Environmental Services Division

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

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October 10, 2000

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

Dear Ms. Newcomer:

SUBJECT: Monthly Water Treatment Plant Reports
Reference: Suffolk County Minimum Monitoring Requirements for September 2000

In accordance with the requirements of the BNL Potable Water System Sampling Plan and the 2000 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 Bacteriological and Operational Reports for September 2000.
Attachment II:	September 2000 Biweekly and Quarterly Water Quality Monitoring Data for BNL Distribution System and Potable Water Wells.
Attachment III:	Summary of 2000 Annual Lead and Copper Sampling Analytical Results.
Attachment IV:	2000 Semi-Annual Inorganic and Nitrate/Nitrite Analyses for the BNL Potable Water Distribution System and Potable Wells.
Attachment V:	2000 Third Quarter Principal Organic Compound Analyses for the BNL Potable Water Distribution System and Potable Water Wells.
Attachment VI:	2000 Annual Synthetic Organic Chemical and Pesticides Analytical Results for the BNL Potable Water Distribution System and Potable Water Wells.
Attachment VII:	2000 Annual Asbestos Analytical Results for the BNL Potable Water Distribution System.

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 one detection of

354 ppb of total iron at Building 185. The iron concentration detected exceeds the secondary MCL of 300 ppb, which is based on aesthetic qualities. It is our understanding that no further action is required at this time, and the detection of elevated iron should be discussed in our 2001 Consumer Confidence Report. 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 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,

E. A. Zimmerman, CEP, REM, CEA, CESM
Division Manager

EAZ/MA:rt
Attachments: As noted

cc: K. Brog w/o attachments
W. Chaloupka w/attachments
R. Lee w/attachments
E. Murphy w/attachments
P. Ponturo, SCDHS, w/o attachments
L. Ross w/o attachments
R. Simeone w/attachments

EC61ER.00

ATTACHMENT I

Brookhaven National Laboratory
Potable Water Supply

Monthly Bacteriological and Operational
Reports for September 2000

BROOKHAVEN NATIONAL LABORATORY

WATER SYSTEMS OPERATION REPORT

Public Water Supply Protection

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD : 2000

OCATION: WATER TREATMENT PLANT

Did an emergency occur in any part of the water system? yes____ no ✓

Does the system have a chlorination waiver? yes ____ no ✓

Source: Ground Water

	CHLORINATION				pH	
	Treated	Liquid Sodium Hypochlorite		Free Cl2	__ Lime	Totalizer
of	Water	Gallons	Cl2 use	Residual	__ Sodium	Daily Totalizer
nth	K Gals	30	per 24hrs	mg/l	Hydroxide	11993322
1	1,535	20+160	10	0.53	7.7	11994857
2	1,370	169	11	0.52	7.8	11996227
3	0					
4	0					
5	2,296	155	19	0.72	7.5	11998523
6	1,203	149	6	0.3	7.5	11999726
7	1,529	139	10	0.67	7.7	12001255
8	1,526	130	9	0.33	7.8	12002781
9	0					
0	0					
1	4,533	100	30	0.45	7.7	12007314
12	1,526	85	15	0.76	7.6	12008840
13	1,538	70	15	1	7.8	12010378
14	1,543	55	15	1	7.7	12011921
15	1,534	45+72	10	0.6	7.7	12013455
16	0					
17	0					
18	4,554	72	45	0.7	7.8	12018009
19	1,520	60	12	0.7	7.9	12019529
20	1,471	55	5	0.6	7.9	12021000
21	1,465	50	5	0.7	7.9	12022465
22	1,407	45+75	5	0.7	7.9	12023872
23	0					
24	3,477	93	27	0.29	7.3	12027349
25	1,072	150/85+105	8	0.38	7.49	12028421
26	979	150/185	5	0.72	7.3	12029400
27	1,128	150/180	5	0.57	7.41	12030528
28	1,031	150/172	8	0.67	7.46	12031559
29	0					
30	0					
31	0					
TOT	38,237		275			
AVG	1274.57		9.17	No Days:	30	

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? NO

If yes, check reason(s) below.

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

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

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

Reported by: [signature]

Date: 10-2-00

Title: WATER SYSTEMS SUPERVISOR

Cert. #: 05650

BROOKHAVEN NATIONAL LABORATORY

WATER SYSTEMS OPERATION REPORT

Public Water Supply Protection

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD : 2000

OCATION: WELL NO. 4

Did an emergency occur in any part of the water system? yes____ no__✓__

Source: Ground Water

Does the system have a chlorination waiver? yes ____ no __✓__

	CHLORINATION				pH	
	Treated	Liquid Sodium Hypochlorite		Free Cl2	__ Lime	Totalizer
of	Water	Gallons	Cl2 use	Residual	__ Sodium	Daily Totalizer
nth	K Gals	178	per 24hrs	mg/l	Hydroxide	1411947
	600	162	16	0.05	6.2	1412547
	758	155	7	0.06	6.1	1413305
3	0					
	0					
	1,089	135	20	NR	NR	1414394
	346	125	10	0.03	6	1414740
	610	114	11	0.18	6.1	1415350
	577	105	9	0.04	6.1	1415927
	0					
10	0					
11	1,424	75	30	0.12	6.1	1417351
12	563	63	12	0.08	6.1	1417914
13	509	53	10	0.18	5.9	1418423
14	543	40+160	13	0.09	6.1	1418966
15	509	188	12	0.01	6	1419475
16	0					
17	0					
18	1,480	150	38	0.1	6.3	1420955
19	490	140	10	0.1	6.3	1421445
20	731	128	12	0.1	6.3	1422176
21	526	119	9	0.1	6.3	1422702
22	500	108	11	0.1	6.3	1423202
23	0					
24	0					
25	1,049	82	16	0.06	5.9	1424251
26	462	74	8	0.03	5.8	1424713
27	363	65	9	0.01	5.9	1425076
28	423	58+142	7	0.04	5.9	1425499
29	384	190	10	0.02	6	1425883
30	0					
31	0					
TOT	13,936		280			
AVG	464.53		9.33	No. Days:	30	

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? 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: JC Rowe

Date: 10-2-00

Title: WATER SYSTEMS SUPERVISOR

Cert. # 05650

BROOKHAVEN NATIONAL LABORATORY

WATER SYSTEMS OPERATION REPORT

Public Water Supply Protection

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD : 2000

OCATION: WELL NO. 6

Source: Ground Water

Did an emergency occur in any part of the water system? yes____ no✓

Does the system have a chlorination waiver? yes ____ no ✓

	CHLORINATION				pH	
	Treated	Liquid Sodium Hypochlorite		Free Cl2	__ Lime	Totalizer
of	Water	Gallons	Cl2 use	Residual	__ Sodium	Daily Totalizer
nth	K Gals	112	per 24hrs	mg/l	Hydroxide	61004
	101	111	1	0.05	6.2	61105
	202	110	1	0.06	6.1	61307
	0					
	0					
	0	110	0	NR	NR	61307
	778	105	5	0.03	6	62085
	0	105	0	0.18	6.1	62085
	165	102	3	0.04	6.1	62250
	0					
0	0					
1	799	93	9	0.12	6.1	63049
2	219	90	3	0.08	6.1	63268
3	0	90	0	0.18	5.9	63268
4	94	90	0	NR	NR	63362
5	345	85	5	0.01	6	63707
6	0					
7	0					
8	0	80	5	0.1	6.1	63707
9	336	79	1	0.1	6.1	64043
0	112	78	1	0.1	6.2	64155
1	78	77	1	0.1	6.3	64233
2	81	75	2	0.1	6.3	64314
3	0					
4	0					
5	489	70	5	0.06	5.9	64803
6	96	70	0	0.03	5.8	64899
7	226	68	2	0.01	5.9	65125
8	146	65+135	3	0.04	5.9	65271
9	155	196	4	0.02	6	65426
0	0					
1	0					
OT	4,422		51			0
VG	147.40		1.70	No. Days:	30	

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? 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 Rose

Date 10-2-00

Title WATER SYSTEMS SUPERVISOR

Cert. # 05650

BROOKHAVEN NATIONAL LABORATORY

WATER SYSTEMS OPERATION REPORT

Public Water Supply Protection

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD : 2000

OCATION: WELL NO. 7

Source: Ground Water

Did an emergency occur in any part of the water system? yes_____ no___✓___

Does the system have a chlorination waiver? yes _____ no ___✓___

	CHLORINATION			pH	
	Treated	Liquid Sodium Hypochlorite	Free Cl2	Lime	Totalizer
of	Water	Gallons	Cl2 use	Residual	Sodium	Daily Totalizer
nth	K Gals	135	per 24hrs	mg/l	Hydroxide	235435
	1,300	120+75	15	0.05	6.2	236735
	1,375	187	8	0.06	6.1	238110
	0					
	0					
	1,661	172	5	NR	NR	239771
	1,334	163	9	0.06	6	241105
	1,597	150	13	0.18	6.1	242702
	1,143	140	10	0.04	6.1	243845
	0					
0	0					
1	3,242	110	30	0.12	6.1	247087
2	1,298	98	12	0.08	6.1	248385
3	1,369	85	13	0.18	5.9	249754
4	1,310	73	12	0.09	6.1	251064
5	1,129	60+140	13	0.01	6.0	252193
6	0					
	0					
8	3,466	170	30	0.1	6.2	255659
9	1,364	167	3	0.1	6.2	257023
20	1,739	152	15	0.1	6.3	258762
21	1,318	143	9	0.1	6.3	260080
22	1,275	132	11	0.1	6.3	261355
23	0					
24	0					
25	3,121	110	22	0.06	5.9	264476
26	727	102	8	0.03	5.8	265203
27	753	95	7	0.01	5.9	265956
28	1,007	85+45	10	0.04	5.9	266963
29	884	120	10	0.02	6	267847
30	0					
31	0					
TOT	32,412		265			0
VG.	1080.40		8.83	No. Days:	30	

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? ___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: JC Rossi

Date 10-2-00

Title WATER SYSTEMS SUPERVISOR

Cert. # 05650

BROOKHAVEN NATIONAL LABORATORY

WATER SYSTEMS OPERATION REPORT

Public Water Supply Protection

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD : 2000

OCATION: WELL NO. 10

Source: Ground Water

Did an emergency occur in any part of the water system? yes____ no ✓

Does the system have a chlorination waiver? yes ____ no ✓

	CHLORINATION				pH	
	Treated	Liquid Sodium Hypochlorite		Free Cl2	__ Lime	Totalizer
y of	Water	Gallons	Cl2 use	Residual	__ Sodium	Daily Totalizer
nth	K Gals	60	per 24hrs	mg/l	Hydroxide	763856
1	0	60	0	NR	NR	763856
2	0	60	0	NR	NR	763856
3	0					
4	0					
5	4	60	0	NR	NR	763860
6	0	60	0	NR	NR	763860
7	0	60	0	NR	NR	763860
8	0	60	0	NR	NR	763860
9	0					
10	0					
11	0	60	0	NR	NR	763860
12	0	60	0	NR	NR	763860
13	0	60	0	NR	NR	763860
14	0	60	0	NR	NR	763860
15	0	60	0	NR	NR	763860
16	0					
17	0					
18	0	60	0	NR	NR	763860
19	0	60	0	NR	NR	763860
20	0	60	0	NR	NR	763860
21	0	60	0	NR	NR	763860
22	2	60	0	NR	NR	763862
23	0					
24	0					
25	0	60	0	NR	NR	763862
26	0	60	0	0.3	7.8	763862
27	7	60	0	NR	NR	763869
28	0	60	0	NR	NR	763869
29	0	60	0	NR	NR	763869
30	0					
31	0					
OT	13		0			0
VG	0.43		0.00	No Days	30	

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? 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: P.A. Losty

Date 10-2-00

Title WATER SYSTEMS SUPERVISOR

Cert. # 05650

BROOKHAVEN NATIONAL LABORATORY

WATER SYSTEMS OPERATION REPORT

Public Water Supply Protection

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD : 2000

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 ✓

	CHLORINATION				pH	
	Treated	Liquid Sodium Hypochlorite		Free Cl2	__ Lime	Totalizer
Day of	Water	Gallons	Cl2 use	Residual	__ Sodium	Daily Totalizer
Month	K Gals	168	per 24hrs	mg/l	Hydroxide	324190
1	21	168	0	1	7	324211
2	26	168	0	NR	NR	324237
3	0					
4	0					
5	1,453	151	17	0.8	8.1	325690
6	19	151	0	NR	NR	325709
7	0	151	0	NR	NR	325709
8	0	151	0	NR	NR	325709
9	0					
10	0					
11	125	150	1	8	0.7	325834
12	0	150	0	NR	NR	325834
13	0	150	0	0.5	8	325834
14	0	150	0	NR	NR	325834
15	0	150	0	NR	NR	325834
16	0					
17	0					
18	0	150	0	NR	NR	325834
19	0	150	0	NR	NR	325834
20	3	150	0	NR	NR	325837
21	0	150	0	NR	NR	325837
22	3	150	0	0.55	7.8	325840
23	0					
24	0					
25	5	150	0	0.7	8	325845
26	0	150	0	0.5	7.9	325845
27	3	150	0	0.3	8	325848
28	0	150	0	NR	NR	325848
29	0	150	0	NR	NR	325848
30	0					
31	0					
TOT	1,658		18			
AVG	55.27		0.60	No. Days	30	

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? NO

If yes, check reason(s) below.

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

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

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

Reported by [signature]

Date: 10-2-00

Title WATER SYSTEMS SUPERVISOR

Cert. # 05650

BROOKHAVEN NATIONAL LABORATORY

WATER SYSTEMS OPERATION REPORT

Public Water Supply Protection

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD : 2000

LOCATION: WELL NO. 12

Source: Ground Water

Did an emergency occur in any part of the water system? yes____ no__V__

Does the system have a chlorination waiver? yes ____ no __V__

	CHLORINATION			pH	
	Treated	Liquid Sodium Hypochlorite	Free Cl2	Lime	Totalizer
of	Water	Gallons Cl2 use	Residual	Sodium	Daily Totalizer
nth	K Gals	148 per 24hrs	mg/l	Hydroxide	254949
	501	142 6	0.7	7	255450
	818	137 5	0.9	7.2	256268
	0				
	0				
	4 180	105 32	0.8	8	260448
	759	100 5	0.7	8	261207
	683	89 11	0.7	8	261890
	857	84 6	0.75	8	262747
	0				
0	0				
	2,569	70 14	0.7	8	265316
2	1,320	60 10	0.7	8	266636
3	1,512	50 10	0.6	8	268148
3	1,346	40+160 10	0.7	8	269494
5	1,390	194 6	0.7	8	270884
6	0				
7	0				
8	1,569	188 6	1.1	7.6	272553
9	1,193	182 6	0.9	7.6	273746
0	44	180 2	0.6	7.6	273790
	42	180 0	1	7.7	273832
2	184	180 0	0.9	7.7	274016
3	0				
4	0				
5	6	180 0	0.3	8	274022
6	0	180 0	0.7	8	274022
7	5	180 0	0.3	8	274027
8	0	180 0	0.5	8	274027
9	0	180 0	0.2	8	274027
0	0				
1	0				
OT	19 078	129			
AG	635 93	4 30	No. Days	30	

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__V__

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? 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 V. O'Keefe

Date 10-2-00

Title WATER SYSTEMS SUPERVISOR

Cert. # 25650

9/29/00
Pump Data

MONTHLY GALLONAGE REPORT
Sep2000

Date	Well 4	Well 6	Well 7	Well10	Well11	Well12	Daily Total
1	600	101	1,300	0	21	501	2,523
2	758	202	1,375	0	26	818	3,179
3	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0
5	1,089	0	1,661	4	1,453	4,180	8,387
6	346	778	1,334	0	19	759	3,236
7	610	0	1,597	0	0	683	2,890
8	577	165	1,143	0	0	857	2,742
9	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0
11	1,424	799	3,242	0	125	2,569	8,159
12	563	219	1,298	0	0	1,320	3,400
13	509	0	1,369	0	0	1,512	3,390
14	543	94	1,310	0	0	1,346	3,293
15	509	345	1,129	0	0	1,390	3,373
16	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0
18	1,480	0	3,466	0	0	1,669	6,615
19	490	336	1,364	0	0	1,193	3,383
20	731	112	1,739	0	3	44	2,629
21	526	78	1,318	0	0	42	1,964
22	500	81	1,275	2	3	184	2,045
23	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0
25	1,049	489	3,121	0	5	6	4,670
26	462	96	727	0	0	0	1,285
27	363	226	753	7	3	5	1,357
28	423	146	1,007	0	0	0	1,576
29	384	155	884	0	0	0	1,423
30	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0
Total	13,936	4,422	32,412	13	1,658	19,078	71,519

		Totalizer This Month	Totalizer Last Month	Total(x1,000) Gallons
	Well 4	1,425,883	1,411,947	13,936
	Well 6	65,426	61,004	4,422
	Well 7	267,847	235,435	32,412
	Well 10	763,869	763,856	13
	Well 11	325,848	324,190	1,658
	Well 12	274,027	254,949	19,078
AGS Water Supply Meter		178,431	157,354	21077.00
Medical Reactor - Well 105		83,449,870	80,005,470	3444.40
Biology Building - Well 9		5,714,610	5,704,260	10.35

H2M LABS,INC.
5 Broad Hollow Road, Melville, NY 11747-5076
31)694-3040 . FAX:(631)420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

ROOKHAVEN NATIONAL LAB.-BNLM
0 BELL AVE.
PTON, NY 11973
ederal ID : 5111891

Received : 07-SEP-2000 14:00
Collected By : PP99
Sample Type : Potable Water

Copies To : SCHD
Report Issued : 09/13/2000

Lab Number	Collected	Location	Units / Method / Limits	T.COLI. BACT. NONE SM#9223 NEGATIVE	E.COLI. NONE SM#9223 ABSENT	CHLORINE RESIDUAL mg/L SM#4500-C1G N/A
0000907-213 OUTINE ISTRIBUTION	07-SEP-2000 06:50	B-49 WATER TOWER		NEGATIVE 07-SEP-2000 17:45	ABSENT 07-SEP-2000 17:45	0.6 07-SEP-2000
0000907-214 OUTINE ISTRIBUTION	07-SEP-2000 07:05	B-640 WATER TOWER		NEGATIVE 07-SEP-2000 17:45	ABSENT 07-SEP-2000 17:45	1.0 07-SEP-2000
0000907-215 OUTINE ISTRIBUTION	07-SEP-2000 07:15	B-1005 RHIC		NEGATIVE 07-SEP-2000 17:45	ABSENT 07-SEP-2000 17:45	0.5 07-SEP-2000
0000907-216 OUTINE ISTRIBUTION	07-SEP-2000 07:40	B-363 APT. LAUNDRY		NEGATIVE 07-SEP-2000 17:45	ABSENT 07-SEP-2000 17:45	0.6 07-SEP-2000
0000907-217 OUTINE ISTRIBUTION	07-SEP-2000 07:25	B-930 LINAC		NEGATIVE 07-SEP-2000 17:45	ABSENT 07-SEP-2000 17:45	0.6 07-SEP-2000
0000907-218 OUTINE ISTRIBUTION	07-SEP-2000 08:05	B-490 OUTPATIENT CLINIC		NEGATIVE 07-SEP-2000 17:45	ABSENT 07-SEP-2000 17:45	0.4 07-SEP-2000
0000907-219 OUTINE ISTRIBUTION	07-SEP-2000 08:15	B-490 BLOCK 11		NEGATIVE 07-SEP-2000 17:45	ABSENT 07-SEP-2000 17:45	0.4 07-SEP-2000

e-Print Date :09/26/2000

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Joann M. Slavin
Laboratory Director

575 Broad Hollow Road, Melville, NY 11747-5076
(631)694-3040 . FAX:(631)420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

BROOKHAVEN NATIONAL LAB.-BNLM
70 BELL AVE.
UPTON, NY 11973
Federal ID : 5111891

Received : 07-SEP-2000 14:00
Collected By : PP99
Sample Type : Potable Water

Copies To: SCHD
Report Issued: 09/13/2000

Lab Number	Collected	Location		T.COLI. BACT.	E.COLI.	CHLORINE RESIDUAL
			Units	*NONE*	*NONE*	*mg/L*
			Method	*SM#9223*	*SM#9223*	*SM#4500-C1G*
			Limits	*NEGATIVE*	*ABSENT*	*N/A*
20000907-220 ROUTINE DISTRIBUTION	07-SEP-2000 07:05	DUPLICATE (B640)		NEGATIVE 07-SEP-2000 17:45	ABSENT 07-SEP-2000 17:45	1.0 07-SEP-2000

Result(s) reported meet(s) NEW YORK STATE/USEPA limits for Potable Water.

Re-Print Date :09/26/2000

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Joann M. Slavin
Laboratory Director

ATTACHMENT II

Brookhaven National Laboratory
Potable Water Supply

September 2000 Biweekly and Quarterly Water Quality Monitoring Data for the BNL Distribution System and Potable Water Wells

Attachment II
Table 1
Summary of Water Quality Analyses
for the BNL Potable Water System
September 2000

Sample Location	Sample Date	pH (SU)	Temperature (Degrees F)	Conductivity (μmhos)	Alkalinity (mg/L)	Calcium (mg/L)
WTP	9/5/00	7.5	63	159	NR	NR
WTP	9/7/00	7.7	54	134	NR	NR
WTP	9/12/00	7.6	56	126	NR	NR
WTP	9/14/00	7.7	56	134	NR	NR
WTP	9/19/00	7.9	56	140	NR	NR
WTP	9/21/00	7.9	56	170	NR	NR
WTP	9/25/00	7.5	56	126	NR	NR
WTP	9/28/00	7.4	55	133	NR	NR
Well 11	9/5/00	8.1	56	197	NR	NR
Well 11	9/7/00	8.0	56	200	NR	NR
Well 11	9/12/00	8.0	56	200	NR	NR
Well 11	9/14/00	8.0	56	206	NR	NR
Well 11	9/19/00	7.8	56	205	NR	NR
Well 11	9/25/00	7.9	57	200	NR	NR
Well 12	9/5/00	8.0	56	165	NR	NR
Well 12	9/7/00	8.0	56	169	NR	NR
Well 12	9/12/00	8.0	56	170	NR	NR
Well 12	9/14/00	8.0	56	175	NR	NR
Well 12	9/19/00	7.6	56	170	NR	NR
Well 12	9/21/00	7.7	56	157	NR	NR
Well 12	9/225/00	8.0	55	178	NR	NR
Well 12	9/28/00	8.0	56	197	NR	NR
Bldg. 363	7/6/00	7.7	72	135	21.6	8.95
Bldg. 640	7/6/00	7.3	68	153	30.8	8.41
Bldg. 49	7/6/00	7.3	64	128	27.0	10.50

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 11747-5076
(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/TONY ROSS
Federal ID : 5111891
Collected : 06-JUL-2000 09:15
Received : 06-JUL-2000 15:30
Collected By : RL99
Project No : 4469
Copies To : SCHD

Lab No. : 20000706-188

Remarks: PH, CONDUCTIVITY & TEMPERATURE ANALYZED BY CLIENT.

Location: B-363 APARTMENT LAUNDRY

Sample Information...
Type : Potable Water
ROUTINE
Origin: DISTRIBUTION

Parameter(s)	Results	Units	Method Number	Analyzed
CONDUCTIVITY	135	umhos/cm	EPA#120.1	06-JUL-2000
FIELD TEMPERATURE	72.1	0F	EPA#170.1	06-JUL-2000
PH	7.7	units	EPA#150.1	06-JUL-2000
TOTAL ALKALINITY	21.6	mg/L	SM#2320B	07-JUL-2000

S 0086

Date Issued : 08/14/2000

ORIGINAL

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Laboratory Director

NYSDEC - ASP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-363_APT._LAUN

Lab Name: H2M_LABS,_INC._____ Contract: _____

Lab Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: BNLM097

Matrix (soil/water): WATER__ Lab Sample ID: 20000706-188

Level (low/med): LOW____ Date Received: 07/06/00_

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L__

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium	8950			P
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

B-363_APT._LAUNDRY

DATE_REPORTED:_AUGUST_12,_2000

S 0085

H2M LABS,INC.
75 Broad Hollow Road, Melville, NY 11747-5076
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/TONY ROSS
Federal ID : 5111891
Collected : 06-JUL-2000 08:45
Received : 06-JUL-2000 15:30
Collected By : RL99
Project No : 4469
Copies To : SCHD

Lab No. : 20000706-187

Remarks: PH, CONDUCTIVITY & TEMPERATURE ANALYZED BY CLIENT.

Location: B-640 WATER TOWER

Sample Information...
Type : Potable Water
ROUTINE
Origin: DISTRIBUTION

Parameter(s)	Results	Units	Method Number	Analyzed
CONDUCTIVITY	153	umhos/cm	EPA#120.1	06-JUL-2000
FIELD TEMPERATURE	67.5	0F	EPA#170.1	06-JUL-2000
PH	7.3	units	EPA#150.1	06-JUL-2000
TOTAL ALKALINITY	30.8	mg/L	SM#2320B	07-JUL-2000

S 0084

Date Issued : 08/14/2000

ORIGINAL

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Laboratory Director

NYSDEC - ASP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-640_WATER_TOW

b Name: H2M_LABS,_INC._____ Contract: _____

b Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: BNLM097

trix (soil/water): WATER__ Lab Sample ID: 20000706-187

vel (low/med): LOW____ Date Received: 07/06/00_

Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium	8410			P
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

lor Before: _____ Clarity Before: _____ Texture: _____

olor After: _____ Clarity After: _____ Artifacts: _____

mments:

B-640_WATER_TOWER

DATE_REPORTED:_AUGUST_12,_2000

S 0083

H2M LABS,INC.
575 Broad Hollow Road, Melville, NY 11747-5076
(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/TONY ROSS
Federal ID : 5111891
Collected : 06-JUL-2000 08:15
Received : 06-JUL-2000 15:30
Collected By : RL99
Project No : 4469
Copies To : SCHD

Lab No. : 20000706-186

Remarks: PH, CONDUCTIVITY & TEMPERATURE ANALYZED BY CLIENT.

Location: B-49 WATER TOWER

Sample Information...
Type . Potable Water
ROUTINE
Origin: DISTRIBUTION

Parameter(s)	Results	Units	Method Number	Analyzed
CONDUCTIVITY	128	umhos/cm	EPA#120.1	06-JUL-2000
FIELD TEMPERATURE	63.5	0F	EPA#170.1	06-JUL-2000
PH	7.3	units	EPA#150.1	06-JUL-2000
TOTAL ALKALINITY	27.0	mg/L	SM#2320B	07-JUL-2000

S 0082

Date Issued : 08/14/2000

ORIGINAL

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Laboratory Director

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-49_WATER_TOW

ab Name: H2M_LABS,_INC._____ Contract: _____

ab Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: BNLM097

trix (soil/water): WATER__ Lab Sample ID: 20000706-186

evel (low/med): LOW____ Date Received: 07/06/00_

Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium	10500			P
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

olor Before: _____ Clarity Before: _____ Texture: _____

lor After: _____ Clarity After: _____ Artifacts: _____

mments:

B-49_WATER_TOWER

DATE_REPORTED:_AUGUST_12,_2000

ATTACHMENT III

Brookhaven National Laboratory
Potable Water Supply

Summary of 2000 Annual Lead and Copper Sampling Analytical Results

SUMMARY OF 2000 ANNUAL LEAD AND COPPER SAMPLING FOR THE BROOKHAVEN NATIONAL LABORATORY POTABLE WATER SYSTEM

ANALYTICAL DATA FOR COPPER

SAMPLE NUMBER	LOCATION DESCRIPTION	ANALYTICAL RESULT
1	Building 153	0.003 mg/L
2	Building 51	0.004 mg/L
3	Building 911	0.005 mg/L
4	Apartment 24D	0.007 mg/L
5	Apartment 1A	0.009 mg/L
6	Apartment 5B	0.011 mg/L
7	Apartment 28B	0.020 mg/L
8	Apartment 13D	0.021 mg/L
9	Apartment 9D	0.024 mg/L
10	Building 371	0.026 mg/L
11	Apartment 34E	0.028 mg/L
12	Building 535	0.030 mg/L
13	Apartment 6A	0.034 mg/L
14	Building 460	0.046 mg/L
15	Apartment 36A	0.056 mg/L
16	Apartment 4C	0.061 mg/L
17	Apartment 42A	0.071 mg/L
18	***Building 170***	***0.073 mg/L***
19	Building 703	0.13 mg/L
20	Apartment 26A	0.33 mg/L

** 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. All sample results are for first draw water samples collected from a bathroom or kitchen water tap that remained out-of-service for a minimum of six hours. Plant Engineering personnel collected all water samples.

SUMMARY OF 2000 ANNUAL LEAD AND COPPER SAMPLING FOR THE BROOKHAVEN NATIONAL LABORATORY POTABLE WATER SYSTEM

ANALYTICAL DATA FOR LEAD

SAMPLE NUMBER	LOCATION DESCRIPTION	ANALYTICAL RESULT
1	Building 153	0.0006 mg/L
2	Apartment 24D	0.0008 mg/L
3	Building 911	0.0008 mg/L
4	Building 371	0.0009 mg/L
5	Building 535	0.0009 mg/L
6	Building 703	0.0010 mg/L
7	Building 51	0.0011 mg/L
8	Building 460	0.0019 mg/L
9	Apartment 13D	0.0020 mg/L
10	Apartment 1A	0.0023 mg/L
11	Apartment 6A	0.0029 mg/L
12	Apartment 28B	0.0034 mg/L
13	Apartment 5B	0.0036 mg/L
14	Apartment 34E	0.0050 mg/L
15	Apartment 9D	0.0059 mg/L
16	Building 170	0.0072 mg/L
17	Apartment 36A	0.0101 mg/L
18	***Apartment 42A***	***0.0102 mg/L***
19	Apartment 26A	0.0161 mg/L
20	Apartment 4C	0.9420 mg/L

** 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. All sample results are for first draw water samples collected from a bathroom or kitchen water tap that remained out-of-service for a minimum of six hours. Plant Engineering personnel collected all water samples.

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

CAVENDISH HSE

Lab Name: H2M_LABS,_INC._____ Contract: _____

Lab Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: BNLM097A

Matrix (soil/water): WATER__ Lab Sample ID: 20000711-178

Level (low/med): LOW____ Date Received: 07/11/00_

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L_

Building 153

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	2.7		B	P
7439-89-6	Iron				NR
7439-92-1	Lead	0.60		B	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NP
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR__ Texture: _____

Color After: COLORLESS Clarity After: CLEAR__ Artifacts: _____

Comments:

CAVENDISH_HOUSE_S_BATH

DATE_REPORTED:_AUGUST_12,_2000

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

BLDG327 APT.24D

Lab Name: H2M_LABS,_INC._____ Contract: _____

Lab Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: BNLM097A

Matrix (soil/water): WATER__ Lab Sample ID: 20000711-171

Level (low/med): LOW_____ Date Received: 07/11/00_

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	7.0	B		P
7439-89-6	Iron				NR
7439-92-1	Lead	0.80	B		F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440 22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Apartment 24D

Color Before: COLORLESS_ Clarity Before: CLEAR__ Texture: _____

Color After: COLORLESS_ Clarity After: CLEAR__ Artifacts: _____

Comments:

BLDG327_APT._24D_KITCHEN

DATE_REPORTED:_AUGUST_12,_2000

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

BLDG911 BATHRM

Lab Name: H2M_LABS,_INC._____ Contract: _____

Lab Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: BNLM097A

Matrix (soil/water): WATER__ Lab Sample ID: 20000711-164

Level (low/med): LOW____ Date Received: 07/11/00_

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	5.2		B	P
7439-89-6	Iron				NR
7439-92-1	Lead	0.80		B	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Building 911

Color Before: COLORLESS Clarity Before: CLEAR__ Texture: _____

Color After: COLORLESS Clarity After: CLEAR__ Artifacts: _____

Comments:

BLDG911_BATHROOM

DATE_REPORTED:_AUGUST_12,_2000

NYSDEC - ASP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

BROOKHAVEN BTH

Lab Name: H2M_LABS,_INC._____ Contract: _____

Lab Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: BNLM097A

Matrix (soil/water): WATER__ Lab Sample ID: 20000711-177

Level (low/med): LOW____ Date Received: 07/11/00_

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	26.4			P
7439-89-6	Iron				NR
7439-92-1	Lead	0.90		B	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Building 371

Color Before: COLORLESS Clarity Before: CLEAR__ Texture: _____

Color After: COLORLESS Clarity After: CLEAR__ Artifacts: _____

Comments:

BROOKHAVEN_HOUSE_BATH

DATE_REPORTED:_AUGUST_12,_2000

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

BLDG535 MEN'SRM

Lab Name: H2M_LABS,_INC._____ Contract: _____

Lab Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: BNLM097A

Matrix (soil/water): WATER__ Lab Sample ID: 20000711-162

Level (low/med): LOW____ Date Received: 07/11/00_

Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	29.5			P
7439-89-6	Iron				NR
7439-92-1	Lead	0.90		B	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Building 535

Color Before: COLORLESS Clarity Before: CLEAR__ Texture: _____

Color After: COLORLESS Clarity After: CLEAR__ Artifacts: _____

Comments:

BLDG535_MEN'S_ROOM

DATE_REPORTED:_AUGUST_12,_2000

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

BLDG703 MEN'SRM

Lab Name: H2M_LABS,_INC. Contract: _____

Lab Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: BNLM097A

Matrix (soil/water): WATER Lab Sample ID: 20000711-163

Level (low/med): LOW Date Received: 07/11/00

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	125			P
7439-89-6	Iron				NR
7439-92-1	Lead	1.0		B	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NP
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Building 703

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

BLDG703_MEN'S_ROOM

DATE_REPORTED:_AUGUST_12,_2000

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

BLDG51 WEST

ab Name: H2M_LABS,_INC. Contract: _____

ab Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: BNLM097A

atrix (soil/water): WATER__ Lab Sample ID: 20000711-160

evel (low/med): LOW____ Date Received: 07/11/00_

Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	3.7	B		P
7439-89-6	Iron				NR
7439-92-1	Lead	1.1	B		F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Building 51W

olor Before: COLORLESS Clarity Before: CLEAR__ Texture: _____

olor After: COLORLESS Clarity After: CLEAR__ Artifacts: _____

omments:

BLDG51_WEST_BATH_ROOM

DATE_REPORTED:_AUGUST_12,_2000

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

BLDG460 KITCH.

Lab Name: H2M_LABS,_INC._____ Contract: _____

Lab Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: BNLM097A

Matrix (soil/water): WATER__ Lab Sample ID: 20000711-161

Level (low/med): LOW____ Date Received: 07/11/00_

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	46.3			P
7439-89-6	Iron				NR
7439-92-1	Lead	1.9		B	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Building 460

Color Before: COLORLESS_ Clarity Before: CLEAR__ Texture: _____

Color After: COLORLESS_ Clarity After: CLEAR__ Artifacts: _____

Comments:

BLDG460_KITCHEN_SINK_____

DATE_REPORTED:_AUGUST_12,_2000_____

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

BLDG306 APT 113D

Lab Name: H2M_LABS,_INC._____ Contract: _____

Lab Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: BNLM097A

Matrix (soil/water): WATER__ Lab Sample ID: 20000711-170

Level (low/med): LOW____ Date Received: 07/11/00_

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L_

Apartment 13

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	20.7	B		P
7439-89-6	Iron				NR
7439-92-1	Lead	2.0	B		F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: COLORLESS_ Clarity Before: CLEAR__ Texture: _____

Color After: COLORLESS_ Clarity After: CLEAR__ Artifacts: _____

Comments:

BLDG306_APT_113D_KITCHEN

DATE_REPORTED:_AUGUST_12,_2000

S 0017

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

BLDG361 APT.A

Lab Name: H2M_LABS,_INC._____ Contract: _____

Lab Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: BNLM097A

Matrix (soil/water): WATER__ Lab Sample ID: 20000711-165

Level (low/med): LOW____ Date Received: 07/11/00_

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	9.4		B	P
7439-89-6	Iron				NR
7439-92-1	Lead	2.3		B	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Apartment 1A

Color Before: COLORLESS Clarity Before: CLEAR__ Texture: _____

Color After: COLORLESS Clarity After: CLEAR__ Artifacts: _____

Comments:

BLDG361_APT.A_KITCHEN

DATE_REPORTED:_AUGUST_12,_2000

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

BLDG351 APT. 6A

Lab Name: H2M_LABS,_INC._____ Contract: _____

Lab Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: BNLM097A

Matrix (soil/water): WATER__ Lab Sample ID: 20000711-168

Level (low/med): LOW____ Date Received: 07/11/00_

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	33.5			P
7439-89-6	Iron				NR
7439-92-1	Lead	2.9		B	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Apartment 6A

Color Before: COLORLESS Clarity Before: CLEAR__ Texture: _____

Color After: COLORLESS Clarity After: CLEAR__ Artifacts: _____

Comments:

BLDG351_APT._6A_KITCHEN

DATE_REPORTED:_AUGUST_12,_2000

S 0023

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

BLDG328 APT.28B

Lab Name: H2M_LABS,_INC._____ Contract: _____

Lab Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: BNLM097A

Matrix (soil/water): WATER__ Lab Sample ID: 20000711-173

Level (low/med): LOW____ Date Received: 07/11/00_

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	19.9		B	P
7439-89-6	Iron				NR
7439-92-1	Lead	3.4			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Apartment 28B

Color Before: COLORLESS Clarity Before: CLEAR__ Texture: _____

Color After: COLORLESS Clarity After: CLEAR__ Artifacts: _____

Comments:

BLDG328_APT._28B_KITCHEN

DATE_REPORTED:_AUGUST_12,_2000

S 0020

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

BLDG359 APT. 5B

Lab Name: H2M_LABS,_INC._____ Contract: _____

Lab Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: BNLM097A

Matrix (soil/water): WATER__ Lab Sample ID: 20000711-167

Level (low/med): LOW____ Date Received: 07/11/00_

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	11.4		B	P
7439-89-6	Iron				NR
7439-92-1	Lead	3.6			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Apartment 5B

Color Before: COLORLESS_ Clarity Before: CLEAR__ Texture: _____

Color After: COLORLESS_ Clarity After: CLEAR__ Artifacts: _____

Comments:

BLDG359_APT._5B_KITCHEN

DATE_REPORTED:_AUGUST_12,_2000

NYSDEC - ASP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

BLDG303 APT.34E

ab Name: H2M_LABS,_INC. Contract: _____

ab Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: BNLM097A

atrix (soil/water): WATER Lab Sample ID: 20000711-174

evel (low/med): LOW Date Received: 07/11/00

Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	28.0			P
7439-89-6	Iron				NR
7439-92-1	Lead	5.0			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Apartment 34E

olor Before: COLORLESS Clarity Before: CLEAR Texture: _____

olor After: COLORLESS Clarity After: CLEAR Artifacts: _____

omments:

BLDG303_APT._34E_KITCHEN

DATE_REPORTED:_AUGUST_12,_2000

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

BLDG324 APT. 9D

Lab Name: H2M_LABS,_INC._____ Contract: _____

Lab Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: BNLM097A

Matrix (soil/water): WATER__ Lab Sample ID: 20000711-169

Level (low/med): LOW____ Date Received: 07/11/00_

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	23.9	B		P
7439-89-6	Iron				NR
7439-92-1	Lead	5.9			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Apartment 9D

Color Before: COLORLESS Clarity Before: CLEAR__ Texture: _____

Color After: COLORLESS Clarity After: CLEAR__ Artifacts: _____

Comments:

BLDG324_APT._9D_BATHROOM

DATE_REPORTED:_AUGUST_12,_2000

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMPTON HSE

Lab Name: H2M_LABS,_INC._____ Contract: _____

Lab Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: BNLM097A

Matrix (soil/water): WATER__ Lab Sample ID: 20000711-179

Level (low/med): LOW____ Date Received: 07/11/00_

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	72.9			P
7439-89-6	Iron				NR
7439-92-1	Lead	7.2			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Building 170

Color Before: COLORLESS Clarity Before: CLEAR__ Texture: _____

Color After: COLORLESS Clarity After: CLEAR__ Artifacts: _____

Comments:

COMPTON_HOUSE_1ST_FLOOR_BATH

DATE_REPORTED:_AUGUST_12,_2000

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

BLDG335 APT.36A

Lab Name: H2M_LABS,_INC._____ Contract: _____

Lab Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: BNLM097A

Matrix (soil/water): WATER__ Lab Sample ID: 20000711-175

Level (low/med): LOW____ Date Received: 07/11/00_

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	56.1			P
7439-89-6	Iron				NR
7439-92-1	Lead	10.1			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Apartment 36A

Color Before: COLORLESS Clarity Before: CLEAR__ Texture: _____

Color After: COLORLESS Clarity After: CLEAR__ Artifacts: _____

Comments:

BLDG335_APT._36A_KITCHEN

DATE_REPORTED:_AUGUST_12,_2000

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

BLDG366 APT.42A

Lab Name: H2M_LABS,_INC._____ Contract: _____

Lab Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: BNLM097A

Matrix (soil/water): WATER__ Lab Sample ID: 20000711-176

Level (low/med): LOW____ Date Received: 07/11/00_

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L__

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	71.2			P
7439-89-6	Iron				NR
7439-92-1	Lead	10.2			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Apartment 42A

Color Before: COLORLESS Clarity Before: CLEAR__ Texture: _____

Color After: COLORLESS Clarity After: CLEAR__ Artifacts: _____

Comments:

BLDG366_APT._42A_KITCHEN

DATE_REPORTED:_AUGUST_12,_2000

S 0026

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

BLDG302 APT.26A

ab Name: H2M_LABS,_INC._____ Contract: _____

ab Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: BNLM097A

atrix (soil/water): WATER__ Lab Sample ID: 20000711-172

evel (low/med): LOW_ ___ Date Received: 07/11/00_

Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	328			P
7439-89-6	Iron				NR
7439-92-1	Lead	16.1			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Apartment 26A

olor Before: COLORLESS_ Clarity Before: CLEAR__ Texture: _____

olor After: COLORLESS_ Clarity After: CLEAR__ Artifacts: _____

omments:

BLDG302_APT._26A_KITCHEN

DATE_REPORTED:_AUGUST_12,_2000

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

BLDG350 APT. 4C

Lab Name: H2M_LABS,_INC._____ Contract: _____

Lab Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: BNLM097A

Matrix (soil/water): WATER__ Lab Sample ID: 20000711-166

Level (low/med): LOW____ Date Received: 07/11/00_

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper	61.1			P
7439-89-6	Iron				NR
7439-92-1	Lead	942			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Apartment 4C

Color Before: COLORLESS Clarity Before: CLEAR__ Texture: _____

Color After: COLORLESS Clarity After: CLEAR__ Artifacts: _____

Comments:

BLDG350_APT._4C_KITCHEN

DATE_REPORTED:_AUGUST_12,_2000

ATTACHMENT IV

Brookhaven National Laboratory
Potable Water Supply

2000 Semi-Annual Inorganic and Nitrate/Nitrite Analyses for the BNL Potable Water Distribution System and Potable Wells

H2M LABS,INC.
75 Broad Hollow Road. Melville, NY 11747-5076
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/TONY ROSS
Federal ID : 5111891
Collected : 06-JUL-2000 13:50
Received : 06-JUL-2000 15:30
Collected By : RL99
Project No : 4469
Copies To : SCHD

Lab No. : 20000706-197

Location: B-185 MENS ROOM

Sample Information...
Type : Potable Water
ROUTINE
Origin: DISTRIBUTION

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
AMMONIA (AS N)	<0.10	mg/L		EPA#350.1	25-JUL-2000
CHLORIDE	16.9	mg/L	250	EPA#325.2	13-JUL-2000
COLOR	5	units	15	EPA#110.2	07-JUL-2000
CONDUCTIVITY	164	umhos/cm		EPA#120.1	21-JUL-2000
DETERGENTS (MBAS)	<0.08	mg/L		EPA#425.1	08-JUL-2000
FLUORIDE	<0.10	mg/L	2.2	EPA#340.2	11-JUL-2000
NITRATE (AS N)	0.54	mg/L	10.0	EPA#353.2	07-JUL-2000
NITRITE (AS N)	<0.1	mg/L	1.0	EPA#353.2	07-JUL-2000
ODOR	0	units	3	EPA#140.1	07-JUL-2000
PH	7.0	units		EPA#150.1	06-JUL-2000
SULFATE	<5.0	mg/L	250	EPA#375.2	20-JUL-2000

Result(s) reported meet(s) NEW YORK STATE/USEPA limits for Potable Water

S 0100

QA/QC

Report for client information only

H2M LABS,INC.
75 Broad Hollow Road, Melville, NY 11747-5076
(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/TONY ROSS
Federal ID : 5111891
Collected : 06-JUL-2000 11:15
Received : 06-JUL-2000 15:30
Collected By : RL99
Project No : 4469
Copies To : SCHD

Lab No. : 20000706-191

Location: WELL-4

Sample Information...
Type : Potable Water
ROUTINE
Origin: RAW WELL

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
AMMONIA (AS N)	<0.10	mg/L		EPA#350.1	25-JUL-2000
CHLORIDE	17.5	mg/L	250	EPA#325.2	13-JUL-2000
* COLOR	* 40	units	15	EPA#110.2	07-JUL-2000
CONDUCTIVITY	105	umhos/cm		EPA#120.1	21-JUL-2000
DETERGENTS (MBAS)	<0.08	mg/L		EPA#425.1	08-JUL-2000
FLUORIDE	<0.10	mg/L	2.2	EPA#340.2	11-JUL-2000
NITRATE (AS N)	0.26	mg/L	10.0	EPA#353.2	07-JUL-2000
NITRITE (AS N)	0.1	mg/L	1.0	EPA#353.2	07-JUL-2000
ODOR	0	units	3	EPA#140.1	07-JUL-2000
PH	6.0	units		EPA#150.1	06-JUL-2000
SULFATE	26.4	mg/L	250	EPA#375.2	20-JUL-2000

1-'*'-Result(s) exceed(s) NEW YORK STATE/USEPA limits for Potable Water

S 0088

Date Issued : 08/14/2000

ORIGINAL

Report for client information only

Laboratory Director

H2M LABS,INC.

LABORATORY RESULTS

575 Broad Hollow Road, Melville, NY 11747-5076
(631)694-3040 . FAX:(631)420-8436 NYSDOH ID# 10478

BROOKHAVEN NATIONAL LAB.-BNLM
70 BELL AVE.
UPTON, NY 11973
Attn To : S. SCARPITTA/TONY ROSS
Federal ID : 5111891
Collected : 06-JUL-2000 11:10
Received : 06-JUL-2000 15:30
Collected By : RL99
Project No : 4469
Copies To : SCHD

Lab No. : 20000706-192

Location: WELL-6

Sample Information...
Type : Potable Water
ROUTINE
Origin: RAW WELL

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
AMMONIA (AS N)	<0.10	mg/L		EPA#350.1	25-JUL-2000
CHLORIDE	12.3	mg/L	250	EPA#325.2	13-JUL-2000
* COLOR	* 50	units	15	EPA#110.2	07-JUL-2000
CONDUCTIVITY	84	umhos/cm		EPA#120.1	21-JUL-2000
DETERGENTS (MBAS)	<0.08	mg/L		EPA#425.1	08-JUL-2000
FLUORIDE	<0.10	mg/L	2.2	EPA#340.2	11-JUL-2000
NITRATE (AS N)	0.20	mg/L	10.0	EPA#353.2	07-JUL-2000
NITRITE (AS N)	0.1	mg/L	1.0	EPA#353.2	07-JUL-2000
ODOR	0	units	3	EPA#140.1	07-JUL-2000
PH	6.0	units		EPA#150.1	06-JUL-2000
SULFATE	16.8	mg/L	250	EPA#375.2	20-JUL-2000

1-'*'-Result(s) exceed(s) NEW YORK STATE/USEPA limits for Potable Water

S 0090

Date Issued : 08/14/2000

ORIGINAL

Report for client information only

Laboratory Director

H2M LABS,INC.
575 Broad Hollow Road, Melville, NY 11747-5076
(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/TONY ROSS
Federal ID : 5111891
Collected : 06-JUL-2000 11:00
Received : 06-JUL-2000 15:30
Collected By : RL99
Project No : 4469
Copies To : SCHD

Lab No. : 20000706-193

Location: WELL-7

Sample Information...
Type : Potable Water
ROUTINE
Origin: RAW WELL

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
AMMONIA (AS N)	<0.10	mg/L		EPA#350.1	25-JUL-2000
CHLORIDE	20.7	mg/L	250	EPA#325.2	13-JUL-2000
* COLOR	* 20	units	15	EPA#110.2	07-JUL-2000
CONDUCTIVITY	116	umhos/cm		EPA#120.1	21-JUL-2000
DETERGENTS (MBAS)	<0.08	mg/L		EPA#425.1	08-JUL-2000
FLUORIDE	<0.10	mg/L	2.2	EPA#340.2	11-JUL-2000
NITRATE (AS N)	0.32	mg/L	10.0	EPA#353.2	07-JUL-2000
NITRITE (AS N)	<0.01	mg/L	1.0	EPA#353.2	07-JUL-2000
ODOR	0	units	3	EPA#140.1	07-JUL-2000
PH	6.0	units		EPA#150.1	06-JUL-2000
SULFATE	<5.0	mg/L	250	EPA#375.2	20-JUL-2000

1 -'*'-Result(s) exceed(s) NEW YORK STATE/USEPA limits for Potable Water

S 0092

Date Issued : 08/14/2000

ORIGINAL

Report for client information only

Laboratory Director

H2M LABS,INC.
575 Broad Hollow Road, Melville, NY 11747-5076
(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/TONY ROSS
Federal ID : 5111891
Collected : 06-JUL-2000 12:50
Received : 06-JUL-2000 15:30
Collected By : RL99
Project No : 4469
Copies To : SCHD

Lab No. : 20000706-194

Location: WELL-10

Sample Information...
Type : Potable Water
ROUTINE
Origin: RAW WELL

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
AMMONIA (AS N)	<0.10	mg/L		EPA#350.1	25-JUL-2000
CHLORIDE	11.0	mg/L	250	EPA#325.2	13-JUL-2000
COLOR	5	units	15	EPA#110.2	07-JUL-2000
CONDUCTIVITY	105	umhos/cm		EPA#120.1	21-JUL-2000
DETERGENTS (MBAS)	<0.08	mg/L		EPA#425.1	08-JUL-2000
FLUORIDE	<0.10	mg/L	2.2	EPA#340.2	11-JUL-2000
NITRATE (AS N)	0.21	mg/L	10.0	EPA#353.2	07-JUL-2000
NITRITE (AS N)	0.02	mg/L	1.0	EPA#353.2	07-JUL-2000
ODOR	0	units	3	EPA#140.1	07-JUL-2000
PH	7.0	units		EPA#150.1	06-JUL-2000
SULFATE	7.7	mg/L	250	EPA#375.2	20-JUL-2000

Result(s) reported meet(s) NEW YORK STATE/USEPA limits for Potable Water

S 0094

Date Issued : 08/14/2000

ORIGINAL

Report for client information only

Laboratory Director

2M LABS,INC.

LABORATORY RESULTS

oad Hollow Road, Melville, NY 11747-5076
94-3040 . FAX:(631)420-8436 NYSDOH ID# 10478

:OOKHAVEN NATIONAL LAB.-BNLM
BELL AVE.
>TON, NY 11973
:tn To : S. SCARPITTA/TONY ROSS
ederal ID : 5111891
ollected : 06-JUL-2000 12:35
eceived : 06-JUL-2000 15:30
ollected By : RL99
roject No : 4469
Copies To : SCHD

Lab No. : 20000706-195

Location: WELL-11

Sample Information...
Type : Potable Water
ROUTINE
Origin: RAW WELL

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
AMMONIA (AS N)	<0.10	mg/L		EPA#350.1	25-JUL-2000
CHLORIDE	21.9	mg/L	250	EPA#325.2	13-JUL-2000
COLOR	<5	units	15	EPA#110.2	07-JUL-2000
CONDUCTIVITY	137	umhos/cm		EPA#120.1	21-JUL-2000
DETERGENTS (MBAS)	<0.08	mg/L		EPA#425.1	08-JUL-2000
FLUORIDE	<0.10	mg/L	2.2	EPA#340.2	11-JUL-2000
NITRATE (AS N)	0.50	mg/L	10.0	EPA#353.2	07-JUL-2000
NITRITE (AS N)	<0.01	mg/L	1.0	EPA#353.2	07-JUL-2000
ODOR	0	units	3	EPA#140.1	07-JUL-2000
PH	6.1	units		EPA#150.1	06-JUL-2000
SULFATE	<5.0	mg/L	250	EPA#375.2	20-JUL-2000

Result(s) reported meet(s) NEW YORK STATE/USEPA limits for Potable Water

S 0096

Date Issued : 08/14/2000

ORIGINAL

Report for client information only

Laboratory Director

H2M LABS,INC.
575 Broad Hollow Road, Melville, NY 11747-5076
(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/TONY ROSS
Federal ID : 5111891
Collected : 06-JUL-2000 11:25
Received : 06-JUL-2000 15:30
Collected By : RL99
Project No : 4469
Copies To : SCHD

Lab No. : 20000706-196

Location: **WELL-12**

Sample Information...
Type : Potable Water
ROUTINE
Origin: RAW WELL

Parameter(s)	Results	Units	Limit	Method Number	Analyzed
AMMONIA (AS N)	<0.10	mg/L		EPA#350.1	25-JUL-2000
CHLORIDE	12.3	mg/L	250	EPA#325.2	13-JUL-2000
COLOR	<5	units	15	EPA#110.2	07-JUL-2000
CONDUCTIVITY	112	umhos/cm		EPA#120.1	21-JUL-2000
DETERGENTS (MBAS)	<0.08	mg/L		EPA#425.1	08-JUL-2000
FLUORIDE	<0.10	mg/L	2.2	EPA#340.2	11-JUL-2000
NITRATE (AS N)	0.41	mg/L	10.0	EPA#353.2	07-JUL-2000
NITRITE (AS N)	<0.01	mg/L	1.0	EPA#353.2	07-JUL-2000
ODOR	0	units	3	EPA#140.1	07-JUL-2000
PH	7.0	units		EPA#150.1	06-JUL-2000
SULFATE	<5.0	mg/L	250	EPA#375.2	20-JUL-2000

Result(s) reported meet(s) NEW YORK STATE/USEPA limits for Potable Water

S 0098

Date Issued : 08/14/2000

ORIGINAL

Report for client information only

Laboratory Director

NYSDEC - ASP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

B-185_MEN'S_RM

Lab Name: H2M_LABS,_INC._____ Contract: _____

Lab Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: BNLM097

Matrix (soil/water): WATER__ Lab Sample ID: 20000706-197

Level (low/med): LOW____ Date Received: 07/06/00_

% Solids: _____.

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony	0.80	U		F
7440-38-2	Arsenic	0.80	U		F
7440-39-3	Barium	23.4	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	2.3	B		P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron	354			P
7439-92-1	Lead	2.2	B		F
7439-95-4	Magnesium				NR
7439-96-5	Manganese	195			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	3.7	B		P
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.70	U		F
7440-22-4	Silver				NR
7440-23-5	Sodium	22200			P
7440-28-0	Thallium	0.50	B		F
7440-62-2	Vanadium				NR
7440-66-6	Zinc	31.3			P
	Cyanide	10.0	U		CA

Color Before: COLORLESS Clarity Before: CLEAR__ Texture: _____

Color After: COLORLESS Clarity After: CLEAR__ Artifacts: _____

Comments:

DATE_REPORTED:_AUGUST_12,_2000_____

NYSDEC - ASP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

WELL_4

ab Name: H2M_LABS,_INC._____ Contract: _____

ab Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: BNLM097

atrix (soil/water): WATER__ Lab Sample ID: 20000706-191

evel (low/med): LOW____ Date Received: 07/06/00_

Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony	0.80	U		F
7440-38-2	Arsenic	1.8	B		F
7440-39-3	Barium	25.5	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	2.4	B		P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron	6380			P
7439-92-1	Lead	1.3	B		F
7439-95-4	Magnesium				NR
7439-96-5	Manganese	170			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	2.0	U		P
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.0	B	W	F
7440-22-4	Silver				NR
7440-23-5	Sodium	12400			P
7440-28-0	Thallium	0.70	B		F
7440-62-2	Vanadium				NR
7440-66-6	Zinc	5.3	B		P
	Cyanide	10.0	U		CA

Color Before: COLORLESS_ Clarity Before: CLEAR__ Texture: _____

olor After: COLORLESS_ Clarity After: CLEAR__ Artifacts: _____

Comments:
DATE_REPORTED:_AUGUST_12,_2000

S 0087

NYSDEC - ASP
1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

WELL_6

Lab Name: H2M_LABS,_INC._____ Contract: _____

Lab Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: BNLM097

Matrix (soil/water): WATER__ Lab Sample ID: 20000706-192

Level (low/med): LOW____ Date Received: 07/06/00_

Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony	0.80	U		F
7440-38-2	Arsenic	0.80	B		F
7440-39-3	Barium	21.1	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	1.8	B		P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron	4630			P
7439-92-1	Lead	3.6			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese	78.9			P
7439-97-6	Mercury	0.10	J		CV
7440-02-0	Nickel	4.6	B		P
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.70	U		F
7440-22-4	Silver				NR
7440-23-5	Sodium	8880			P
7440-28-0	Thallium	0.50	U		F
7440-62-2	Vanadium				NR
7440-66-6	Zinc	15.5	B		P
	Cyanide	10.0	U		CA

Color Before: COLORLESS_ Clarity Before: CLEAR__ Texture: _____

Color After: COLORLESS_ Clarity After: CLEAR__ Artifacts: _____

Comments:

DATE_REPORTED:_AUGUST_12,_2000_____

S 0089

NYSDEC - ASP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

WELL_7

Lab Name: H2M_LABS,_INC._____ Contract: _____

Lab Code: H2MLAB_ Case No.: _____ SAS No.: _____ SDG No.: BNLM097

Matrix (soil/water): WATER__ Lab Sample ID: 20000706-193

Level (low/med): LOW____ Date Received: 07/06/00_

Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L__

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony	0.80	U		F
7440-38-2	Arsenic	1.1	B		F
7440-39-3	Barium	19.5	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	1.6	U		P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron	1560			P
7439-92-1	Lead	0.50	U		F
7439-95-4	Magnesium				NR
7439-96-5	Manganese	58.5			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	2.5	B		P
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.70	U		F
7440-22-4	Silver				NR
7440-23-5	Sodium	11600			P
7440-28-0	Thallium	0.50	U		F
7440-62-2	Vanadium				NR
7440-66-6	Zinc	4.9	B		P
	Cyanide	10.0	U		CA

Color Before: COLORLESS_ Clarity Before: CLEAR__ Texture: _____

Color After: COLORLESS_ Clarity After: CLEAR__ Artifacts: _____

Comments:
DATE_REPORTED:_AUGUST_12,_2000

S 0091

NYSDEC - ASP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
WELL_10

Lab Name: H2M_LABS,_INC._____ Contract: _____

Lab Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: BNLM097

Matrix (soil/water): WATER__ Lab Sample ID: 20000706-194

Level (low/med): LOW____ Date Received: 07/06/00_

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L__

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony	0.80	U		F
7440-38-2	Arsenic	0.80	U		F
7440-39-3	Barium	16.8	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	1.6	U		P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron	335			P
7439-92-1	Lead	2.1	B		F
7439-95-4	Magnesium				NR
7439-96-5	Manganese	10.7	B		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	2.0	U		P
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.70	U		F
7440-22-4	Silver				NR
7440-23-5	Sodium	13400			P
7440-28-0	Thallium	0.50	U		F
7440-62-2	Vanadium				NR
7440-66-6	Zinc	18.2	B		P
	Cyanide	10.0	U		CA

Color Before: COLORLESS Clarity Before: CLEAR__ Texture: _____

Color After: COLORLESS Clarity After: CLEAR__ Artifacts: _____

Comments:
DATE_REPORTED:_AUGUST_12,_2000_____

S 0093

NYSDEC - ASP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

WELL_11

Lab Name: H2M_LABS,_INC._____ Contract: _____

Lab Code: H2MLAB Case No.: _____ SAS No.: _____ SDG No.: BNLM097

Matrix (soil/water): WATER__ Lab Sample ID: 20000706-195

Level (low/med): LOW____ Date Received: 07/06/00_

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony	0.80	U		F
7440-38-2	Arsenic	0.80	U		F
7440-39-3	Barium	32.1	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	1.6	U		P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron	14.3	B		P
7439-92-1	Lead	0.80	B		F
7439-95-4	Magnesium				NR
7439-96-5	Manganese	0.56	B		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	2.0	U		P
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.70	U	W	F
7440-22-4	Silver				NR
7440-23-5	Sodium	14400			P
7440-28-0	Thallium	0.60	B		F
7440-62-2	Vanadium				NR
7440-66-6	Zinc	5.3	B		P
	Cyanide	10.0	U		CA

Color Before: COLORLESS_ Clarity Before: CLEAR__ Texture: _____

Color After: COLORLESS_ Clarity After: CLEAR__ Artifacts: _____

Comments:

DATE_REPORTED:_AUGUST_12,_2000_____

S 0095

NYSDEC - ASP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

WELL_12

Lab Name: H2M_LABS,_INC._____ Contract: _____

Lab Code: H2MLAB_ Case No.: _____ SAS No.: _____ SDG No.: BNLM097

Matrix (soil/water): WATER__ Lab Sample ID: 20000706-196

Level (low/med): LOW____ Date Received: 07/06/00_

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony	0.80	U		F
7440-38-2	Arsenic	0.80	U		F
7440-39-3	Barium	18.2	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	1.6	U		P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron	20.9	B		P
7439-92-1	Lead	0.50	U		F
7439-95-4	Magnesium				NR
7439-96-5	Manganese	0.50	U		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	2.0	U		P
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.70	U		F
7440-22-4	Silver				NR
7440-23-5	Sodium	11500			P
7440-28-0	Thallium	0.80	B		F
7440-62-2	Vanadium				NR
7440-66-6	Zinc	1.7	B		P
	Cyanide	10.0	U		CA

Color Before: COLORLESS_ Clarity Before: CLEAR__ Texture: _____

Color After: COLORLESS_ Clarity After: CLEAR__ Artifacts: _____

Comments:

DATE_REPORTED:_AUGUST_12,_2000_____

ATTACHMENT V

Brookhaven National Laboratory
Potable Water Supply

2000 Third Quarter Principal Organic Compound Analyses for the BNL Potable Water Distribution System and Potable Water Wells

H2M LABS,INC.

LABORATORY RESULTS

575 Broad Hollow Road, Melville, NY 11747-5076
(631)694-3040 . FAX:(631)420-8436 NYSDOH ID# 10478

BROOKHAVEN NATIONAL LAB.-BNLM
70 BELL AVE.
UPTON, NY 11973
Attn To : S. SCARPITTA/TONY ROSS
Federal ID : 5111891
Collected : 06-JUL-2000 11:45
Received : 06-JUL-2000 15:30
Collected By : RL99
Project No : 4469
Copies To : SCHD

Lab No. : 20000706-157

Location: BUILDING 624-WTP

Sample Information...
Type : Potable Water
ROUTINE
Origin: TREATED WELL

VOLATILE ORGANICS (METHOD 502.2) – ug/L

Run Number : 2649
Date Analyzed : 17-JUL-2000

Parameter(s)	Results	Limit	Parameter(s)	Results	Limit
DICHLORODIFLUOROMETHANE	<0.5	5.0	1,2,3-TRICHLOROPROPANE	<0.5	5.0
CHLOROMETHANE	<0.5	5.0	2-CHLOROTOLUENE	<0.5	5.0
VINYL CHLORIDE	<0.5	2.0	4-CHLOROTOLUENE	<0.5	5.0
BROMOMETHANE	<0.5	5.0	M-DICHLOROBENZENE	<0.5	5.0
CHLOROETHANE	<0.5	5.0	P-DICHLOROBENZENE	<0.5	5.0
FLUOROTRICHLOROMETHANE	<0.5	5.0	O-DICHLOROBENZENE	<0.5	5.0
1,1-DICHLOROETHENE	<0.5	5.0	1,2,4-TRICHLOROBENZENE	<0.5	5.0
METHYLENE CHLORIDE	<0.5	5.0	HEXACHLOROBUTADIENE	<0.5	5.0
TRANS-1,2-DICHLOROETHENE	<0.5	5.0	1,2,3-TRICHLOROBENZENE	<0.5	5.0
1,1-DICHLOROETHANE	<0.5	5.0	BENZENE	<0.5	5.0
CIS-1,2-DICHLOROETHENE	<0.5	5.0	TOLUENE	<0.5	5.0
2,2-DICHLOROPROPANE	<0.5	5.0	ETHYLBENZENE	<0.5	5.0
BROMOCHLOROMETHANE	<0.5	5.0	1,3-XYLENE	<0.5	5.0
CHLOROFORM	1.3	50	1,4-XYLENE	<0.5	5.0
1,1,1-TRICHLOROETHANE	<0.5	5.0	1,2-XYLENE	<0.5	5.0
CARBON TETRACHLORIDE	<0.5	5.0	STYRENE	<0.5	5.0
1,1-DICHLOROPROPENE	<0.5	5.0	ISOPROPYLBENZENE(CUMENE)	<0.5	5.0
1,2-DICHLOROETHANE	<0.5	5.0	N-PROPYLBENZENE	<0.5	5.0
TRICHLOROETHENE	<0.5	5.0	1,3,5-TRIMETHYLBENZENE	<0.5	5.0
1,2-DICHLOROPROPANE	<0.5	5.0	TERT-BUTYLBENZENE	<0.5	5.0
DIBROMOMETHANE	<0.5	5.0	1,2,4-TRIMETHYLBENZENE	<0.5	5.0
BROMODICHLOROMETHANE	2.0	50	SEC-BUTYLBENZENE	<0.5	5.0
TRANS-1,3-DICHLOROPROPENE	<0.5	5.0	P-ISOPROPYLTOLUENE	<0.5	5.0
CIS-1,3-DICHLOROPROPENE	<0.5	5.0	N-BUTYLBENZENE	<0.5	5.0
1,1,2-TRICHLOROETHANE	<0.5	5.0	METHYL TERT. BUTYL ETHER	<0.5	50
TETRACHLOROETHENE	<0.5	5.0			
1,3-DICHLOROPROPANE	<0.5	5.0			
CHLORODIBROMOMETHANE	1.0	50			
CHLOROBENZENE	<0.5	5.0			
1,1,1,2-TETRACHLOROETHANE	<0.5	5.0			
BROMOFORM	<0.5	50			
BROMOBENZENE	<0.5	5.0			
1,1,2,2-TETRACHLOROETHANE	<0.5	5.0			

S 0043

Result(s) reported meet(s) NEW YORK STATE/USEPA limits for Potable Water

Date Issued : 08/16/2000

ORIGINAL

Report for client information only

Joann M. Slavin
Laboratory Director

H2M LABS,INC.

LABORATORY RESULTS

575 Broad Hollow Road, Melville, NY 11747-5076
(631)694-3040 . FAX:(631)420-8436 NYSDOH ID# 10478

BROOKHAVEN NATIONAL LAB.-BNLM
70 BELL AVE.
UPTON, NY 11973
Attn To : S. SCARPITTA/TONY ROSS
Federal ID : 5111891
Collected : 06-JUL-2000 07:50
Received : 06-JUL-2000 15:30
Collected By : RL99
Project No : 4469
Copies To : SCHD

Lab No. : 20000706-158

Location: WELL 4 (RAW)

Sample Information...
Type : Potable Water
ROUTINE
Origin: RAW WELL

VOLATILE ORGANICS (METHOD 502.2) - ug/L

Run Number : 2650
Date Analyzed : 18-JUL-2000

Parameter(s)	Results	Limit	Parameter(s)	Results	Limit
DICHLORODIFLUOROMETHANE	<0.5	5.0	1,2,3-TRICHLOROPROPANE	<0.5	5.0
CHLOROMETHANE	<0.5	5.0	2-CHLOROTOLUENE	<0.5	5.0
VINYL CHLORIDE	<0.5	2.0	4-CHLOROTOLUENE	<0.5	5.0
BROMOMETHANE	<0.5	5.0	M-DICHLOROBENZENE	<0.5	5.0
CHLOROETHANE	<0.5	5.0	P-DICHLOROBENZENE	<0.5	5.0
FLUOROTRICHLOROMETHANE	<0.5	5.0	O-DICHLOROBENZENE	<0.5	5.0
1,1-DICHLOROETHENE	<0.5	5.0	1,2,4-TRICHLOROBENZENE	<0.5	5.0
METHYLENE CHLORIDE	<0.5	5.0	HEXACHLOROBUTADIENE	<0.5	5.0
TRANS-1,2-DICHLOROETHENE	<0.5	5.0	1,2,3-TRICHLOROBENZENE	<0.5	5.0
1,1-DICHLOROETHANE	<0.5	5.0	BENZENE	<0.5	5.0
CIS-1,2-DICHLOROETHENE	<0.5	5.0	TOLUENE	<0.5	5.0
2,2-DICHLOROPROPANE	<0.5	5.0	ETHYLBENZENE	<0.5	5.0
BROMOCHLOROMETHANE	<0.5	5.0	1,3-XYLENE	<0.5	5.0
CHLOROFORM	0.9	50	1,4-XYLENE	<0.5	5.0
1,1,1-TRICHLOROETHANE	<0.5	5.0	1,2-XYLENE	<0.5	5.0
CARBON TETRACHLORIDE	<0.5	5.0	STYRENE	<0.5	5.0
1,1-DICHLOROPROPENE	<0.5	5.0	ISOPROPYLBENZENE(CUMENE)	<0.5	5.0
1,2-DICHLOROETHANE	<0.5	5.0	N-PROPYLBENZENE	<0.5	5.0
TRICHLOROETHENE	<0.5	5.0	1,3,5-TRIMETHYLBENZENE	<0.5	5.0
1,2-DICHLOROPROPANE	<0.5	5.0	TERT-BUTYLBENZENE	<0.5	5.0
DIBROMOMETHANE	<0.5	5.0	1,2,4-TRIMETHYLBENZENE	<0.5	5.0
BROMODICHLOROMETHANE	<0.5	50	SEC-BUTYLBENZENE	<0.5	5.0
TRANS-1,3-DICHLOROPROPENE	<0.5	5.0	P-ISOPROPYLTOLUENE	<0.5	5.0
CIS-1,3-DICHLOROPROPENE	<0.5	5.0	N-BUTYLBENZENE	<0.5	5.0
1,1,2-TRICHLOROETHANE	<0.5	5.0	METHYL TERT. BUTYL ETHER	<0.5	50
TETRACHLOROETHENE	<0.5	5.0			
1,3-DICHLOROPROPANE	<0.5	5.0			
CHLORODIBROMOMETHANE	<0.5	50			
CHLOROBENZENE	<0.5	5.0			
1,1,1,2-TETRACHLOROETHANE	<0.5	5.0			
BROMOFORM	<0.5	50			
BROMOBENZENE	<0.5	5.0			
1,1,2,2-TETRACHLOROETHANE	<0.5	5.0			

Result(s) reported meet(s) NEW YORK STATE/USEPA limits for Potable Water

S 0044

Date Issued : 08/16/2000

ORIGINAL

Report for client information only

Joann M. Slavin

Laboratory Director

H2M LABS,INC.

LABORATORY RESULTS

575 Broad Hollow Road, Melville, NY 11747-5076
(631)694-3040 . FAX:(631)420-8436 NYSDOH ID# 10478

BROOKHAVEN NATIONAL LAB.-BNLM
70 BELL AVE.
UPTON, NY 11973
Attn To : S. SCARPITTA/TONY ROSS
Federal ID : 5111891
Collected : 06-JUL-2000 07:40
Received : 06-JUL-2000 15:30
Collected By : RL99
Project No : 4469
Copies To : SCHD

Lab No. : 20000706-159

Location: WELL 6 (RAW)

Sample Information...
Type : Potable Water
ROUTINE
Origin: RAW WELL

VOLATILE ORGANICS (METHOD 502.2) - ug/L

Run Number : 2651
Date Analyzed : 18-JUL-2000

Parameter(s)	Results	Limit	Parameter(s)	Results	Limit
DICHLORODIFLUOROMETHANE	<0.5	5.0	1,2,3-TRICHLOROPROPANE	<0.5	5.0
CHLOROMETHANE	<0.5	5.0	2-CHLOROTOLUENE	<0.5	5.0
VINYL CHLORIDE	<0.5	2.0	4-CHLOROTOLUENE	<0.5	5.0
BROMOMETHANE	<0.5	5.0	M-DICHLOROBENZENE	<0.5	5.0
CHLOROETHANE	<0.5	5.0	P-DICHLOROBENZENE	<0.5	5.0
FLUOROTRICHLOROMETHANE	<0.5	5.0	O-DICHLOROBENZENE	<0.5	5.0
1,1-DICHLOROETHENE	<0.5	5.0	1,2,4-TRICHLOROBENZENE	<0.5	5.0
METHYLENE CHLORIDE	<0.5	5.0	HEXACHLOROBUTADIENE	<0.5	5.0
TRANS-1,2-DICHLOROETHENE	<0.5	5.0	1,2,3-TRICHLOROBENZENE	<0.5	5.0
1,1-DICHLOROETHANE	<0.5	5.0	BENZENE	<0.5	5.0
CIS-1,2-DICHLOROETHENE	<0.5	5.0	TOLUENE	<0.5	5.0
2,2-DICHLOROPROPANE	<0.5	5.0	ETHYLBENZENE	<0.5	5.0
BROMOCHLOROMETHANE	<0.5	5.0	1,3-XYLENE	<0.5	5.0
CHLOROFORM	<0.5	50	1,4-XYLENE	<0.5	5.0
1,1,1-TRICHLOROETHANE	<0.5	5.0	1,2-XYLENE	<0.5	5.0
CARBON TETRACHLORIDE	<0.5	5.0	STYRENE	<0.5	5.0
1,1-DICHLOROPROPENE	<0.5	5.0	ISOPROPYLBENZENE(CUMENE)	<0.5	5.0
1,2-DICHLOROETHANE	<0.5	5.0	N-PROPYLBENZENE	<0.5	5.0
TRICHLOROETHENE	<0.5	5.0	1,3,5-TRIMETHYLBENZENE	<0.5	5.0
1,2-DICHLOROPROPANE	<0.5	5.0	TERT-BUTYLBENZENE	<0.5	5.0
DIBROMOMETHANE	<0.5	5.0	1,2,4-TRIMETHYLBENZENE	<0.5	5.0
BROMODICHLOROMETHANE	<0.5	50	SEC-BUTYLBENZENE	<0.5	5.0
TRANS-1,3-DICHLOROPROPENE	<0.5	5.0	P-ISOPROPYLTOLUENE	<0.5	5.0
CIS-1,3-DICHLOROPROPENE	<0.5	5.0	N-BUTYLBENZENE	<0.5	5.0
1,1,2-TRICHLOROETHANE	<0.5	5.0	METHYL TERT. BUTYL ETHER	<0.5	50
TETRACHLOROETHENE	<0.5	5.0			
1,3-DICHLOROPROPANE	<0.5	5.0			
CHLORODIBROMOMETHANE	<0.5	50			
CHLOROBENZENE	<0.5	5.0			
1,1,1,2-TETRACHLOROETHANE	<0.5	5.0			
BROMOFORM	<0.5	50			
BROMOBENZENE	<0.5	5.0			
1,1,2,2-TETRACHLOROETHANE	<0.5	5.0			

Result(s) reported meet(s) NEW YORK STATE/USEPA limits for Potable Water

S 0048

Date Issued : 08/16/2000

ORIGINAL

Report for client information only

Joann M. Slavin
Laboratory Director

H2M LABS, INC.

LABORATORY RESULTS

575 Broad Hollow Road, Melville, NY 11747-5076
(631)694-3040 . FAX:(631)420-8436 NYSDOH ID# 10478

BROOKHAVEN NATIONAL LAB.-BNLM
70 BELL AVE.
UPTON, NY 11973
Attn To : S. SCARPITTA/TONY ROSS
Federal ID : 5111891
Collected : 06-JUL-2000 07:30
Received : 06-JUL-2000 15:30
Collected By : RL99
Project No : 4469
Copies To : SCHD

Lab No. : 20000706-160

Location: WELL 7(RAW)

Sample Information...
Type : Potable Water
ROUTINE
Origin: RAW WELL

VOLATILE ORGANICS (METHOD 502.2) - ug/L

Run Number : 2652
Date Analyzed : 18-JUL-2000

Parameter(s)	Results	Limit	Parameter(s)	Results	Limit
DICHLORODIFLUOROMETHANE	<0.5	5.0	1,2,3-TRICHLOROPROPANE	<0.5	5.0
CHLOROMETHANE	<0.5	5.0	2-CHLOROTOLUENE	<0.5	5.0
VINYL CHLORIDE	<0.5	2.0	4-CHLOROTOLUENE	<0.5	5.0
BROMOMETHANE	<0.5	5.0	M-DICHLOROBENZENE	<0.5	5.0
CHLOROETHANE	<0.5	5.0	P-DICHLOROBENZENE	<0.5	5.0
FLUOROTRICHLOROMETHANE	<0.5	5.0	O-DICHLOROBENZENE	<0.5	5.0
1,1-DICHLOROETHENE	<0.5	5.0	1,2,4-TRICHLOROBENZENE	<0.5	5.0
METHYLENE CHLORIDE	<0.5	5.0	HEXACHLOROBUTADIENE	<0.5	5.0
TRANS-1,2-DICHLOROETHENE	<0.5	5.0	1,2,3-TRICHLOROBENZENE	<0.5	5.0
1,1-DICHLOROETHANE	<0.5	5.0	BENZENE	<0.5	5.0
CIS-1,2-DICHLOROETHENE	<0.5	5.0	TOLUENE	<0.5	5.0
2,2-DICHLOROPROPANE	<0.5	5.0	ETHYLBENZENE	<0.5	5.0
BROMOCHLOROMETHANE	<0.5	5.0	1,3-XYLENE	<0.5	5.0
CHLOROFORM	2.0	50	1,4-XYLENE	<0.5	5.0
1,1,1-TRICHLOROETHANE	<0.5	5.0	1,2-XYLENE	<0.5	5.0
CARBON TETRACHLORIDE	<0.5	5.0	STYRENE	<0.5	5.0
1,1-DICHLOROPROPENE	<0.5	5.0	ISOPROPYLBENZENE(CUMENE)	<0.5	5.0
1,2-DICHLOROETHANE	<0.5	5.0	N-PROPYLBENZENE	<0.5	5.0
TRICHLOROETHENE	<0.5	5.0	1,3,5-TRIMETHYLBENZENE	<0.5	5.0
1,2-DICHLOROPROPANE	<0.5	5.0	TERT-BUTYLBENZENE	<0.5	5.0
DIBROMOMETHANE	<0.5	5.0	1,2,4-TRIMETHYLBENZENE	<0.5	5.0
BROMODICHLOROMETHANE	<0.5	50	SEC-BUTYLBENZENE	<0.5	5.0
TRANS-1,3-DICHLOROPROPENE	<0.5	5.0	P-ISOPROPYLTOLUENE	<0.5	5.0
CIS-1,3-DICHLOROPROPENE	<0.5	5.0	N-BUTYLBENZENE	<0.5	5.0
1,1,2-TRICHLOROETHANE	<0.5	5.0	METHYL TERT. BUTYL ETHER	<0.5	50
TETRACHLOROETHENE	<0.5	5.0			
1,3-DICHLOROPROPANE	<0.5	5.0			
CHLORODIBROMOMETHANE	<0.5	50			
CHLOROBENZENE	<0.5	5.0			
1,1,1,2-TETRACHLOROETHANE	<0.5	5.0			
BROMOFORM	<0.5	50			
BROMOBENZENE	<0.5	5.0			
1,1,2,2-TETRACHLOROETHANE	<0.5	5.0			

Result(s) reported meet(s) NEW YORK STATE/USEPA limits for Potable Water

S 0052

Date Issued : 08/16/2000

ORIGINAL

Report for client information only

Joann M. Slavin
Laboratory Director

H2M LABS,INC.

LABORATORY RESULTS

575 Broad Hollow Road, Melville, NY 11747-5076
(631)694-3040 . FAX:(631)420-8436 NYSDOH ID# 10478

BROOKHAVEN NATIONAL LAB.-BNLM
70 BELL AVE.
UPTON, NY 11973
Attn To : S. SCARPITTA/TONY ROSS
Federal ID : 5111891
Collected : 06-JUL-2000 07:15
Received : 06-JUL-2000 15:30
Collected By : RL99
Project No : 4469
Copies To : SCHD

Lab No. : 20000706-161

Location: WELL 10 (RAW)

Sample Information...
Type : Potable Water
ROUTINE
Origin: RAW WELL

VOLATILE ORGANICS (METHOD 502.2) - ug/L

Run Number : 2653
Date Analyzed : 18-JUL-2000

Parameter(s)	Results	Limit	Parameter(s)	Results	Limit
DICHLORODIFLUOROMETHANE	<0.5	5.0	1,2,3-TRICHLOROPROPANE	<0.5	5.0
CHLOROMETHANE	<0.5	5.0	2-CHLOROTOLUENE	<0.5	5.0
VINYL CHLORIDE	<0.5	2.0	4-CHLOROTOLUENE	<0.5	5.0
BROMOMETHANE	<0.5	5.0	M-DICHLOROBENZENE	<0.5	5.0
CHLOROETHANE	<0.5	5.0	P-DICHLOROBENZENE	<0.5	5.0
FLUOROTRICHLOROMETHANE	<0.5	5.0	O-DICHLOROBENZENE	<0.5	5.0
1,1-DICHLOROETHENE	<0.5	5.0	1,2,4-TRICHLOROBENZENE	<0.5	5.0
METHYLENE CHLORIDE	<0.5	5.0	HEXACHLOROBUTADIENE	<0.5	5.0
TRANS-1,2-DICHLOROETHENE	<0.5	5.0	1,2,3-TRICHLOROBENZENE	<0.5	5.0
1,1-DICHLOROETHANE	<0.5	5.0	BENZENE	<0.5	5.0
CIS-1,2-DICHLOROETHENE	<0.5	5.0	TOLUENE	<0.5	5.0
2,2-DICHLOROPROPANE	<0.5	5.0	ETHYLBENZENE	<0.5	5.0
BROMOCHLOROMETHANE	<0.5	5.0	1,3-XYLENE	<0.5	5.0
CHLOROFORM	1.2	50	1,4-XYLENE	<0.5	5.0
1,1,1-TRICHLOROETHANE	0.5	5.0	1,2-XYLENE	<0.5	5.0
CARBON TETRACHLORIDE	<0.5	5.0	STYRENE	<0.5	5.0
1,1-DICHLOROPROPENE	<0.5	5.0	ISOPROPYLBENZENE(CUMENE)	<0.5	5.0
1,2-DICHLOROETHANE	<0.5	5.0	N-PROPYLBENZENE	<0.5	5.0
TRICHLOROETHENE	<0.5	5.0	1,3,5-TRIMETHYLBENZENE	<0.5	5.0
1,2-DICHLOROPROPANE	<0.5	5.0	TERT-BUTYLBENZENE	<0.5	5.0
DIBROMOMETHANE	<0.5	5.0	1,2,4-TRIMETHYLBENZENE	<0.5	5.0
BROMODICHLOROMETHANE	1.1	50	SEC-BUTYLBENZENE	<0.5	5.0
TRANS-1,3-DICHLOROPROPENE	<0.5	5.0	P-ISOPROPYLTOLUENE	<0.5	5.0
CIS-1,3-DICHLOROPROPENE	<0.5	5.0	N-BUTYLBENZENE	<0.5	5.0
1,1,2-TRICHLOROETHANE	<0.5	5.0	METHYL TERT. BUTYL ETHER	<0.5	50
TETRACHLOROETHENE	<0.5	5.0			
1,3-DICHLOROPROPANE	<0.5	5.0			
CHLORODIBROMOMETHANE	1.0	50			
CHLOROBENZENE	<0.5	5.0			
1,1,1,2-TETRACHLOROETHANE	<0.5	5.0			
BROMOFORM	<0.5	50			
BROMOBENZENE	<0.5	5.0			
1,1,2,2-TETRACHLOROETHANE	<0.5	5.0			

Result(s) reported meet(s) NEW YORK STATE/USEPA limits for Potable Water

S 0056

Date Issued : 08/16/2000

ORIGINAL

Report for client information only

Joann M. Slavin

Laboratory Director

H2M LABS, INC.

LABORATORY RESULTS

575 Broad Hollow Road, Melville, NY 11747-5076
(631)694-3040 . FAX:(631)420-8436 NYSDOH ID# 10478

BROOKHAVEN NATIONAL LAB.-BNLM
70 BELL AVE.
UPTON, NY 11973
Attn To : S. SCARPITTA/TONY ROSS
Federal ID : 5111891
Collected : 06-JUL-2000 07:15
Received : 06-JUL-2000 15:30
Collected By : RL99
Project No : 4469
Copies To : SCHD

Lab No. : 20000706-162

Location: WELL 10 (TREATED)

Sample Information...
Type : Potable Water
ROUTINE
Origin: TREATED WELL

VOLATILE ORGANICS (METHOD 502.2) - ug/L

Run Number : 2654
Date Analyzed : 18-JUL-2000

Parameter(s)	Results	Limit	Parameter(s)	Results	Limit
DICHLORODIFLUOROMETHANE	<0.5	5.0	1,2,3-TRICHLOROPROPANE	<0.5	5.0
CHLOROMETHANE	<0.5	5.0	2-CHLOROTOLUENE	<0.5	5.0
VINYL CHLORIDE	<0.5	2.0	4-CHLOROTOLUENE	<0.5	5.0
BROMOMETHANE	<0.5	5.0	M-DICHLOROBENZENE	<0.5	5.0
CHLOROETHANE	<0.5	5.0	P-DICHLOROBENZENE	<0.5	5.0
FLUOROTRICHLOROMETHANE	<0.5	5.0	O-DICHLOROBENZENE	<0.5	5.0
1,1-DICHLOROETHENE	<0.5	5.0	1,2,4-TRICHLOROBENZENE	<0.5	5.0
METHYLENE CHLORIDE	<0.5	5.0	HEXACHLOROBUTADIENE	<0.5	5.0
TRANS-1,2-DICHLOROETHENE	<0.5	5.0	1,2,3-TRICHLOROBENZENE	<0.5	5.0
1,1-DICHLOROETHANE	<0.5	5.0	BENZENE	<0.5	5.0
CIS-1,2-DICHLOROETHENE	<0.5	5.0	TOLUENE	<0.5	5.0
2,2-DICHLOROPROPANE	<0.5	5.0	ETHYLBENZENE	<0.5	5.0
BROMOCHLOROMETHANE	<0.5	5.0	1,3-XYLENE	<0.5	5.0
CHLOROFORM	0.6	50	1,4-XYLENE	<0.5	5.0
1,1,1-TRICHLOROETHANE	0.5	5.0	1,2-XYLENE	<0.5	5.0
CARBON TETRACHLORIDE	<0.5	5.0	STYRENE	<0.5	5.0
1,1-DICHLOROPROPENE	<0.5	5.0	ISOPROPYLBENZENE(CUMENE)	<0.5	5.0
1,2-DICHLOROETHANE	<0.5	5.0	N-PROPYLBENZENE	<0.5	5.0
TRICHLOROETHENE	<0.5	5.0	1,3,5-TRIMETHYLBENZENE	<0.5	5.0
1,2-DICHLOROPROPANE	<0.5	5.0	TERT-BUTYLBENZENE	<0.5	5.0
DIBROMOMETHANE	<0.5	5.0	1,2,4-TRIMETHYLBENZENE	<0.5	5.0
BROMODICHLOROMETHANE	<0.5	50	SEC-BUTYLBENZENE	<0.5	5.0
TRANS-1,3-DICHLOROPROPENE	<0.5	5.0	P-ISOPROPYLTOLUENE	<0.5	5.0
CIS-1,3-DICHLOROPROPENE	<0.5	5.0	N-BUTYLBENZENE	<0.5	5.0
1,1,2-TRICHLOROETHANE	<0.5	5.0	METHYL TERT. BUTYL ETHER	<0.5	50
TETRACHLOROETHENE	<0.5	5.0			
1,3-DICHLOROPROPANE	<0.5	5.0			
CHLORODIBROMOMETHANE	<0.5	50			
CHLOROBENZENE	<0.5	5.0			
1,1,1,2-TETRACHLOROETHANE	<0.5	5.0			
BROMOFORM	<0.5	50			
BROMOBENZENE	<0.5	5.0			
1,1,2,2-TETRACHLOROETHANE	<0.5	5.0			

S 0060

Result(s) reported meet(s) NEW YORK STATE/USEPA limits for Potable Water

Date Issued : 08/16/2000

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H2M LABS,INC.
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(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/TONY ROSS
Federal ID : 5111891
Collected : 06-JUL-2000 07:00
Received : 06-JUL-2000 15:30
Collected By : RL99
Project No : 4469
Copies To : SCHD

Lab No. : 20000706-163

Location: WELL 11 (RAW)

Sample Information...
Type : Potable Water
ROUTINE
Origin: RAW WELL

VOLATILE ORGANICS (METHOD 502.2) - ug/L

Run Number : 2655
Date Analyzed : 18-JUL-2000

Parameter(s)	Results	Limit	Parameter(s)	Results	Limit
DICHLORODIFLUOROMETHANE	<0.5	5.0	1,2,3-TRICHLOROPROPANE	<0.5	5.0
CHLOROMETHANE	<0.5	5.0	2-CHLOROTOLUENE	<0.5	5.0
VINYL CHLORIDE	<0.5	2.0	4-CHLOROTOLUENE	<0.5	5.0
BROMOMETHANE	<0.5	5.0	M-DICHLOROBENZENE	<0.5	5.0
CHLOROETHANE	<0.5	5.0	P-DICHLOROBENZENE	<0.5	5.0
FLUOROTRICHLOROMETHANE	<0.5	5.0	O-DICHLOROBENZENE	<0.5	5.0
1,1-DICHLOROETHENE	<0.5	5.0	1,2,4-TRICHLOROBENZENE	<0.5	5.0
METHYLENE CHLORIDE	<0.5	5.0	HEXACHLOROBUTADIENE	<0.5	5.0
TRANS-1,2-DICHLOROETHENE	<0.5	5.0	1,2,3-TRICHLOROBENZENE	<0.5	5.0
1,1-DICHLOROETHANE	<0.5	5.0	BENZENE	<0.5	5.0
CIS-1,2-DICHLOROETHENE	<0.5	5.0	TOLUENE	<0.5	5.0
2,2-DICHLOROPROPANE	<0.5	5.0	ETHYLBENZENE	<0.5	5.0
BROMOCHLOROMETHANE	<0.5	5.0	1,3-XYLENE	<0.5	5.0
CHLOROFORM	<0.5	50	1,4-XYLENE	<0.5	5.0
1,1,1-TRICHLOROETHANE	0.5	5.0	1,2-XYLENE	<0.5	5.0
CARBON TETRACHLORIDE	<0.5	5.0	STYRENE	<0.5	5.0
1,1-DICHLOROPROPENE	<0.5	5.0	ISOPROPYLBENZENE(CUMENE)	<0.5	5.0
1,2-DICHLOROETHANE	<0.5	5.0	N-PROPYLBENZENE	<0.5	5.0
TRICHLOROETHENE	<0.5	5.0	1,3,5-TRIMETHYLBENZENE	<0.5	5.0
1,2-DICHLOROPROPANE	<0.5	5.0	TERT-BUTYLBENZENE	<0.5	5.0
DIBROMOMETHANE	<0.5	5.0	1,2,4-TRIMETHYLBENZENE	<0.5	5.0
BROMODICHLOROMETHANE	<0.5	50	SEC-BUTYLBENZENE	<0.5	5.0
TRANS-1,3-DICHLOROPROPENE	<0.5	5.0	P-ISOPROPYLTOLUENE	<0.5	5.0
CIS-1,3-DICHLOROPROPENE	<0.5	5.0	N-BUTYLBENZENE	<0.5	5.0
1,1,2-TRICHLOROETHANE	<0.5	5.0	METHYL TERT. BUTYL ETHER	<0.5	50
TETRACHLOROETHENE	<0.5	5.0			
1,3-DICHLOROPROPANE	<0.5	5.0			
CHLORODIBROMOMETHANE	<0.5	50			
CHLOROBENZENE	<0.5	5.0			
1,1,1,2-TETRACHLOROETHANE	<0.5	5.0			
BROMOFORM	<0.5	50			
BROMOBENZENE	<0.5	5.0			
1,1,2,2-TETRACHLOROETHANE	<0.5	5.0			

Result(s) reported meet(s) NEW YORK STATE/USEPA limits for Potable Water

S 0061

Date Issued : 08/16/2000

ORIGINAL

Report for client information only

Joann M. Slavin
Laboratory Director

H2M LABS,INC.

LABORATORY RESULTS

575 Broad Hollow Road, Melville, NY 11747-5076
(631)694-3040 . FAX:(631)420-8436 NYSDOH ID# 10478

BROOKHAVEN NATIONAL LAB.-BNLM
70 BELL AVE.
UPTON, NY 11973
Attn To : S. SCARPITTA/TONY ROSS
Federal ID : 5111891
Collected : 06-JUL-2000 07:00
Received : 06-JUL-2000 15:30
Collected By : RL99
Project No : 4469
Copies To : SCHD

Lab No. : 20000706-164

Location: WELL 11 (TREATED)

Sample Information...
Type : Potable Water
ROUTINE
Origin: TREATED WELL

VOLATILE ORGANICS (METHOD 502.2) - ug/L

Run Number : 2656
Date Analyzed : 18-JUL-2000

Parameter(s)	Results	Limit	Parameter(s)	Results	Limit
DICHLORODIFLUOROMETHANE	<0.5	5.0	1,2,3-TRICHLOROPROPANE	<0.5	5.0
CHLOROMETHANE	<0.5	5.0	2-CHLOROTOLUENE	<0.5	5.0
VINYL CHLORIDE	<0.5	2.0	4-CHLOROTOLUENE	<0.5	5.0
BROMOMETHANE	<0.5	5.0	M-DICHLOROBENZENE	<0.5	5.0
CHLOROETHANE	<0.5	5.0	P-DICHLOROBENZENE	<0.5	5.0
FLUOROTRICHLOROMETHANE	<0.5	5.0	O-DICHLOROBENZENE	<0.5	5.0
1,1-DICHLOROETHENE	<0.5	5.0	1,2,4-TRICHLOROBENZENE	<0.5	5.0
METHYLENE CHLORIDE	<0.5	5.0	HEXACHLOROBUTADIENE	<0.5	5.0
TRANS-1,2-DICHLOROETHENE	<0.5	5.0	1,2,3-TRICHLOROBENZENE	<0.5	5.0
1,1-DICHLOROETHANE	<0.5	5.0	BENZENE	<0.5	5.0
CIS-1,2-DICHLOROETHENE	<0.5	5.0	TOLUENE	<0.5	5.0
2,2-DICHLOROPROPANE	<0.5	5.0	ETHYLBENZENE	<0.5	5.0
BROMOCHLOROMETHANE	<0.5	5.0	1,3-XYLENE	<0.5	5.0
CHLOROFORM	<0.5	50	1,4-XYLENE	<0.5	5.0
1,1,1-TRICHLOROETHANE	<0.5	5.0	1,2-XYLENE	<0.5	5.0
CARBON TETRACHLORIDE	<0.5	5.0	STYRENE	<0.5	5.0
1,1-DICHLOROPROPENE	<0.5	5.0	ISOPROPYLBENZENE(CUMENE)	<0.5	5.0
1,2-DICHLOROETHANE	<0.5	5.0	N-PROPYLBENZENE	<0.5	5.0
TRICHLOROETHENE	<0.5	5.0	1,3,5-TRIMETHYLBENZENE	<0.5	5.0
1,2-DICHLOROPROPANE	<0.5	5.0	TERT-BUTYLBENZENE	<0.5	5.0
DIBROMOMETHANE	<0.5	5.0	1,2,4-TRIMETHYLBENZENE	<0.5	5.0
BROMODICHLOROMETHANE	<0.5	50	SEC-BUTYLBENZENE	<0.5	5.0
TRANS-1,3-DICHLOROPROPENE	<0.5	5.0	P-ISOPROPYLTOLUENE	<0.5	5.0
CIS-1,3-DICHLOROPROPENE	<0.5	5.0	N-BUTYLBENZENE	<0.5	5.0
1,1,2-TRICHLOROETHANE	<0.5	5.0	METHYL TERT. BUTYL ETHER	<0.5	50
TETRACHLOROETHENE	<0.5	5.0			
1,3-DICHLOROPROPANE	<0.5	5.0			
CHLORODIBROMOMETHANE	<0.5	50			
CHLOROBENZENE	<0.5	5.0			
1,1,1,2-TETRACHLOROETHANE	<0.5	5.0			
BROMOFORM	<0.5	50			
BROMOBENZENE	<0.5	5.0			
1,1,2,2-TETRACHLOROETHANE	<0.5	5.0			

S 0065

Result(s) reported meet(s) NEW YORK STATE/USEPA limits for Potable Water

Date Issued : 08/16/2000

ORIGINAL

Report for client information only

Joann M. Slavin

Laboratory Director

H2M LABS,INC.

LABORATORY RESULTS

575 Broad Hollow Road, Melville, NY 11747-5076
(631)694-3040 . FAX:(631)420-8436 NYSDOH ID# 10478

BROOKHAVEN NATIONAL LAB.-BNLM
70 BELL AVE.
UPTON, NY 11973
Attn To : S. SCARPITTA/TONY ROSS
Federal ID : 5111891
Collected : 06-JUL-2000 06:20
Received : 06-JUL-2000 15:30
Collected By : RL99
Project No : 4469
Copies To : SCHD

Lab No. : 20000706-165

Location: WELL 12 (RAW)

Sample Information...
Type : Potable Water
ROUTINE
Origin: RAW WELL

VOLATILE ORGANICS (METHOD 502.2) - ug/L

Run Number : 2657
Date Analyzed : 18-JUL-2000

Parameter(s)	Results	Limit	Parameter(s)	Results	Limit
DICHLORODIFLUOROMETHANE	<0.5	5.0	1,2,3-TRICHLOROPROPANE	<0.5	5.0
CHLOROMETHANE	<0.5	5.0	2-CHLOROTOLUENE	<0.5	5.0
VINYL CHLORIDE	<0.5	2.0	4-CHLOROTOLUENE	<0.5	5.0
BROMOMETHANE	<0.5	5.0	M-DICHLOROBENZENE	<0.5	5.0
CHLOROETHANE	<0.5	5.0	P-DICHLOROBENZENE	<0.5	5.0
FLUOROTRICHLOROMETHANE	<0.5	5.0	O-DICHLOROBENZENE	<0.5	5.0
1,1-DICHLOROETHENE	<0.5	5.0	1,2,4-TRICHLOROBENZENE	<0.5	5.0
METHYLENE CHLORIDE	<0.5	5.0	HEXACHLOROBUTADIENE	<0.5	5.0
TRANS-1,2-DICHLOROETHENE	<0.5	5.0	1,2,3-TRICHLOROBENZENE	<0.5	5.0
1,1-DICHLOROETHANE	<0.5	5.0	BENZENE	<0.5	5.0
CIS-1,2-DICHLOROETHENE	<0.5	5.0	TOLUENE	<0.5	5.0
2,2-DICHLOROPROPANE	<0.5	5.0	ETHYLBENZENE	<0.5	5.0
BROMOCHLOROMETHANE	<0.5	5.0	1,3-XYLENE	<0.5	5.0
CHLOROFORM	0.7	50	1,4-XYLENE	<0.5	5.0
1,1,1-TRICHLOROETHANE	<0.5	5.0	1,2-XYLENE	<0.5	5.0
CARBON TETRACHLORIDE	<0.5	5.0	STYRENE	<0.5	5.0
1,1-DICHLOROPROPENE	<0.5	5.0	ISOPROPYLBENZENE(CUMENE)	<0.5	5.0
1,2-DICHLOROETHANE	<0.5	5.0	N-PROPYLBENZENE	<0.5	5.0
TRICHLOROETHENE	<0.5	5.0	1,3,5-TRIMETHYLBENZENE	<0.5	5.0
1,2-DICHLOROPROPANE	<0.5	5.0	TERT-BUTYLBENZENE	<0.5	5.0
DIBROMOMETHANE	<0.5	5.0	1,2,4-TRIMETHYLBENZENE	<0.5	5.0
BROMODICHLOROMETHANE	<0.5	50	SEC-BUTYLBENZENE	<0.5	5.0
TRANS-1,3-DICHLOROPROPENE	<0.5	5.0	P-ISOPROPYLTOLUENE	<0.5	5.0
CIS-1,3-DICHLOROPROPENE	<0.5	5.0	N-BUTYLBENZENE	<0.5	5.0
1,1,2-TRICHLOROETHANE	<0.5	5.0	METHYL TERT. BUTYL ETHER	<0.5	50
TETRACHLOROETHENE	<0.5	5.0			
1,3-DICHLOROPROPANE	<0.5	5.0			
CHLORODIBROMOMETHANE	<0.5	50			
CHLOROBENZENE	<0.5	5.0			
1,1,1,2-TETRACHLOROETHANE	<0.5	5.0			
BROMOFORM	<0.5	50			
BROMOBENZENE	<0.5	5.0			
1,1,2,2-TETRACHLOROETHANE	<0.5	5.0			

S 0066

Result(s) reported meet(s) NEW YORK STATE/USEPA limits for Potable Water

Date Issued : 08/16/2000

ORIGINAL

Report for client information only

Joann M. Slavin

Laboratory Director

H2M LABS,INC.

LABORATORY RESULTS

575 Broad Hollow Road, Melville, NY 11747-5076
(631)694-3040 . FAX.(631)420-8436 NYSDOH ID# 10478

BROOKHAVEN NATIONAL LAB.-BNLM
70 BELL AVE.
UPTON, NY 11973
Attn To : S. SCARPITTA/TONY ROSS
Federal ID : 5111891
Collected : 06-JUL-2000 06:20
Received : 06-JUL-2000 15:30
Collected By : RL99
Project No : 4469
Copies To : SCHD

Lab No. : 20000706-166

Location: WELL 12 (TREATED)

Sample Information...
Type : Potable Water
ROUTINE
Origin: TREATED WELL

Run Number : 2658
Date Analyzed : 18-JUL-2000

VOLATILE ORGANICS (METHOD 502.2) - ug/L

Parameter(s)	Results	Limit	Parameter(s)	Results	Limit
DICHLORODIFLUOROMETHANE	<0.5	5.0	1,2,3-TRICHLOROPROPANE	<0.5	5.0
CHLOROMETHANE	<0.5	5.0	2-CHLOROTOLUENE	<0.5	5.0
VINYL CHLORIDE	<0.5	2.0	4-CHLOROTOLUENE	<0.5	5.0
BROMOMETHANE	<0.5	5.0	M-DICHLOROBENZENE	<0.5	5.0
CHLOROETHANE	<0.5	5.0	P-DICHLOROBENZENE	<0.5	5.0
FLUOROTRICHLOROMETHANE	<0.5	5.0	O-DICHLOROBENZENE	<0.5	5.0
1,1-DICHLOROETHENE	<0.5	5.0	1,2,4-TRICHLOROBENZENE	<0.5	5.0
METHYLENE CHLORIDE	<0.5	5.0	HEXACHLOROBUTADIENE	<0.5	5.0
TRANS-1,2-DICHLOROETHENE	<0.5	5.0	1,2,3-TRICHLOROBENZENE	<0.5	5.0
1,1-DICHLOROETHANE	<0.5	5.0	BENZENE	<0.5	5.0
CIS-1,2-DICHLOROETHENE	<0.5	5.0	TOLUENE	<0.5	5.0
2,2-DICHLOROPROPANE	<0.5	5.0	ETHYLBENZENE	<0.5	5.0
BROMOCHLOROMETHANE	<0.5	5.0	1,3-XYLENE	<0.5	5.0
CHLOROFORM	1.0	50	1,4-XYLENE	<0.5	5.0
1,1,1-TRICHLOROETHANE	<0.5	5.0	1,2-XYLENE	<0.5	5.0
CARBON TETRACHLORIDE	<0.5	5.0	STYRENE	<0.5	5.0
1,1-DICHLOROPROPENE	<0.5	5.0	ISOPROPYLBENZENE(CUMENE)	<0.5	5.0
1,2-DICHLOROETHANE	<0.5	5.0	N-PROPYLBENZENE	<0.5	5.0
TRICHLOROETHENE	<0.5	5.0	1,3,5-TRIMETHYLBENZENE	<0.5	5.0
1,2-DICHLOROPROPANE	<0.5	5.0	TERT-BUTYLBENZENE	<0.5	5.0
DIBROMOMETHANE	<0.5	5.0	1,2,4-TRIMETHYLBENZENE	<0.5	5.0
BROMODICHLOROMETHANE	<0.5	50	SEC-BUTYLBENZENE	<0.5	5.0
TRANS-1,3-DICHLOROPROPENE	<0.5	5.0	P-ISOPROPYLTOLUENE	<0.5	5.0
CIS-1,3-DICHLOROPROPENE	<0.5	5.0	N-BUTYLBENZENE	<0.5	5.0
1,1,2-TRICHLOROETHANE	<0.5	5.0	METHYL TERT. BUTYL ETHER	<0.5	50
TETRACHLOROETHENE	<0.5	5.0			
1,3-DICHLOROPROPANE	<0.5	5.0			
CHLORODIBROMOMETHANE	<0.5	50			
CHLOROBENZENE	<0.5	5.0			
1,1,1,2-TETRACHLOROETHANE	<0.5	5.0			
BROMOFORM	<0.5	50			
BROMOBENZENE	<0.5	5.0			
1,1,2,2-TETRACHLOROETHANE	<0.5	5.0			

S 0070

Result(s) reported meet(s) NEW YORK STATE/USEPA limits for Potable Water

Date Issued : 08/16/2000

ORIGINAL

Report for client information only

Joann M. Slavin
Laboratory Director

ATTACHMENT VI

Brookhaven National Laboratory
Potable Water Supply

2000 Annual Synthetic Organic Chemical and Pesticides Analytical Results for the BNL Potable Water Distribution System and Potable Water Wells

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ENVIRONMENTAL
390 Pennsylvania Avenue
S. Waverly, PA 18840
Phone (570) 888-0169
Fax (570) 888-0717

TE ISSUED: 07/19/2000

CERTIFICATE OF ANALYSIS

NY DOH # 11216 CT # PH-0201
PA DEP # 08380 ICR PA017

Client: H2M Labs Inc.
Environmental & Ind. Analytical Lab
575 Broad Hollow Road
Melville NY 11747-5076

ATT: Stu Murrell

Sample ID #: 2000-07-07-163
Sample Date: 07/06/2000
Sample Time: 0:00
Sampled by:
Received by: DLM
Date & Time Recd: 07/07/2000 15:00

Project Description: 0706-158
Sample Location: Well 4
Sample Matrix: DRINKING WATER

Parameter	Results	Detection Limit (DL) Max. Cont. Level (MCL)	Method	Extracted	Analyzed	Analyst
* EPA 548.1 - Endothall			EPA 548.1	07/11/2000	07/13/2000	
Endothall	ND<5.0 ug/L	100.0 ug/L MCL				

Reviewed by:
Irene Chu
Laboratory Director

@* Analysis performed by NYS DOH# 11072, PA DEP# 68-376

FORM 1

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

WELL4

Lab Name: H2M LABS,INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: BNLM097

Matrix: (soil/water) WATER Lab Sample ID: 20000706-158

Sample wt/vol: 35 (g/mL) ML Lab File ID: BE01372

% Moisture: _____ decanted: (Y/N)___ Date Received: 07/06/00

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:07/10/00

Concentrated Extract Volume: 2000(uL) Date Analyzed: 07/11/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
106-93-4	1,2-DIBROMOETHANE (EDB)	0.020	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	0.020	U

S 0045

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
WELL 4 (RAW)

Lab Name: H2M LABS,INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: BNLM097

Matrix: (soil/water) WATER Lab Sample ID: 20000706-158

Sample wt/vol: 35.00 (g/mL) ML Lab File ID: WB01264

% Moisture: _____ decanted: (Y/N)___ Date Received: 7/6/00_____

Extraction: (SepF/Cont/Sonc) MICROEXTRAC Date Extracted:07/07/00

Concentrated Extract Volume: 2000(uL) Date Analyzed: 07/12/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
58-89-9	gamma-BHC (Lindane)	0.025	U
76-44-8	Heptachlor	0.025	U
309-00-2	Aldrin	0.025	U
1024-57-3	Heptachlor epoxide	0.025	U
60-57-1	Dieldrin	0.05	U
72-20-8	Endrin	0.05	U
72-43-5	Methoxychlor	0.25	U
57-74-9	Chlordane	0.5	U
8001-35-2	Toxaphene	2.5	U
TOTAL PCB'S		0.5	U

S 0047

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WELL 4 RAW

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: BNLM097

Matrix: (soil/water) WATER Lab Sample ID: 2000706-158

Sample wt/vol: 1000 (g/ml) ML Lab File ID: C15748.D

Level: (low/med) LOW Date Received: 07/06/00

% Moisture: decanted:(Y/N) N Date Extracted: 07/13/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
77474	Hexachlorocyclopentadiene	0.90	U
118741	Hexachlorobenzene	0.11	U
103231	Di(2-Ethylhexyl)adipate	0.17	U
117817	bis(2-Ethylhexyl)phthalate	~~0~~1.29	~~JB~~ U
50328	Benzo[a]pyrene	0.12	U
1918167	Propachlor	0.03	U
122349	Simazine	0.11	U
1912249	Atrazine	0.12	U
21087649	Metribuzin	0.07	U
15972608	Alachlor	0.14	U
51218452	Metolachlor	0.07	U
23184669	Butachlor	0.17	U

8/11/00

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Fax (570) 888-0717

E ISSUED: 07/19/2000

CERTIFICATE OF ANALYSIS

NY DOH # 11216 CT # PH-0201
PA DEP # 08380 ICR PA017

Client: H2M Labs Inc.
Environmental & Ind. Analytical Lab
575 Broad Hollow Road
Melville NY 11747-5076

ATT: Stu Murrell

Sample ID #: 2000-07-07-164
Sample Date: 07/06/2000
Sample Time: 0:00
Sampled by:
Received by: DLM
Date & Time Recd: 07/07/2000 15:00

Project Description: 0706-159
Sample Location: Well 6
Sample Matrix: DRINKING WATER

Parameter	Results	Detection Limit (DL) Max. Cont. Level (MCL)	Method	Extracted	Analyzed	Analyst
EPA 548.1 - Endothall			EPA 548.1	07/11/2000	07/13/2000	
Endothall	ND<5.0 ug/L	100.0 ug/L	MCL			

Reviewed by:
Irene Chu
Laboratory Director

Q* Analysis performed by NYS DOH# 11072, PA DEP# 68-376

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WELL 6 RAW

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: BNLM097

Matrix: (soil/water) WATER Lab Sample ID: 2000706-159

Sample wt/vol: 1000 (g/ml) ML Lab File ID: C15750.D

Level: (low/med) LOW Date Received: 07/06/00

% Moisture: decanted:(Y/N) N Date Extracted: 07/13/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
77474	Hexachlorocyclopentadiene	0.90	U
118741	Hexachlorobenzene	0.11	U
103231	Di(2-Ethylhexyl)adipate	0.17	U
117817	bis(2-Ethylhexyl)phthalate	~~0.24~~ 1.24	JBU
50328	Benzo[a]pyrene	0.12	U
1918167	Propachlor	0.08	U
122349	Simazine	0.11	U
1912249	Atrazine	0.12	U
21087649	Metribuzin	0.07	U
15972608	Alachlor	0.14	U
51218452	Metolachlor	0.07	U
23184669	Butachlor	0.17	U

8/11/00

S 0051

FORM 1

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

WELL6

Lab Name: H2M LABS,INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: BNLM097

Matrix: (soil/water) WATER Lab Sample ID: 20000706-159

Sample wt/vol: 35 (g/mL) ML Lab File ID: BE01373

% Moisture: _____ decanted: (Y/N)___ Date Received: 07/06/00

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:07/10/00

Concentrated Extract Volume: 2000(uL) Date Analyzed: 07/11/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
106-93-4	1,2-DIBROMOETHANE (EDB)	0.020	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	0.020	U

S 0049

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
WELL 6 (RAW)

Lab Name: H2M LABS,INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: BNLM097

Matrix: (soil/water) WATER Lab Sample ID: 20000706-159

Sample wt/vol: 35.00 (g/mL) ML Lab File ID: WB01265

% Moisture: _____ decanted: (Y/N)___ Date Received: 7/6/00_____

Extraction: (SepF/Cont/Sonc) MICROEXTRAC Date Extracted:07/07/00

Concentrated Extract Volume: 2000(uL) Date Analyzed: 07/12/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
58-89-9	gamma-BHC (Lindane)	0.025	U
76-44-8	Heptachlor	0.025	U
309-00-2	Aldrin	0.025	U
1024-57-3	Heptachlor epoxide	0.025	U
60-57-1	Dieldrin	0.05	U
72-20-8	Endrin	0.05	U
72-43-5	Methoxychlor	0.25	U
57-74-9	Chlordane	0.5	U
8001-35-2	Toxaphene	2.5	U
TOTAL PCB'S		0.5	U

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Fax (570) 888-0717

E ISSUED: 07/19/2000

CERTIFICATE OF ANALYSIS

NY DOH # 11216 CT # PH-0201
PA DEP # 08380 ICR PA017

Client: H2M Labs Inc.
Environmental & Ind. Analytical Lab
575 Broad Hollow Road
Melville NY 11747-5076

ATT: Stu Murrell

Sample ID #: 2000-07-07-165
Sample Date: 07/06/2000
Sample Time: 0:00
Sampled by:
Received by: DLM
Date & Time Recd: 07/07/2000 15:00

Project Description: 0706-160
Sample Location: Well 7
Sample Matrix: DRINKING WATER

Parameter	Results	Detection Limit (DL) Max. Cont. Level (MCL)	Method	Extracted	Analyzed	Analyst
t EPA 548.1 - Endothall			EPA 548.1	07/11/2000	07/13/2000	
Endothall	ND<5.0 ug/L	100.0 ug/L	MCL			

Reviewed by:
Irene Chu
Laboratory Director

Q* Analysis performed by NYS DOH# 11072, PA DEP# 68-376

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WELL 7 RAW

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: BNLM097

Matrix: (soil/water) WATER

Sample wt/vol: 1000 (g/ml) ML

Level: (low/med) LOW

% Moisture: decanted:(Y/N) N

Concentrated Extract Volume: 1000 (uL)

Injection Volume: 2.0 (uL)

GPC Cleanup: (Y/N) N pH:

Lab Sample ID: 2000706-160

Lab File ID: C15751.D

Date Received: 07/06/00

Date Extracted: 07/13/00

Date Analyzed: 08/07/00

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
77474	Hexachlorocyclopentadiene	0.90	U
118741	Hexachlorobenzene	0.11	U
103231	Di(2-Ethylhexyl)adipate	0.17	U
117817	bis(2-Ethylhexyl)phthalate	81.29	~~JB~~ U
50328	Benzo[a]pyrene	0.12	U
1918167	Propachlor	0.08	U
122349	Simazine	0.11	U
1912249	Atrazine	0.12	U
21087649	Metribuzin	0.07	U
15972608	Alachlor	0.14	U
51218452	Metolachlor	0.07	U
23184669	Butachlor	0.17	U

8/11/00

S 0055

FORM 1
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

WELL7

Lab Name: H2M LABS,INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: BNLM097

Matrix: (soil/water) WATER Lab Sample ID: 20000706-160

Sample wt/vol: 35 (g/mL) ML Lab File ID: BE01374

% Moisture: ____ decanted: (Y/N)___ Date Received: 07/06/00

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:07/10/00

Concentrated Extract Volume: 2000(uL) Date Analyzed: 07/11/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
106-93-4	1,2-DIBROMOETHANE (EDB)	0.020	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	0.020	U

S 0053

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
WELL 7 (RAW)

Lab Name: H2M LABS,INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: BNLM097

Matrix: (soil/water) WATER Lab Sample ID: 20000706-160

Sample wt/vol: 35.00 (g/mL) ML Lab File ID: WB01266

% Moisture: _____ decanted: (Y/N)___ Date Received: 7/6/00_____

Extraction: (SepF/Cont/Sonc) MICROEXTRAC Date Extracted:07/07/00

Concentrated Extract Volume: 2000(uL) Date Analyzed: 07/12/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
58-89-9	gamma-BHC (Lindane)	0.025	U
76-44-8	Heptachlor	0.025	U
309-00-2	Aldrin	0.025	U
1024-57-3	Heptachlor epoxide	0.025	U
60-57-1	Dieldrin	0.05	U
72-20-8	Endrin	0.05	U
72-43-5	Methoxychlor	0.25	U
57-74-9	Chlordane	0.5	U
8001-35-2	Toxaphene	2.5	U
TOTAL PCB'S		0.5	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
WELL4-6-7

Lab Name: H2M LABS,INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: BNLM097

Matrix: (soil/water) WATER Lab Sample ID: 20000706-167

Sample wt/vol: Lab File ID: LC00907

Level: (low/med) LOW Date Received: 7/6/00 8/6/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted:

Concentrated Extract Volume: Date Analyzed: 07/20/00

Injection Volume: 400.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
1646-87-3	ALDICARB SULFOXIDE	1.0	U
1646-88-4	ALDICARB SULFONE	1.0	U
23135-22-0	OXAMYL	1.0	U
16752-77-5	METHOMYL	1.0	U
16655-82-6	3-HYDROXYCARBOFURAN	1.0	U
1563-66-2	CARBOFURAN	1.0	U
63-25-2	CARBARYL	1.0	U
116-06-3	ALDICARB	1.0	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
WELL4-6-7

Lab Name: H2M LABS,INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: BNLM097

Matrix: (soil/water) WATER Lab Sample ID: 20000706-167

Sample wt/vol: 250.0 (g/mL) ML Lab File ID: DIQ0252

% Moisture: _____ decanted: (Y/N)___ Date Received: 07/06/00

Extraction: (SepF/Cont/Sonc) Date Extracted:07/10/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 07/19/00

Injection Volume: 200.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
85-00-7	DIQUAT	1.0	U

1D

HERBICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WELL467

Lab Name: H2M LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: BNLM097

Matrix: (soil/water) WATER Lab Sample ID: O706-167

Sample wt/vol: 1000 (g/mL) mL Lab File ID: BH01473.CDF

% Moisture: decanted: (Y/N) N Date Received: 07/06/00

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 07/11/00

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/14/00

Injection Volume: 0.5 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/L	Q
94-75-7	2,4-D	0.25	U
93-72-1	2,4,5-TP	0.13	U
93-76-5	2,4,5-T	0.13	U
75-99-0	DALAPON	0.15	U
1918-00-9	DICAMBA	0.08	U
87-86-5	PENTACHLOROPHENOL	0.05	U
88-85-7	DINOSEB	0.10	U
########	PICLORAM	0.13	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
WELL4-6-7

Lab Name: H2M LABS,INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: BNLM097

Matrix: (soil/water) WATER Lab Sample ID: 20000706-167

Sample wt/vol: ~~0.100~~ (g/mL) ML Lab File ID: GLY0490

Level: (low/med) LOW Date Received: 07/06/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 07/~~13~~/00
Rec 8/4/00

Concentrated Extract Volume: ~~1(uL)~~ Date Analyzed: 07/13/00

Injection Volume: 100.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
1071-83-6	GLYPHOSATE	10	U

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Fax (570) 888-0717

TE ISSUED: 07/19/2000

CERTIFICATE OF ANALYSIS

NY DOH # 11216 CT # PH-0201
PA DEP # 08380 ICR PA017

Client: H2M Labs Inc.
Environmental & Ind. Analytical Lab
575 Broad Hollow Road
Melville NY 11747-5076

ATT: Stu Murrell

Sample ID #: 2000-07-07-166
Sample Date: 07/06/2000
Sample Time: 0:00
Sampled by:
Received by: DLM
Date & Time Recd: 07/07/2000 15:00

Project Description: 0706-161
Sample Location: Well 10
Sample Matrix: DRINKING WATER

Parameter	Results	Detection Limit (DL) Max. Cont. Level (MCL)	Method	Extracted	Analyzed	Analyst
‡ EPA 548.1 - Endothall			EPA 548.1	07/11/2000	07/13/2000	
Endothall	ND(5.0 ug/L	100.0 ug/L MCL				

Reviewed by:
Irene Chu
Laboratory Director

Q‡ Analysis performed by NYS DOH# 11072, PA DEP# 68-376

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WELL 10 RAW

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: BNLM097

Matrix: (soil/water) WATER Lab Sample ID: 2000706-161

Sample wt/vol: 1000 (g/ml) ML Lab File ID: C15752.D

Level: (low/med) LOW Date Received: 07/06/00

% Moisture: decanted:(Y/N) N Date Extracted: 07/13/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
77474	Hexachlorocyclopentadiene	0.90	U
118741	Hexachlorobenzene	0.11	U
103231	Di(2-Ethylhexyl)adipate	0.17	U
117817	bis(2-Ethylhexyl)phthalate	81.29	JBU
50328	Benzo[a]pyrene	0.12	U
1918167	Propachlor	0.08	U
122349	Simazine	0.11	U
1912249	Atrazine	0.12	U
21087649	Metribuzin	0.07	U
15972608	Alachlor	0.14	U
51218452	Metolachlor	0.07	U
23184669	Butachlor	0.17	U

8/11/00

S 0059

FORM 1
PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
WELL10

Lab Name: H2M LABS,INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: BNLM097

Matrix: (soil/water) WATER Lab Sample ID: 20000706-161

Sample wt/vol: 35 (g/mL) ML Lab File ID: BE01375

% Moisture: ____ decanted: (Y/N)___ Date Received: 07/06/00

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:07/10/00

Concentrated Extract Volume: 2000(uL) Date Analyzed: 07/11/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
106-93-4	1,2-DIBROMOETHANE (EDB)	0.020	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	0.020	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
WELL 10(RAW)

Lab Name: H2M LABS,INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: BNLM097

Matrix: (soil/water) WATER Lab Sample ID: 20000706-161

Sample wt/vol: 35.00 (g/mL) ML Lab File ID: WB01267

% Moisture: _____ decanted: (Y/N)___ Date Received: 7/6/00

Extraction: (SepF/Cont/Sonc) MICROEXTRAC Date Extracted:07/07/00

Concentrated Extract Volume: 2000(uL) Date Analyzed: 07/12/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
58-89-9	gamma-BHC (Lindane)	0.025	U
76-44-8	Heptachlor	0.025	U
309-00-2	Aldrin	0.025	U
1024-57-3	Heptachlor epoxide	0.025	U
60-57-1	Dieldrin	0.05	U
72-20-8	Endrin	0.05	U
72-43-5	Methoxychlor	0.25	U
57-74-9	Chlordane	0.5	U
8001-35-2	Toxaphene	2.5	U
TOTAL PCB'S		0.5	U

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390 Pennsylvania Avenue
S. Waverly, PA 18840
Phone (570) 888-0169
Fax (570) 888-0717

TE ISSUED: 07/19/2000 CERTIFICATE OF ANALYSIS PAGE 1 OF 1

NY DOH # 11216 CT # PH-0201
PA DEP # 08380 ICR PA017

Client: H2M Labs Inc.
Environmental & Ind. Analytical Lab
575 Broad Hollow Road
Melville NY 11747-5076

ATT: Stu Murrell

Sample ID #: 2000-07-07-167
Sample Date: 07/06/2000
Sample Time: 0:00
Sampled by:
Received by: DLM
Date & Time Recd: 07/07/2000 15:00

Project Description: 0706-163
Sample Location: Well 11
Sample Matrix: DRINKING WATER

Parameter	Results	Detection Limit (DL) Max. Cont. Level (MCL)	Method	Extracted	Analyzed	Analyst
‡ EPA 548.1 - Endothall			EPA 548.1	07/11/2000	07/13/2000	
Endothall	ND<5.0 ug/L	100.0 ug/L MCL				

Reviewed by:
Irene Chu
Laboratory Director

Q* Analysis performed by NYS DOH# 11072, PA DEP# 68-376

FORM 1

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

WELL11

Lab Name: H2M LABS,INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: BNLM097

Matrix: (soil/water) WATER Lab Sample ID: 20000706-163

Sample wt/vol: 35 (g/mL) ML Lab File ID: BE01376

% Moisture: ------ decanted: (Y/N)___ Date Received: 07/06/00

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:07/10/00

Concentrated Extract Volume: 2000(uL) Date Analyzed: 07/11/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: --- Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
106-93-4	1,2-DIBROMOETHANE (EDB)	0.020	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	0.020	U

S 0062

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

WELL 11(RAW)

Lab Name: H2M LABS,INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: BNLM097

Matrix: (soil/water) WATER Lab Sample ID: 20000706-163

Sample wt/vol: 35.00 (g/mL) ML Lab File ID: WB01268

% Moisture: _____ decanted: (Y/N)___ Date Received: 7/6/00_____

Extraction: (SepF/Cont/Sonc) MICROEXTRAC Date Extracted:07/07/00

Concentrated Extract Volume: 2000(uL) Date Analyzed: 07/12/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
58-89-9	gamma-BHC (Lindane)	0.025	U
76-44-8	Heptachlor	0.025	U
309-00-2	Aldrin	0.025	U
1024-57-3	Heptachlor epoxide	0.025	U
60-57-1	Dieldrin	0.05	U
72-20-8	Endrin	0.05	U
72-43-5	Methoxychlor	0.25	U
57-74-9	Chlordane	0.5	U
8001-35-2	Toxaphene	2.5	U
TOTAL PCB'S		0.5	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WELL 11 RAW

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: BNLM097

Matrix: (soil/water) WATER Lab Sample ID: 2000706-163

Sample wt/vol: 1000 (g/ml) ML Lab File ID: C15753.D

Level: (low/med) LOW Date Received: 07/06/00

% Moisture: decanted:(Y/N) N Date Extracted: 07/13/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/07/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
77474	Hexachlorocyclopentadiene	0.90	U
118741	Hexachlorobenzene	0.11	U
103231	Di(2-Ethylhexyl)adipate	0.17	U
117817	bis(2-Ethylhexyl)phthalate	81.29	JB U
50328	Benzo[a]pyrene	0.12	U
1918167	Propachlor	0.08	U
122349	Simazine	0.11	U
1912249	Atrazine	0.12	U
21087649	Metribuzin	0.07	U
15972608	Alachlor	0.14	U
51218452	Metolachlor	0.07	U
23184669	Butachlor	0.17	U

8/11/00

S 0064

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390 Pennsylvania Avenue
S. Waverly, PA 18840
Phone (570) 888-0169
Fax (570) 888-0717

ATE ISSUED: 07/19/2000 CERTIFICATE OF ANALYSIS PAGE 1 OF 1

NY DOH # 11216 CT # PH-0201
PA DEP # 08380 ICR PA017

Client: H2M Labs Inc.
Environmental & Ind. Analytical Lab
575 Broad Hollow Road
Melville NY 11747-5076

ATT: Stu Murrell

Sample ID #: 2000-07-07-168
Sample Date: 07/06/2000
Sample Time: 0:00
Sampled by:
Received by: DLM
Date & Time Recd: 07/07/2000 15:00

Project Description: 0706-165
Sample Location: Well 12
Sample Matrix: DRINKING WATER

Parameter	Results	Detection Limit (DL) Max. Cont. Level (MCL)		Method	Extracted	Analyzed	Analys
Q* EPA 548.1 - Endothall				EPA 548.1	07/11/2000	07/13/2000	
Endothall	ND<5.0 ug/L	100.0 ug/L	MCL				

Reviewed by:
Irene Chu
Laboratory Director

Q* Analysis performed by NYS DOH# 11072, PA DEP# 68-376

FORM 1

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

WELL12

Lab Name: H2M LABS,INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: BNLM097

Matrix: (soil/water) WATER Lab Sample ID: 20000706-165

Sample wt/vol: 35 (g/mL) ML Lab File ID: BE01377

% Moisture: ------ decanted: (Y/N)___ Date Received: 07/06/00

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:07/10/00

Concentrated Extract Volume: 2000(uL) Date Analyzed: 07/11/00

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
106-93-4	1,2-DIBROMOETHANE (EDB)	0.020	U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	0.020	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
WELL 12(RAW)

Lab Name: H2M LABS,INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: BNLM097

Matrix: (soil/water) WATER Lab Sample ID: 20000706-165

Sample wt/vol: 35.00 (g/mL) ML Lab File ID: WB01269

* Moisture: _____ decanted: (Y/N)___ Date Received: 7/6/00_____

Extraction: (SepF/Cont/Sonc) MICROEXTRAC Date Extracted:07/07/00

Concentrated Extract Volume: 2000(uL) Date Analyzed: 07/12/00

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
58-89-9	gamma-BHC (Lindane)	0.025	U
76-44-8	Heptachlor	0.025	U
309-00-2	Aldrin	0.025	U
1024-57-3	Heptachlor epoxide	0.025	U
60-57-1	Dieldrin	0.05	U
72-20-8	Endrin	0.05	U
72-43-5	Methoxychlor	0.25	U
57-74-9	Chlordane	0.5	U
8001-35-2	Toxaphene	2.5	U
TOTAL PCB'S		0.5	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WELL 12 RAW

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: BNLM097

Matrix: (soil/water) WATER

Sample wt/vol: 1000 (g/ml) ML

Level: (low/med) LOW

% Moisture: decanted:(Y/N) N

Concentrated Extract Volume: 1000 (uL)

Injection Volume: 2.0 (uL)

GPC Cleanup: (Y/N) N pH:

Lab Sample ID: 2000706-165

Lab File ID: C15754.D

Date Received: 07/06/00

Date Extracted: 07/13/00

Date Analyzed: 08/07/00

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
77474	Hexachlorocyclopentadiene	0.90	U
118741	Hexachlorobenzene	0.11	U
103231	Di(2-Ethylhexyl)adipate	0.17	U
117817	bis(2-Ethylhexyl)phthalate	~~01.29~~ 1.8	~~JB~~ J
50328	Benzo[a]pyrene	0.12	U
1918167	Propachlor	0.08	U
122349	Simazine	0.11	U
1912249	Atrazine	0.12	U
21087649	Metribuzin	0.07	U
15972608	Alachlor	0.14	U
51218452	Metolachlor	0.07	U
23184669	Butachlor	0.17	U

8/11/00

S 0069

1D

HERBICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WELL101112

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: BNLM097

Matrix: (soil/water) WATER Lab Sample ID: O706-168

Sample wt/vol: 1000 (g/mL) mL Lab File ID: BH01474.CDF

% Moisture: _____ decanted: (Y/N) N Date Received: 07/06/00

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 07/11/00

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/14/00

Injection Volume: 0.5 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
94-75-7	2,4-D	0.25	U
93-72-1	2,4,5-TP	0.13	U
93-76-5	2,4,5-T	0.13	U
75-99-0	DALAPON	0.15	U
1918-00-9	DICAMBA	0.08	U
87-86-5	PENTACHLOROPHENOL	0.05	U
88-85-7	DINOSEB	0.10	U
1918-02-1	PICLORAM	0.13	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

WELL101112

Lab Name: H2M LABS,INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: BNLM097

Matrix: (soil/water) WATER Lab Sample ID: 20000706-168

Sample wt/vol: ~~0.100~~ (g/mL) ML Lab File ID: GLY0491

Level: (low/med) LOW Date Received: 07/06/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted: ~~07/13/00~~ 8/4/00

Concentrated Extract Volume: ~~1(uL)~~ Date Analyzed: 07/13/00

Injection Volume: 100.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
1071-83-6	GLYPHOSATE	10	U

FORM I SV

S 0079

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

WELL191112

Lab Name: H2M LABS,INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: BNLM097

Matrix: (soil/water) WATER Lab Sample ID: 20000706-168

Sample wt/vol: 250.0 (g/mL) ML Lab File ID: DIQ0253

% Moisture: _____ decanted: (Y/N)___ Date Received: 07/06/00

Extraction: (SepF/Cont/Sonc) Date Extracted:07/10/00

Concentrated Extract Volume: 10000(uL) Date Analyzed: 07/19/00

Injection Volume: 200.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
85-00-7	DIQUAT	1.0	U

FORM I SV

S 0078

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
WELL-10-11-12

Lab Name: H2M LABS,INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.: BNLM097

Matrix: (soil/water) WATER Lab Sample ID: 20000706-168

Sample wt/vol: Lab File ID: LC00908

Level: (low/med) LOW Date Received: 7/6/00 02 8/6/00

% Moisture: _____ decanted: (Y/N)___ Date Extracted:

Concentrated Extract Volume: Date Analyzed: 07/20/00

Injection Volume: 400.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
1646-87-3	ALDICARB SULFOXIDE	1.0	U
1646-88-4	ALDICARB SULFONE	1.0	U
23135-22-0	OXAMYL	1.0	U
16752-77-5	METHOMYL	1.0	U
16655-82-6	3-HYDROXYCARBOFURAN	1.0	U
1563-66-2	CARBOFURAN	1.0	U
63-25-2	CARBARYL	1.0	U
116-06-3	ALDICARB	1.0	U

ATTACHMENT VII

Brookhaven National Laboratory
Potable Water Supply

2000 Annual Asbestos Analytical Results for the BNL Potable Water Distribution System

EMSL Analytical, Inc.
107 Haddon Ave., Westmont, NJ 08108
Phone: (609) 858-4800 Fax: (609) 858-4960 Email: ssiegel@EMSL.com

Attn: H2M Labs, Inc.
575 Broad Hollow Road
Melville, NY 11747
Fax: 516-420-8436 Phone: 516-694-3040
Project: **097/Brookhaven Labs**

Customer ID H2ML50
Customer PO: L 6715
Received: 07/07/00 1:45 PM
EMSL Order: 040011111
EMSL Project ID:

Analysis Date 7/15/00

Asbestos Analysis in Water by Transmission Electron Microscopy (TEM) Performed by NY ELAP 198.2 Method

SAMPLE ID	#ASBESTOS FIBERS All sizes	>10um	# NON-ASBESTOS FIBERS	TYPE(S) OF ASBESTOS	ANALYTICAL SENSITIVITY (MFL) All Sizes	>10um	CONFIDENCE LIMITS All Sizes	>10um	CONCENTRATION OF ASBESTOS FIBERS (MFL) All Sizes	>10um	COMMENTS
0707-022	0	0	0								
040011111-0002					0.18	0.18	0.00-0.65	0.00-0.65	<0.65	<0.65	

Revised report. NYS report used.

Analysis Date 7/15/00

Margaret Maronski
Analyst

Stephen Siegel

Stephen Siegel, CIH
or other approved signatory

Sample collection and containers provided by the client, acceptable bottle blank level is defined as <=0.01MFL>10um. ND=None Detected. Fiber counting data will be reported as follows: No Fibers detected: The value will be reported as less than 3/89% of the concentration equivalent to on 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 large 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.