180.1	7/12/03 10:29:00 AM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307406-021A

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

Federal ID 5111891

Client ID. : 16845-021

Collected : 7/11/03 11:00:00 AM

Point No : 11

Received : 7/11/03 5:30:00 PM

Location : Well #10 Raw

Collected By : CLIENT

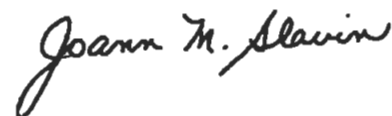
Copy : Original

CC : SCHD

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2-Dibromoethane	< 0.02	µg/L	0.05	E504.1	7/22/03 6:29:00 PM
1,2-Dibromo-3-chloropropane	< 0.02	µg/L	0.2	E504.1	7/22/03 6:29:00 PM
Aldrin	< 0.025	µg/L	5	E505	7/17/03 7:19:00 AM
Lindane	< 0.025	µg/L	0.2	E505	7/17/03 7:19:00 AM
Heptachlor	< 0.025	µg/L	0.4	E505	7/17/03 7:19:00 AM
Heptachlor epoxide	< 0.025	µg/L	0.2	E505	7/17/03 7:19:00 AM
Dieldrin	< 0.050	µg/L	2	E505	7/17/03 7:19:00 AM
Endrin	< 0.050	µg/L	2	E505	7/17/03 7:19:00 AM
Methoxychlor	< 0.25	µg/L	40	E505	7/17/03 7:19:00 AM
Chlordane	< 0.50	µg/L	2	E505	7/17/03 7:19:00 AM
Total PCBs	< 0.50	µg/L	0.5	E505	7/17/03 7:19:00 AM
Toxaphene	< 2.5	µg/L	3	E505	7/17/03 7:19:00 AM
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
Chloromethane	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	7/22/03 6:04:56 AM
Bromomethane	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
Chloroethane	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
Chloroform	< 0.5	µg/L	50	E502.2	7/22/03 6:04:56 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	7/22/03 6:04:56 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Federal ID 5111891

Collected : 7/11/03 11:00:00 AM

Received : 7/11/03 5:30:00 PM

Collected By : CLIENT

Copy : Original

CC ; SCHD

Lab No. : 0307406-021A

Client ID. : 16845-021

Sample Information...

Type : Potable Water

Origin : Raw Well

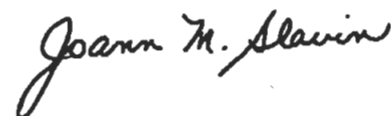
Routine

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Glyphosate	< 10	µg/L	700	E547	7/16/03 2:53:00 PM
Diquat	< 1.0	µg/L	20	E549.1	7/18/03 2:15:00 PM
Barium	< 200	µg/L	2000	E200.7	7/24/03 10:48:00 AM
Beryllium	< 3.0	µg/L	4	E200.7	7/24/03 10:48:00 AM
Cadmium	< 5.0	µg/L	5	E200.7	7/24/03 10:48:00 AM
Chromium	< 10	µg/L	100	E200.7	7/24/03 10:48:00 AM
Iron	< 20.0	µg/L	300	E200.7	7/24/03 10:48:00 AM
Manganese	< 10	µg/L	300	E200.7	7/24/03 10:48:00 AM
Nickel	< 40.0	µg/L	100	E200.7	7/24/03 10:48:00 AM
Silver	< 10	µg/L	100	E200.7	7/24/03 10:48:00 AM
Sodium	6180	µg/L		E200.7	7/24/03 10:48:00 AM
Zinc	24.4	µg/L	5000	E200.7	7/24/03 10:48:00 AM
Arsenic	< 3.00	ug/l	50	E200.8	7/24/03 6:59:50 PM
Lead	< 1.00	ug/l	15	E200.8	7/24/03 6:59:50 PM
Selenium	< 5.00	ug/l	50	E200.8	7/24/03 6:59:50 PM
Antimony	< 5.90	ug/l	6	E200.8	7/24/03 6:59:50 PM
Thallium	< 1.90	ug/l	2	E200.8	7/24/03 6:59:50 PM
Mercury	< 0.20	ug/l	2	E200.8	7/24/03 6:59:50 PM
Total Coliform	Negative		Negative	M9223	7/12/03 12:15:00 PM
E_Coliform	Absent		Absent	M9223	7/12/03 12:15:00 PM
Hexachlorocyclopentadiene	< 0.64	µg/L	50	E525.2	7/25/03 6:48:00 PM
Propachlor	< 1.0	µg/L	50	E525.2	7/25/03 6:48:00 PM
Hexachlorobenzene	< 0.25	µg/L	1	E525.2	7/25/03 6:48:00 PM
Simazine	< 0.50	µg/L	4	E525.2	7/25/03 6:48:00 PM
Atrazine	< 0.50	µg/L	3	E525.2	7/25/03 6:48:00 PM
Metribuzin	< 0.50	µg/L	50	E525.2	7/25/03 6:48:00 PM
Alachlor	< 1.0	µg/L	2	E525.2	7/25/03 6:48:00 PM
Metolachlor	< 1.0	µg/L	50	E525.2	7/25/03 6:48:00 PM
Butachlor	< 1.0	µg/L	50	E525.2	7/25/03 6:48:00 PM
bis(2-Ethylhexyl)adipate	< 1.0	µg/L	400	E525.2	7/25/03 6:48:00 PM
Bis(2-ethylhexyl)phthalate	< 3.0	µg/L	6	E525.2	7/25/03 6:48:00 PM
Benzo(a)pyrene	< 0.10	µg/L	0.2	E525.2	7/25/03 6:48:00 PM
Chloride	4.4	mg/L		E325.2	8/2/03 2:04:09 PM
Cyanide	< 10	µg/L	200	M4500-CN CE	7/15/03 1:15:00 PM
Color	< 5	units	15	E110.2	7/12/03 11:26:00 AM
Specific Conductivity	71	µmhos/cm		M2510 B	7/16/03 11:19:00 AM
Fluoride	< 0.10	mg/L	2.2	M4500F C	7/23/03 11:09:00 AM
MBAS	< 0.08	mg/L		E425.1	7/12/03 10:38:00 AM

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

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307557-001A

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

Federal ID : 5111891  
Collected : 7/16/03 1:39:00 PM  
Received : 7/16/03 3:45:00 PM  
Collected By : CLIENT  
Copy : Original  
CC : SCHD

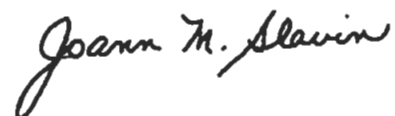
Client ID. : 16842-001

Point No : 11  
Location : Well #10 Raw

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Dalapon	< 0.70	µg/L	200	E515.1	7/22/03 1:26:00 AM
Dicamba	< 0.08	µg/L	50	E515.1	7/22/03 1:26:00 AM
2,4-D	< 0.25	µg/L	50	E515.1	7/22/03 1:26:00 AM
Pentachlorophenol	< 0.20	µg/L	1	E515.1	7/22/03 1:26:00 AM
2,4,5-TP (Silvex)	< 0.13	µg/L	10	E515.1	7/22/03 1:26:00 AM
Dinoseb	< 0.20	µg/L	7	E515.1	7/22/03 1:26:00 AM
Picloram	< 0.60	µg/L	500	E515.1	7/22/03 1:26:00 AM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307557-001B

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

Federal ID : 5111891  
Collected : 7/16/03 1:39:00 PM  
Received : 7/16/03 3:45:00 PM  
Collected By : CLIENT  
Copy : Original  
CC : SCHD

Client ID. : 16842-001

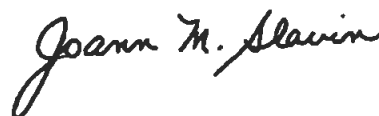
Point No : 11  
Location : Well #10 Raw

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<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Endothall (See Attached)	< 50	ug/L	100	E548.1	8/4/03 2:56:00 PM

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

Date Reported : 8/28/03



Laboratory Manager



quality ■ accuracy ■ reliability

ENVIRONMENTAL  
LABORATORIES

241 Front St.  
Vestal, NY 13850  
Phone (607) 785-1526  
FAX (607) 785-1529

390 N. Pennsylvania Ave.  
South Waverly, PA 18840-2826  
Phone (570) 888-0169  
FAX (570) 888-0717

Certificate of Analysis

H2M Labs Inc.  
575 Broad Hollow Road  
Melville NY, 117475(76

Project: Endothall  
Project No: 0307557-001B  
Project Manager: Stu Murrell

Reported:  
08/14/03 10:44

0307557-001B  
3G18051-01 (Drinking Water)

Date Sampled: 07/16/03 13:39  
Date Received: 07/18/03 14:12

Analyte	Result	MCL	Units	Prepared	Analyzed	Method	Analyst	Notes
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**EPA 548.1 Endothall**

Endothall	<0.05	0.1	mg/l	07/22/03 12:30	08/04/03 14:56	EPA 548.1		FCOL*
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FCOL\* = Analysis performed by NYS DOH#10552, PA DEP#20-073

Eastern Laboratory Services, Ltd.

*Barbara Hohman*

Reviewed by Barbara Hohman, QA Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

PA 08380

NY 11216

Page 1 of 1



# 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 : S. Scarpitta

Federal ID 5111891

Collected : 7/11/03 11:00:00 AM

Received : 7/11/03 5:30:00 PM

Collected By : CLIENT

Copy : Original

CC : SCHD

Lab No. : 0307406-021A

Client ID. : 16845-021

Sample Information...

Type : Potable Water

Origin : Raw Well

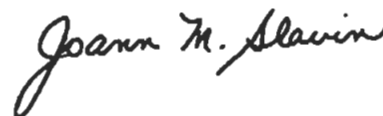
Routine

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	7/22/03 6:04:56 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
Bromoform	< 0.5	µg/L	50	E502.2	7/22/03 6:04:56 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
Benzene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
Toluene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
o-Xylene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
Styrene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	7/22/03 6:04:56 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 6:04:56 AM
Aldicarb sulfoxide	< 1.0	µg/L	4	E531.1	7/16/03 2:06:00 AM
Aldicarb sulfone	< 1.0	µg/L	2	E531.1	7/16/03 2:06:00 AM
Oxamyl	< 1.0	µg/L	200	E531.1	7/16/03 2:06:00 AM
Methomyl	< 1.0	µg/L	50	E531.1	7/16/03 2:06:00 AM
3-Hydroxycarbofuran	< 1.0	µg/L	50	E531.1	7/16/03 2:06:00 AM
Aldicarb	< 1.0	µg/L	3	E531.1	7/16/03 2:06:00 AM
Carbofuran	< 1.0	µg/L	40	E531.1	7/16/03 2:06:00 AM
Carbaryl	< 1.0	µg/L	50	E531.1	7/16/03 2:06:00 AM

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

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307406-021A

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

Federal ID 5111891

Client ID. : 16845-021

Collected : 7/11/03 11:00:00 AM

Point No : 11

Received : 7/11/03 5:30:00 PM

Location : Well #10 Raw

Collected By : CLIENT

Copy : Original

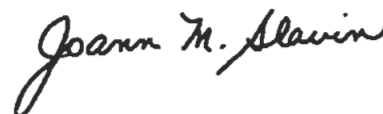
CC : SCHD

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Nitrogen, Ammonia (As N)	< 0.10	mg/L		E350.1	8/4/03 11:14:56 AM
Nitrite as N	< 0.10	mg/L	1	E353.2	7/12/03 12:01:32 PM
Nitrate as N	0.11	mg/L	10	E353.2	8/2/03 3:44:48 PM
Odor	0	units	3	E140.1	7/12/03 11:21:00 AM
pH	6.5	pH Units		E150.1	7/11/03 5:19:00 PM
Sulfate	5.9	mg/L	250	E375.4	7/14/03 8:42:00 AM

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

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307359-004A

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

Federal ID 5111891

Client ID. : 16841-011

Collected : 7/10/03 11:15:00 AM

Point No : 12

Received : 7/10/03 4:15:00 PM

Location : Well #11 Raw

Collected By : CLIENT

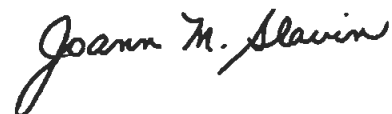
Copy : Original

CC : SCHD

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Aldrin	< 0.025	µg/L	5	E505	7/17/03 4:45:00 AM
Lindane	< 0.025	µg/L	0.2	E505	7/17/03 4:45:00 AM
Heptachlor	< 0.025	µg/L	0.4	E505	7/17/03 4:45:00 AM
Heptachlor epoxide	< 0.025	µg/L	0.2	E505	7/17/03 4:45:00 AM
Dieldrin	< 0.050	µg/L	2	E505	7/17/03 4:45:00 AM
Endrin	< 0.050	µg/L	2	E505	7/17/03 4:45:00 AM
Methoxychlor	< 0.25	µg/L	40	E505	7/17/03 4:45:00 AM
Chlordane	< 0.50	µg/L	2	E505	7/17/03 4:45:00 AM
Total PCBs	< 0.50	µg/L	0.5	E505	7/17/03 4:45:00 AM
Toxaphene	< 2.5	µg/L	3	E505	7/17/03 4:45:00 AM
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
Chloromethane	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	7/22/03 1:09:04 AM
Bromomethane	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
Chloroethane	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
Chloroform	< 0.5	µg/L	50	E502.2	7/22/03 1:09:04 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	7/22/03 1:09:04 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	7/22/03 1:09:04 AM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307359-004A

Sample Information...

Type : Potable Water

Origin : Raw Well

Routine

Federal ID 5111891

Client ID. : 16841-011

Collected : 7/10/03 11:15:00 AM

Point No : 12

Received : 7/10/03 4:15:00 PM

Location : Well #11 Raw

Collected By : CLIENT

Copy : Original

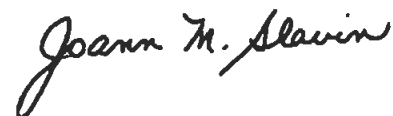
CC : SCHD

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Chlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
Bromoform	< 0.5	µg/L	50	E502.2	7/22/03 1:09:04 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
Benzene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
Toluene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
o-Xylene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
Styrene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	7/22/03 1:09:04 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 1:09:04 AM
Barium	< 200	µg/L	2000	E200.7	7/14/03 1:25:00 PM
Beryllium	< 3.0	µg/L	4	E200.7	7/14/03 1:25:00 PM
Cadmium	< 5.0	µg/L	5	E200.7	7/14/03 1:25:00 PM
Chromium	< 10	µg/L	100	E200.7	7/14/03 1:25:00 PM
Iron	30.2	µg/L	300	E200.7	7/14/03 1:25:00 PM
Manganese	< 10	µg/L	300	E200.7	7/14/03 1:25:00 PM
Nickel	< 40.0	µg/L	100	E200.7	7/14/03 1:25:00 PM
Silver	< 10	µg/L	100	E200.7	7/14/03 1:25:00 PM
Sodium	12300	µg/L		E200.7	7/14/03 1:25:00 PM
Zinc	< 20.0	µg/L	5000	E200.7	7/14/03 1:25:00 PM

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

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307359-004A

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

Federal ID 5111891

Client ID. : 16841-011

Collected : 7/10/03 11:15:00 AM

Point No : 12

Received : 7/10/03 4:15:00 PM

Location : Well #11 Raw

Collected By : CLIENT

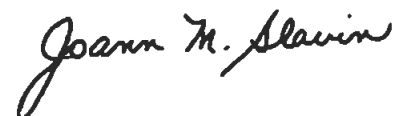
Copy : Original

CC : SCHD

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Arsenic	< 3.00	ug/l	50	E200.8	7/24/03 6:24:44 PM
Lead	< 1.00	ug/l	15	E200.8	7/24/03 6:24:44 PM
Selenium	< 5.00	ug/l	50	E200.8	7/24/03 6:24:44 PM
Antimony	< 5.90	ug/l	6	E200.8	7/24/03 6:24:44 PM
Thallium	< 1.90	ug/l	2	E200.8	7/24/03 6:24:44 PM
Mercury	< 0.20	ug/l	2	E200.8	7/24/03 6:24:44 PM
Total Coliform	Negative		Negative	M9223	7/11/03 12:00:00 PM
E_Coliform	Absent		Absent	M9223	7/11/03 12:00:00 PM
Hexachlorocyclopentadiene	< 0.64	µg/L	50	E525.2	7/25/03 5:41:00 PM
Propachlor	< 1.0	µg/L	50	E525.2	7/25/03 5:41:00 PM
Hexachlorobenzene	< 0.25	µg/L	1	E525.2	7/25/03 5:41:00 PM
Simazine	< 0.50	µg/L	4	E525.2	7/25/03 5:41:00 PM
Atrazine	< 0.50	µg/L	3	E525.2	7/25/03 5:41:00 PM
Metribuzin	< 0.50	µg/L	50	E525.2	7/25/03 5:41:00 PM
Alachlor	< 1.0	µg/L	2	E525.2	7/25/03 5:41:00 PM
Metolachlor	< 1.0	µg/L	50	E525.2	7/25/03 5:41:00 PM
Butachlor	< 1.0	µg/L	50	E525.2	7/25/03 5:41:00 PM
bis(2-Ethylhexyl)adipate	< 1.0	µg/L	400	E525.2	7/25/03 5:41:00 PM
Bis(2-ethylhexyl)phthalate	< 3.0	µg/L	6	E525.2	7/25/03 5:41:00 PM
Benzo(a)pyrene	< 0.10	µg/L	0.2	E525.2	7/25/03 5:41:00 PM
Chloride	17.1	mg/L		E325.2	8/2/03 2:02:50 PM
Cyanide	< 10	µg/L	200	M4500-CN CE	7/14/03 1:17:00 PM
Color	< 5	units	15	E110.2	7/11/03 7:50:00 AM
Specific Conductivity	135	µmhos/cm		M2510 B	7/11/03 8:14:00 AM
Fluoride	< 0.10	mg/L	2.2	M4500F C	7/11/03 7:58:00 AM
MBAS	< 0.08	mg/L		E425.1	7/11/03 8:35:00 AM
Nitrogen, Ammonia (As N)	< 0.10	mg/L		E350.1	8/4/03 11:13:24 AM
Nitrite as N	< 0.10	mg/L	1	E353.2	7/11/03 8:10:13 AM
Nitrate as N	0.56	mg/L	10	E353.2	8/2/03 3:43:31 PM
Odor	0	units	3	E140.1	7/11/03 7:49:00 AM
pH	5.9	pH Units		E150.1	7/10/03 5:20:00 PM
Sulfate	9.3	mg/L	250	E375.4	7/14/03 8:39:00 AM
Turbidity	< 1.0	NTU	5	E180.1	7/12/03 10:30:00 AM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307359-005A

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

Federal ID 5111891

Client ID. : 16841-012

Collected : 7/10/03 10:50:00 AM

Point No : 13

Received : 7/10/03 4:15:00 PM

Location : Well #12 Raw

Collected By : CLIENT

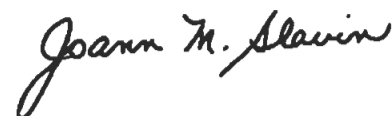
Copy : Original

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Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Aldrin	< 0.025	µg/L	5	E505	7/17/03 5:23:00 AM
Lindane	< 0.025	µg/L	0.2	E505	7/17/03 5:23:00 AM
Heptachlor	< 0.025	µg/L	0.4	E505	7/17/03 5:23:00 AM
Heptachlor epoxide	< 0.025	µg/L	0.2	E505	7/17/03 5:23:00 AM
Dieldrin	< 0.050	µg/L	2	E505	7/17/03 5:23:00 AM
Endrin	< 0.050	µg/L	2	E505	7/17/03 5:23:00 AM
Methoxychlor	< 0.25	µg/L	40	E505	7/17/03 5:23:00 AM
Chlordane	< 0.50	µg/L	2	E505	7/17/03 5:23:00 AM
Total PCBs	< 0.50	µg/L	0.5	E505	7/17/03 5:23:00 AM
Toxaphene	< 2.5	µg/L	3	E505	7/17/03 5:23:00 AM
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
Chloromethane	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	7/22/03 2:08:26 AM
Bromomethane	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
Chloroethane	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
Chloroform	< 0.5	µg/L	50	E502.2	7/22/03 2:08:26 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	7/22/03 2:08:26 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	7/22/03 2:08:26 AM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307359-005A

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

Federal ID 5111891

Client ID. : 16841-012

Collected : 7/10/03 10:50:00 AM

Point No : 13

Received : 7/10/03 4:15:00 PM

Location : Well #12 Raw

Collected By : CLIENT

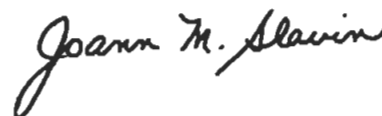
Copy : Original

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Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Chlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
Bromoform	< 0.5	µg/L	50	E502.2	7/22/03 2:08:26 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
Benzene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
Toluene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
o-Xylene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
Styrene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	7/22/03 2:08:26 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 2:08:26 AM
Barium	< 200	µg/L	2000	E200.7	7/14/03 1:32:00 PM
Beryllium	< 3.0	µg/L	4	E200.7	7/14/03 1:32:00 PM
Cadmium	< 5.0	µg/L	5	E200.7	7/14/03 1:32:00 PM
Chromium	< 10	µg/L	100	E200.7	7/14/03 1:32:00 PM
Iron	< 20.0	µg/L	300	E200.7	7/14/03 1:32:00 PM
Manganese	< 10	µg/L	300	E200.7	7/14/03 1:32:00 PM
Nickel	< 40.0	µg/L	100	E200.7	7/14/03 1:32:00 PM
Silver	< 10	µg/L	100	E200.7	7/14/03 1:32:00 PM
Sodium	10900	µg/L		E200.7	7/14/03 1:32:00 PM
Zinc	< 20.0	µg/L	5000	E200.7	7/14/03 1:32:00 PM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307359-005A

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

Federal ID 5111891

Client ID. : 16841-012

Collected : 7/10/03 10:50:00 AM

Point No : 13

Received : 7/10/03 4:15:00 PM

Location : Well #12 Raw

Collected By : CLIENT

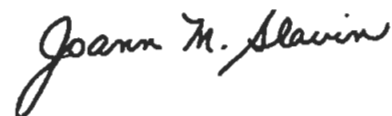
Copy : Original

CC : SCHD

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Arsenic	< 3.00	ug/l	50	E200.8	7/24/03 6:31:44 PM
Lead	< 1.00	ug/l	15	E200.8	7/24/03 6:31:44 PM
Selenium	< 5.00	ug/l	50	E200.8	7/24/03 6:31:44 PM
Antimony	< 5.90	ug/l	6	E200.8	7/24/03 6:31:44 PM
Thallium	< 1.90	ug/l	2	E200.8	7/24/03 6:31:44 PM
Mercury	< 0.20	ug/l	2	E200.8	7/24/03 6:31:44 PM
Total Coliform	Negative		Negative	M9223	7/11/03 12:00:00 PM
E_Coliform	Absent		Absent	M9223	7/11/03 12:00:00 PM
Hexachlorocyclopentadiene	< 0.64	µg/L	50	E525.2	7/25/03 6:15:00 PM
Propachlor	< 1.0	µg/L	50	E525.2	7/25/03 6:15:00 PM
Hexachlorobenzene	< 0.25	µg/L	1	E525.2	7/25/03 6:15:00 PM
Simazine	< 0.50	µg/L	4	E525.2	7/25/03 6:15:00 PM
Atrazine	< 0.50	µg/L	3	E525.2	7/25/03 6:15:00 PM
Metribuzin	< 0.50	µg/L	50	E525.2	7/25/03 6:15:00 PM
Alachlor	< 1.0	µg/L	2	E525.2	7/25/03 6:15:00 PM
Metolachlor	< 1.0	µg/L	50	E525.2	7/25/03 6:15:00 PM
Butachlor	< 1.0	µg/L	50	E525.2	7/25/03 6:15:00 PM
bis(2-Ethylhexyl)adipate	< 1.0	µg/L	400	E525.2	7/25/03 6:15:00 PM
Bis(2-ethylhexyl)phthalate	< 3.0	µg/L	6	E525.2	7/25/03 6:15:00 PM
Benzo(a)pyrene	< 0.10	µg/L	0.2	E525.2	7/25/03 6:15:00 PM
Chloride	15.1	mg/L		E325.2	8/2/03 2:03:32 PM
Cyanide	< 10	µg/L	200	M4500-CN CE	7/15/03 1:11:00 PM
Color	< 5	units	15	E110.2	7/11/03 7:51:00 AM
Specific Conductivity	126	µmhos/cm		M2510 B	7/11/03 8:15:00 AM
Fluoride	< 0.10	mg/L	2.2	M4500F C	7/11/03 7:59:00 AM
MBAS	< 0.08	mg/L		E425.1	7/11/03 8:36:00 AM
Nitrogen, Ammonia (As N)	< 0.10	mg/L		E350.1	8/4/03 11:14:12 AM
Nitrite as N	< 0.10	mg/L	1	E353.2	7/11/03 8:11:05 AM
Nitrate as N	0.54	mg/L	10	E353.2	8/2/03 3:44:11 PM
Odor	0	units	3	E140.1	7/11/03 7:50:00 AM
pH	5.9	pH Units		E150.1	7/10/03 5:21:00 PM
Sulfate	9.4	mg/L	250	E375.4	7/14/03 8:40:00 AM
Turbidity	< 1.0	NTU	5	E180.1	7/12/03 10:31:00 AM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307357-001A

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

Federal ID 5111891

Client ID. : 16841-008/009/010

Collected : 7/10/03

Point No : 23

COMPOSITE-WELLS 4,6,7

Received : 7/10/03 4:15:00 PM

Location : Well 4/6/7 Composite

Collected By : CLIENT

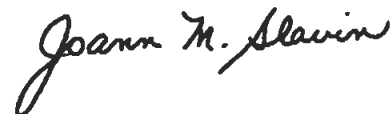
Copy : Original

CC : SCHD

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2-Dibromoethane	< 0.02	µg/L	0.05	E504.1	7/22/03 5:42:00 PM
1,2-Dibromo-3-chloropropane	< 0.02	µg/L	0.2	E504.1	7/22/03 5:42:00 PM
Dalapon	< 0.70	µg/L	200	E515.1	7/19/03 4:49:00 AM
Dicamba	< 0.08	µg/L	50	E515.1	7/19/03 4:49:00 AM
2,4-D	< 0.25	µg/L	50	E515.1	7/19/03 4:49:00 AM
Pentachlorophenol	< 0.20	µg/L	1	E515.1	7/19/03 4:49:00 AM
2,4,5-TP (Silvex)	< 0.13	µg/L	10	E515.1	7/19/03 4:49:00 AM
Dinoseb	< 0.20	µg/L	7	E515.1	7/19/03 4:49:00 AM
Picloram	< 0.60	µg/L	500	E515.1	7/19/03 4:49:00 AM
Aldicarb sulfoxide	< 1.0	µg/L	4	E531.1	7/15/03 7:48:00 PM
Aldicarb sulfone	< 1.0	µg/L	2	E531.1	7/15/03 7:48:00 PM
Oxamyl	< 1.0	µg/L	200	E531.1	7/15/03 7:48:00 PM
Methomyl	< 1.0	µg/L	50	E531.1	7/15/03 7:48:00 PM
3-Hydroxycarbofuran	< 1.0	µg/L	50	E531.1	7/15/03 7:48:00 PM
Aldicarb	< 1.0	µg/L	3	E531.1	7/15/03 7:48:00 PM
Carbofuran	< 1.0	µg/L	40	E531.1	7/15/03 7:48:00 PM
Carbaryl	< 1.0	µg/L	50	E531.1	7/15/03 7:48:00 PM
Glyphosate	< 10	µg/L	700	E547	7/16/03 1:00:00 PM
Diquat	< 1.0	µg/L	20	E549.1	7/18/03 1:51:00 PM
Endothall (See Attached)	< 50	ug/L	100	E548.1	7/22/03

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307357-002A

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

Federal ID 5111891

Client ID. : 16841-011/012

Collected : 7/10/03

Point No : 24

COMPOSITE-WELLS 11/12

Received : 7/10/03 4:15:00 PM

Location : Well 11/12 Composite

Collected By : CLIENT

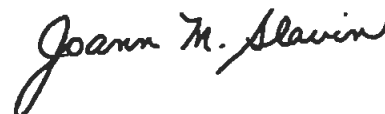
Copy : Original

CC : SCHD

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2-Dibromoethane	< 0.02	µg/L	0.05	E504.1	7/22/03 6:05:00 PM
1,2-Dibromo-3-chloropropane	< 0.02	µg/L	0.2	E504.1	7/22/03 6:05:00 PM
Dalapon	< 0.70	µg/L	200	E515.1	7/19/03 5:26:00 AM
Dicamba	< 0.08	µg/L	50	E515.1	7/19/03 5:26:00 AM
2,4-D	< 0.25	µg/L	50	E515.1	7/19/03 5:26:00 AM
Pentachlorophenol	< 0.20	µg/L	1	E515.1	7/19/03 5:26:00 AM
2,4,5-TP (Silvex)	< 0.13	µg/L	10	E515.1	7/19/03 5:26:00 AM
Dinoseb	< 0.20	µg/L	7	E515.1	7/19/03 5:26:00 AM
Picloram	< 0.60	µg/L	500	E515.1	7/19/03 5:26:00 AM
Aldicarb sulfoxide	< 1.0	µg/L	4	E531.1	7/15/03 8:51:00 PM
Aldicarb sulfone	< 1.0	µg/L	2	E531.1	7/15/03 8:51:00 PM
Oxamyl	< 1.0	µg/L	200	E531.1	7/15/03 8:51:00 PM
Methomyl	< 1.0	µg/L	50	E531.1	7/15/03 8:51:00 PM
3-Hydroxycarbofuran	< 1.0	µg/L	50	E531.1	7/15/03 8:51:00 PM
Aldicarb	< 1.0	µg/L	3	E531.1	7/15/03 8:51:00 PM
Carbofuran	< 1.0	µg/L	40	E531.1	7/15/03 8:51:00 PM
Carbaryl	< 1.0	µg/L	50	E531.1	7/15/03 8:51:00 PM
Glyphosate	< 10	µg/L	700	E547	7/16/03 1:28:00 PM
Diquat	< 1.0	µg/L	20	E549.1	7/18/03 2:03:00 PM
Endothall (See Attached)	< 50	ug/L	100	E548.1	7/22/03

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

Date Reported : 8/28/03



Laboratory Manager



quality ■ accuracy ■ reliability

**ELS - Vestal**

241 Front St.  
 Vestal, NY 13850  
 Phone (607) 785-1526  
 FAX (607) 785-1529

**ENVIRONMENTAL**

390 N. Pennsylvania Ave.  
 S. Waverly, PA 18840-2826  
 Phone (570) 888-0169  
 FAX (570) 888-0717

**Certificate of Analysis**

H2M Labs Inc. 575 Broad Hollow Road Melville NY, 117475076	Project: Endothall Project No: 0307357-001 & 002 Project Manager: Stu Murrell	<b>Reported:</b> 07/25/03 13:37
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**0307357-001A**  
**3G14013-01 (Drinking Water)**

Date Sampled: 07/10/03 00:00  
 Date Received: 07/14/03 10:05

Analyte	Result	MCL	Units	Prepared	Analyzed	Method	Analyst	Notes
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**EPA 548.1 Endothall**

Endothall	<0.05	0.1	mg/l	07/16/03 08:30	07/22/03 18:02	EPA 548.1		FCOL*
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FCOL\* = Analysis performed by NYS DOH#10552, PA DEP#20-073

**0307357-002A**  
**3G14013-02 (Drinking Water)**

Date Sampled: 07/10/03 00:00  
 Date Received: 07/14/03 10:05

Analyte	Result	MCL	Units	Prepared	Analyzed	Method	Analyst	Notes
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**EPA 548.1 Endothall**

Endothall	<0.05	0.1	mg/l	07/16/03 08:30	07/22/03 18:02	EPA 548.1		FCOL*
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FCOL\* = Analysis performed by NYS DOH#10552, PA DEP#20-073

Eastern Laboratory Services, Ltd.

*Barbara Hohman*

Reviewed by Barbara Hohman, QA Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

PA 08380

NY 11216



# 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 : S. Scarpitta

Lab No. : 0307406-022A

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

Federal ID 5111891

Client ID. : 16845-022

Collected : 7/11/03 11:10:00 AM

Point No : 19

Received : 7/11/03 5:30:00 PM

Location : Well #10 Treated

Collected By : CLIENT

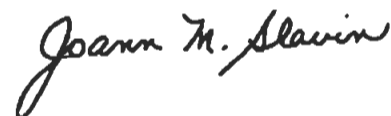
Copy : Original

CC : SCHD

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
Chloromethane	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	7/22/03 7:03:50 AM
Bromomethane	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
Chloroethane	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
Chloroform	1.9	µg/L	50	E502.2	7/22/03 7:03:50 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
Bromodichloromethane	1.8	µg/L	50	E502.2	7/22/03 7:03:50 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
Dibromochloromethane	0.8	µg/L	50	E502.2	7/22/03 7:03:50 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
Bromoform	< 0.5	µg/L	50	E502.2	7/22/03 7:03:50 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Federal ID 5111891

Collected : 7/11/03 11:10:00 AM

Received : 7/11/03 5:30:00 PM

Collected By : CLIENT

Copy : Original

CC : SCHD

Lab No. : 0307406-022A

Client ID. : 16845-022

Sample Information...

Type : Potable Water

Origin : Treated Well

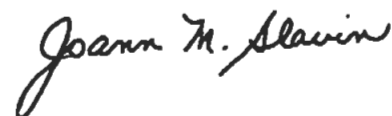
Routine

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
Benzene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
Toluene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
o-Xylene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
Styrene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	7/22/03 7:03:50 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 7:03:50 AM

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

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307371-002A

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

Federal ID 5111891

Client ID. : 16841-039

Collected : 7/10/03 11:15:00 AM

Point No : 20

Received : 7/10/03 4:15:00 PM

Location : Well #11 Treated

Collected By : CLIENT

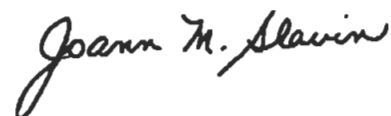
Copy : Original

CC : SCHD

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
Chloromethane	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	7/22/03 4:06:49 AM
Bromomethane	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
Chloroethane	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
Chloroform	< 0.5	µg/L	50	E502.2	7/22/03 4:06:49 AM
1,1,1-Trichloroethane	0.7	µg/L	5	E502.2	7/22/03 4:06:49 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	7/22/03 4:06:49 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	7/22/03 4:06:49 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
Bromoform	< 0.5	µg/L	50	E502.2	7/22/03 4:06:49 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307371-002A

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

Federal ID 5111891

Client ID. : 16841-039

Collected : 7/10/03 11:15:00 AM

Point No : 20

Received : 7/10/03 4:15:00 PM

Location : Well #11 Treated

Collected By : CLIENT

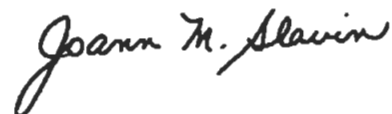
Copy : Original

CC : SCHD

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
Benzene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
Toluene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
o-Xylene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
Styrene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	7/22/03 4:06:49 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 4:06:49 AM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Federal ID 5111891

Collected : 7/10/03 10:50:00 AM

Received : 7/10/03 4:15:00 PM

Collected By : CLIENT

Copy : Original

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Lab No. : 0307371-003A

Client ID. : 16841-040

Sample Information...

Type : Potable Water

Origin : Treated Well

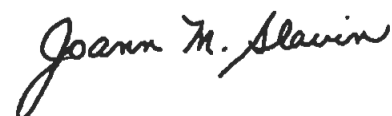
Routine

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
Chloromethane	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	7/22/03 5:05:38 AM
Bromomethane	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
Chloroethane	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
Chloroform	< 0.5	µg/L	50	E502.2	7/22/03 5:05:38 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	7/22/03 5:05:38 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	7/22/03 5:05:38 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
Bromoform	< 0.5	µg/L	50	E502.2	7/22/03 5:05:38 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM

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

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307371-003A

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

Federal ID 5111891

Client ID. : 16841-040

Collected : 7/10/03 10:50:00 AM

Point No : 21

Received : 7/10/03 4:15:00 PM

Location : Well #12 Treated

Collected By : CLIENT

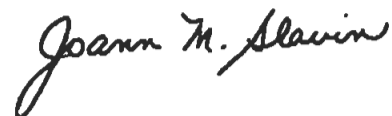
Copy : Original

CC : SCHD

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
Benzene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
Toluene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
o-Xylene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
Styrene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	7/22/03 5:05:38 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 5:05:38 AM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307371-001A

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

Federal ID 5111891

Client ID. : 16841-038

Collected : 7/10/03 11:50:00 AM

Point No : 22

Received : 7/10/03 4:15:00 PM

Location : Bldg. 624 WTP

Collected By : CLIENT

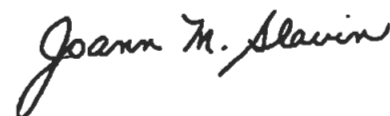
Copy : Original

CC : SCHD

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
Dichlorodifluoromethane	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
Chloromethane	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
Vinyl chloride	< 0.5	µg/L	2	E502.2	7/22/03 3:07:22 AM
Bromomethane	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
Chloroethane	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
Trichlorofluoromethane	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
1,1-Dichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
Methylene chloride	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
trans-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
1,1-Dichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
cis-1,2-Dichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
2,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
Bromochloromethane	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
Chloroform	< 0.5	µg/L	50	E502.2	7/22/03 3:07:22 AM
1,1,1-Trichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
Carbon tetrachloride	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
1,1-Dichloropropene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
1,2-Dichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
Trichloroethene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
1,2-Dichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
Dibromomethane	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
Bromodichloromethane	< 0.5	µg/L	50	E502.2	7/22/03 3:07:22 AM
trans-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
cis-1,3-Dichloropropene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
1,1,2-Trichloroethane	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
Tetrachloroethene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
1,3-Dichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
Dibromochloromethane	< 0.5	µg/L	50	E502.2	7/22/03 3:07:22 AM
Chlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
1,1,1,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
Bromoform	< 0.5	µg/L	50	E502.2	7/22/03 3:07:22 AM
Bromobenzene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
1,1,2,2-Tetrachloroethane	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
1,2,3-Trichloropropane	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
2-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
4-Chlorotoluene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
1,2-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
1,3-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
1,4-Dichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM

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

Date Reported : 8/28/03



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 : S. Scarpitta

Lab No. : 0307371-001A

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

Federal ID 5111891

Client ID. : 16841-038

Collected : 7/10/03 11:50:00 AM

Point No : 22

Received : 7/10/03 4:15:00 PM

Location : Bldg. 624 WTP

Collected By : CLIENT

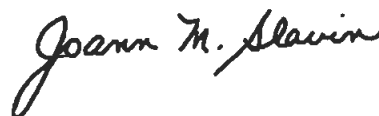
Copy : Original

CC : SCHD

<u>Parameter(s)</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
1,2,4-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
Hexachlorobutadiene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
1,2,3-Trichlorobenzene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
Benzene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
Toluene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
Ethylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
m,p-Xylene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
o-Xylene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
Styrene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
Isopropylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
n-Propylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
1,3,5-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
Methyl tert-butyl ether	< 0.5	µg/L	50	E502.2	7/22/03 3:07:22 AM
tert-Butylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
1,2,4-Trimethylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
4-Isopropyltoluene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
sec-Butylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM
n-Butylbenzene	< 0.5	µg/L	5	E502.2	7/22/03 3:07:22 AM

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

Date Reported : 8/28/03



Laboratory Manager

**ATTACHMENT VI**

**Brookhaven National Laboratory  
Potable Water Supply**

**2003 Third Quarter Radiological Analyses  
for the BNL Potable Water Wells**

**ATTACHMENT VI**

**Brookhaven National Laboratory  
Potable Water Supply**

**Table 2  
Summary of 2003 Third Quarter Radiological Results for the  
BNL Potable Water Wells**

<b>Well ID</b>	<b>Gross Alpha (pCi/L)</b>	<b>Gross Beta (pCi/L)</b>	<b>Tritium (pCi/L)</b>	<b>Sr-90 (pCi/L)</b>
Well # 4	< 0.54	< 1.34	< 335	< 0.8
Well # 6	< 0.54	< 1.34	< 337	< 0.8
Well # 7	< 0.54	< 1.34	< 337	< 0.8
Well # 11	< 0.54	< 1.34	< 340	< 0.8
Well # 12	< 0.54	< 1.34	< 338	< 0.8
Well # 11 (Duplicate)	< 0.54	< 1.34	< 337	< 0.8

ASL Prefix No.  
**23072404**

Chain of Custody No.  
**17201**

BROOKHAVEN NATIONAL LABORATORY  
RADIOLOGICAL CONTROL DIVISION  
SAMPLING CHAIN OF CUSTODY

No. of Pages: 1

Requires EDD   
DQL

Carrier/Waybill #:  
P.O. #:

Analysis Requested By				Sampling Contractor				Analytical Laboratory				Analysis Requested											
Name: B Lee				Name: EWMSD Field Sampling				Name: ASL															
Life No. 20222 Ext. 3148				Contact				Address:															
Acct. No. 07089 Dept. ES				Phone:				City: St: Zip:															
Email Reports to:				Email / Fax:				Contact:															
1. B Lee				Sampler: L Lettieri				Phone:															
2. B Lee								Email/Fax:															
Project Name				Project Manager				Field Engineer															
ES F Wells				B Lee																			
COMMENTS																							
Sample Information																							
Type		Site I.D. - Bldg. - Life #				Depth - RWP		Date		Time		Matrix		Description		Container							
L.I.D.	U.I.D./Smp Col	Site I.D.	Bldg.	Life #	Depth - RWP	Date	Time	Matrix	Description	Vol. / Units	Type	No.	Preservative	Alpha Beta	Gamma	Strontium	524 2	624	Nuclide Specific Alpha	PCBx	Metals		
01	001 e	G	Well 12		92 - 137	7/24/2003	1350	W	Ground Water	4.875 L		4		X	X							X	X
02	002 e	G	Well 11		93 - 142	7/24/2003	1340	W	Ground Water	4.875 L		4		X	X							X	X
03	003 e	G	Well 6		98 - 150	7/24/2003	1429	W	Ground Water	4.875 L		4		X	X							X	X
04	004 e	G	Well 7		99 - 150	7/24/2003	1420	W	Ground Water	4.875 L		4		X	X							X	X
05	005 e	G	BD-1		-----	7/24/2003	-----	W	Ground Water - Wells #11-Duplicate	4.875 L		4		X	X							X	X
06	006 e	G	Well 4		95 - 147	7/24/2003	1400	W	Ground Water	4.875 L		4		X	X							X	X

1. Relinquished by / Date / Time		2. Relinquished by / Date / Time		3. Relinquished by / Date / Time	
Signature: L Lettieri		Signature:		Signature:	
Date / Time: 7/24/2003 1522		Date / Time:		Date / Time:	
1. Received by / Date / Time		2. Received by / Date / Time		3. Received by / Date / Time	
Signature: V Lettieri		Signature:		Signature:	
Date / Time: 7/24/2003 1528		Date / Time:		Date / Time:	
Contractor Lab Sample Disposal					
Return to Client: _____			Disposal by lab: _____		
Archive for _____ Months					
Turn Around Time Required:					
Rush 1 Day: _____		14 Days X		30 Days _____	
7 Days: _____		Other: _____		Days _____	





949W

ASL Prefix No. **23072502** Page 1 of 1 Chain of Custody No. **17202**  
 Carrier/Waybill # \_\_\_\_\_ PO. # \_\_\_\_\_



**SAMPLING CHAIN OF CUSTODY**

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

**Analysis Requested By**  
 Name: B Lee  
 Life No: 20222  
 Acct No: 07085  
 Email Reports To: \_\_\_\_\_

**Sampling Contractor**  
 Name: EUMSD Field Sampling  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ St: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Contact: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Email/Fax: \_\_\_\_\_  
 Sampler: U Lettieri  
 Project Manager: B Lee

**Analytical Laboratory**  
 Name: GAEL  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ St: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Contact: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Email/Fax: \_\_\_\_\_  
 Field Engineer: \_\_\_\_\_

Comments:

LID	Type	Sample Information			Date	Time	Mass	Name/Description	Conc/Units	Conc/Units	Preserve	Analysis Requested													
		Sine ID/Tag/Use #	Depth/RVP	Depos								Alpha/Beta	Tritium	Gamma	Strontium	5242	624	Nucleide-specific Alpha	PCBs	Metals					
001	EIG	well 12	92-137	7/24/03	1350		Ground water	48	P	1	HN03	X													
002	EIG	well 11	93-142	7/24/03	1340			48	P	1	HN03	X													
003	EIG	well 6	98-150	7/24/03	1425			48	P	1	HN03	X													
004	EIG	well 7	99-150	7/24/03	1420			48	P	1	HN03	X													
005	EIG	BD-1	-	7/24/03	-		BD-1 - Well #11	48	P	1	HN03	X													
006	EIG	well 4	95-147	7/24/03	1400		Duplicate	48	P	1	HN03	X													

**1 Relinquished By/Date/Time**  
 Print: U Lettieri 7/25/03  
 Signature: \_\_\_\_\_  
 1 Received By/Date/Time  
 Print: J Robinson 7/24/03 0900  
 Signature: \_\_\_\_\_

**2 Relinquished By/Date/Time**  
 Print: \_\_\_\_\_  
 Signature: \_\_\_\_\_  
 2 Received By/Date/Time  
 Print: \_\_\_\_\_  
 Signature: \_\_\_\_\_

**3 Relinquished By/Date/Time**  
 Print: \_\_\_\_\_  
 Signature: \_\_\_\_\_  
 3 Received By/Date/Time  
 Print: \_\_\_\_\_  
 Signature: \_\_\_\_\_

Contractor Lab Sample Disposal:  
 Return to Client  
 Archive For \_\_\_\_\_ Months  
 Disposal by Lab

Data Package:  Full  Summary

Turn-Around Time Required:  
 Rush (1 Day)  
 7 Days  
 14 Days  
 30 Days  
 Other ( )



# GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

## Certificate of Analysis

Company : Brookhaven National Laboratory  
Address : Building 51  
Upton, New York 11973--5000

Contact: John Burke  
Project: Analytical Services Lab (ASL)

Report Date: August 12, 2003

Page 1 of 1

Client Sample ID: 17202-006  
Sample ID: 84921006  
Matrix: Water  
Collect Date: 24-JUL-03 14:00  
Receive Date: 26-JUL-03 09:00  
Collector: Client

Project: BRKL00403  
Client ID: BRKL004  
COC: 17202  
Samp Recv.: 17202  
Client Desc.: Well 4

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Rad Gas Flow Proportional Counting										
<i>GFPC, Sr90, liquid</i> Strontium-90	U	-0.216 +/-0.241	0.536	0.800	pCi/L		AB2 08/01/03	1254	266431	1

### The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 905.0 Modified	

### Notes:

The Qualifiers in this report are defined as follows :

- DL Failed required detection limit.
- H Holding time exceeded
- J Estimated value; the result was greater than the MDA but less than the required detection limit.
- JN Presumptive evidence of the analyte at an estimated quantity.
- R The data are unusable (radionuclide may or may not be present).
- U Undetected; sample result < MDA
- UI Uncertain identification for gamma spectroscopy.

The above sample is reported on an "as received" basis.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Valerie Davis.

Heather C. Davis  
Reviewed by

# GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

## Certificate of Analysis

Company : Brookhaven National Laboratory  
Address : Building 51  
Upton, New York 11973--5000

Contact: John Burke  
Project: Analytical Services Lab (ASL)

Report Date: August 12, 2003

Page 1 of 1

Client Sample ID: 17202-003  
Sample ID: 84921003  
Matrix: Water  
Collect Date: 24-JUL-03 14:29  
Receive Date: 26-JUL-03 09:00  
Collector: Client

Project: BRKL00403  
Client ID: BRKL004  
COC: 17202  
Samp Recv.: 17202  
Client Desc.: Well 6

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
<b>Rad Gas Flow Proportional Counting</b>											
<i>GFP, Sr90, liquid</i> Strontium-90	U	0.347 +/-0.250	0.485	0.800	pCi/L	AB2	08/01/03	1159	266431	1	

### The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 905.0 Modified	

### Notes:

The Qualifiers in this report are defined as follows :

- DL Failed required detection limit.
- H Holding time exceeded
- J Estimated value; the result was greater than the MDA but less than the required detection limit.
- JN Presumptive evidence of the analyte at an estimated quantity.
- R The data are unusable (radionuclide may or may not be present).
- U Undetected; sample result < MDA
- UI Uncertain identification for gamma spectroscopy.

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Heather Owen  
Reviewed by

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## Certificate of Analysis

Company : Brookhaven National Laboratory  
Address : Building 51  
Upton, New York 11973--5000

Report Date: August 12, 2003

Contact: John Burke  
Project: Analytical Services Lab (ASL)

Page 1 of 1

Client Sample ID: 17202-004  
Sample ID: 84921004  
Matrix: Water  
Collect Date: 24-JUL-03 14:20  
Receive Date: 26-JUL-03 09:00  
Collector: Client

Project: BRKL00403  
Client ID: BRKL004  
COC: 17202  
Samp Recv.: 17202  
Client Desc.: Well 7

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
<b>Rad Gas Flow Proportional Counting</b>										
<i>GFPC, Sr90, liquid</i>										
Strontium-90	U	0.0935 +/-0.0969	0.192	0.800	pCi/L	AB2	08/06/03	1444	268002	1

### The following Analytical Methods were performed

Method	Description	Analyst Comments
I	EPA 905.0 Modified	

### Notes:

The Qualifiers in this report are defined as follows :

- DL Failed required detection limit.
- H Holding time exceeded
- J Estimated value; the result was greater than the MDA but less than the required detection limit.
- JN Presumptive evidence of the analyte at an estimated quantity.
- R The data are unusable (radionuclide may or may not be present).
- U Undetected; sample result < MDA
- UI Uncertain identification for gamma spectroscopy.

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Heather J. O'Neil  
Reviewed by

# GENERAL ENGINEERING LABORATORIES, LLC

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## Certificate of Analysis

Company : Brookhaven National Laboratory  
Address : Building 51  
Upton, New York 11973--5000

Report Date: August 12, 2003

Contact: John Burke  
Project: Analytical Services Lab (ASL)

Page 1 of 1

Client Sample ID: 17202-002  
Sample ID: 84921002  
Matrix: Water  
Collect Date: 24-JUL-03 13:40  
Receive Date: 26-JUL-03 12:00  
Collector: Client

Project: BRKL00403  
Client ID: BRKL004  
COC: 17202  
Samp Recv.: 17202  
Client Desc.: Well 11

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
<b>Rad Gas Flow Proportional Counting</b>										
<i>GFPC, Sr90, liquid</i> Strontium-90	U	0.0776	+/-0.187	0.388	0.800	pCi/L	AB2	08/01/03	1159	266431 1

### The following Analytical Methods were performed

Method	Description	Analyst Comments
I	EPA 905.0 Modified	

### Notes:

The Qualifiers in this report are defined as follows :

- DL Failed required detection limit.
- H Holding time exceeded
- J Estimated value; the result was greater than the MDA but less than the required detection limit.
- JN Presumptive evidence of the analyte at an estimated quantity.
- R The data are unusable (radionuclide may or may not be present).
- U Undetected; sample result < MDA
- UI Uncertain identification for gamma spectroscopy.

The above sample is reported on an "as received" basis.

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Heather A. Ciolek  
Reviewed by

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## Certificate of Analysis

Company : Brookhaven National Laboratory  
Address : Building 51  
Upton, New York 11973--5000

Contact : John Burke  
Project : Analytical Services Lab (ASL)

Report Date: August 12, 2003

Page 1 of 1

Client Sample ID: 17202-001  
Sample ID: 84921001  
Matrix: Water  
Collect Date: 24-JUL-03 13:50  
Receive Date: 26-JUL-03 12:00  
Collector: Client

Project: BRKL00403  
Client ID: BRKL004  
COC: 17202  
Samp Recv.: 17202  
Client Desc.: Well 12

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
<b>Rad Gas Flow Proportional Counting</b>										
<i>GFPC, Sr90, liquid</i>										
Strontium-90	U	0.223 +/-0.228	0.455	0.800	pCi/L		AB2 08/01/03	1159	266431	1

### The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 905.0 Modified	

#### Notes:

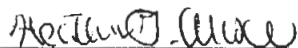
The Qualifiers in this report are defined as follows :

- DL Failed required detection limit.
- H Holding time exceeded
- J Estimated value; the result was greater than the MDA but less than the required detection limit.
- JN Presumptive evidence of the analyte at an estimated quantity.
- R The data are unusable (radionuclide may or may not be present).
- U Undetected; sample result < MDA
- UI Uncertain identification for gamma spectroscopy.

The above sample is reported on an "as received" basis.

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Reviewed by

**GENERAL ENGINEERING LABORATORIES, LLC**  
 2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

**Certificate of Analysis**

Company : Brookhaven National Laboratory  
 Address : Building 51  
 Upton, New York 11973--5000

Contact: John Burke  
 Project: Analytical Services Lab (ASL)

Report Date: August 12, 2003

Page 1 of 1

Client Sample ID: 17202-005  
 Sample ID: 84921005  
 Matrix: Water  
 Collect Date: 24-JUL-03 00:00  
 Receive Date: 26-JUL-03 09:00  
 Collector: Client

Project: BRKL00403  
 Client ID: BRKL004  
 COC: 17202  
 Samp Recv.: 17202  
 Client Desc.: BD-1 *Well #11*

Parameter	Qualifier	Result	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
<b>Rad Gas Flow Proportional Counting</b>										
<i>GFPC, Sr90, liquid</i> Strontium-90	U	0.224 +/-0.232	0.464	0.800	pCi/L	AB2	08/01/03	1254	266431	1

**The following Analytical Methods were performed**

Method	Description	Analyst Comments
1	EPA 905.0 Modified	

**Notes:**

The Qualifiers in this report are defined as follows :

- DL Failed required detection limit.
- H Holding time exceeded
- J Estimated value; the result was greater than the MDA but less than the required detection limit.
- JN Presumptive evidence of the analyte at an estimated quantity.
- R The data are unusable (radionuclide may or may not be present).
- U Undetected; sample result < MDA
- UI Uncertain identification for gamma spectroscopy.

The above sample is reported on an "as received" basis.

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*Heather Arow*  
 \_\_\_\_\_  
 Reviewed by