

April 6, 2005

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

Dear Ms. Kathleen Newcomer:

**Subject: Monthly Water Treatment Plant Reports**  
**Reference: Suffolk County Minimum Monitoring Requirements for March 2005**

In accordance with the requirements of the BNL Potable Water System Sampling Plan and the 2005 SCDHS Minimum Monitoring Requirements for the BNL Potable Water Supply, included please find the following attachments for your records:

- Attachment I: BNL Potable Water Monthly Operational Data for March.
- Attachment II: March 2005 Biweekly Quarter Water Quality Monitoring Data for the BNL Distribution System and Semi-Annual Monitoring Data for the Potable Water Wells.
- Attachment III: March 2005 Stage 1 Disinfectants & Disinfection Byproduct Rule Monitoring Data and Bacteriological Analyses for the BNL Distribution System.

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



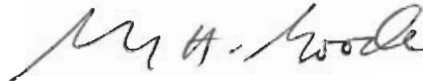
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Should there be any questions regarding this report or the analytical or operational data contained herein, please call either M. Allocco at (631) 344-3166, R. Lee at (631) 344-3148, or W. Chaloupka at (631) 344-7136.

Sincerely,



George A. Goode  
Environmental & Waste Management Services  
Division Manager

GAG/MA:car

Attachments: As noted

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

File: EC61ER.05

**ATTACHMENT I**  
**Brookhaven National Laboratory**  
**Potable Water Supply**  
**Monthly Operational Data for March 2005**  
**for the BNL Potable Water System**

# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD: MARCH 2005
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LOCATION: **Water Treatment Facility**

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

Source: Ground Water

Does the system have a chlorination waiver? YES  NO

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl <sub>2</sub> Residual mg/l	Lime Sodium Hydroxide	Totalizer	
		Gallons	Cl <sub>2</sub> use per 24hrs				
1	0	105	0	1.10	7.4	122	
2	0	105	0	1.20	7.5	122	
3	0	105	0	0.72	7.5	122	
4	0	105	0	0.96	7.9	122	
5	0						
6	0						
7	0	105	0	1.00	7.8	122	
8	0	105	0	1.00	6.4	122	
9	0	105	0	1.00	6.4	122	
10	0	105	0	1.00	6.8	122	
11	0	105	0	0.99	7	122	
12	0						
13	0						
14	0	105	0	1.00	7.5	122	
15	16	105	0	1.00	7.8	138	
16	0	105	0	1.00	7.8	138	
17	0	105	0	1.00	7.9	138	
18	0	105	0	1.00	8.1	138	
19	0						
20	0						
21	0	105	0	1.00	7.6	138	
22	0	102	3	1.07	7.5	138	
23	109	100+100	2	1.00	7.7	247	
24	948	190	10	0.80	7.6	1195	
25	842	181	9	0.86	7.6	2037	
26	0						
27	0						
28	2,610	165	16	0.70	7.5	4647	
29	822	160	5	1.04	7.4	5469	
30	991	155	5	0.86	7.3	6460	
31	774	150	5	0.70	7.5	7234	
TOT	7,112		55				
AVG	229.42		1.77	No Days:	31		

Population Served 3,500

Number of routine samples 4

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

Number of actual routine samples 7

Does a M&AR violation exist? YES  NO

If yes, check reason's below.

Actual number of samples fewer than required.

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

Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

If yes, check reason(s) below.

Two or more positive total coliform samples for systems collecting 40 or more samples (routine, repeat or turbidity) 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: *M.A. Ross*

Date: 4-5-05

Title: Water Systems Supervisor

Certification No NY0031941

# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD: MARCH 2005
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LOCATION: WELL NO. 4

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

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

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

Population Served 3,500

Number of routine samples 4  
 (Must collect a minimum of 5 routine samples the month following a repeat sample collection)

Number of actual routine samples 7

Does a M&AR violation exist? YES  NO

- If yes, check reason's below.
- Actual number of samples fewer than required.
  - Failure to analyze for E. Coli if there was a positive result for total coliform from routine, repeat of high turbidity sample.
  - Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

- If yes, check reason(s) below.
- Two or more positive total coliform samples for systems collecting 40 or more samples (routine, repeat or hiturb) per month.
  - Positive E. Coli result followed by a positive total coliform repeat sample.
  - Positive total coliform result followed by a positive E. Coli repeat sample.

Reported by: *Jill [Signature]*

Date: 4-5-05

Title: Water Systems Supervisor

Certification No. NY0031941

# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD: MARCH	2005
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LOCATION: **WELL NO. 6**

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

Source: Ground Water

Does the system have a chlorination waiver? YES  NO

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl2	Lime	Sodium Hydroxide	
		Gallons	Cl2 use per 24hrs	Residual mg/l	Sulfur		
1	0	123	0	NR	NR		526920
2	0	123	0	NR	NR		526920
3	1	120	3	NR	NR		526921
4	0	120	0	NR	NR		526921
5	0						
6	0						
7	23	120	0	NR	NR		526944
8	0	120	0	NR	NR		526944
9	0	120	0	NR	NR		526944
10	0	120	0	NR	NR		526944
11	0	120	0	NR	NR		526944
12	0						
13	0						
14	0	120	0	NR	NR		526944
15	0	120	0	NR	NR		526944
16	0	0	0	NR	NR		526944
17	0	0	0	NR	NR		526944
18	0	0	0	NR	NR		526944
19	0						
20	0						
21	148	117	3	NR	NR		527092
22	0	117	0	NR	NR		527092
23	130	108	9	NR	NR		527222
24	683	87+63	21	NR	NR		527905
25	439	132	18	NR	NR		528344
26	0						
27	0						
28	1,156	95	37	0.88	6.3		529500
29	345	80+55	15	0.71	6.1		529845
30	343	125	10	0.60	6.1		530188
31	382	108	17	0.47	6.1		530570
TOT	3,650		133				
AVG.	117.74		4.29	No. Days:	31		

Population Served **3,500**

Number of routine samples 4  
 (Must collect a minimum of 5 routine samples the month following a repeat sample collection)

Number of actual routine samples 7

Does a M&AR violation exist? YES  NO

If yes, check reason's below.

Actual number of samples fewer than required.

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

Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

If yes, check reason(s) below.

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

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

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

Reported by: *M. J. [Signature]*

Date: 4-5-05

Title: Water Systems Supervisor

Certification No. NY0031941

# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD: MARCH 2005
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LOCATION: WELL NO. 7

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

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

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer
	Treated Water K Gals	Liquid Sodium Hypochlorite Gallons	Free Cl2 Residual per 24hrs mg/l	Lime Sodium Hydroxide	Totalizer		
					Cl2 use per 24hrs	Residual mg/l	
1	0	114	0	NR	NR	1625301	
2	3	114	0	NR	NR	1625304	
3	0	114	0	NR	NR	1625304	
4	0	114	0	NR	NR	1625304	
5	0						
6	0						
7	0	114	0	NR	NR	1625304	
8	0	114	0	NR	NR	1625304	
9	38	114	0	NR	NR	1625342	
10	0	114	0	NR	NR	1625342	
11	0	114	0	NR	NR	1625342	
12	0						
13	0						
14	0	114	0	NR	NR	1625342	
15	0	114	0	NR	NR	1625342	
16	0	114	0	NR	NR	1625342	
17	0	114	0	NR	NR	1625342	
18	0	114	0	NR	NR	1625342	
19	0						
20	0						
21	193	114	0	NR	NR	1625535	
22	0	114	0	NR	NR	1625535	
23	187	104	10	NR	NR	1625722	
24	1,110	80+70	24	NR	NR	1626832	
25	792	126	24	NR	NR	1627624	
26	0						
27	0						
28	2,310	60	66	0.88	6.3	1629934	
29	852	20+130	40	0.71	6.1	1630786	
30	833	130	20	0.60	6.1	1631619	
31	766	105	25	0.47	6.1	1632385	
TOT	7,084		209				
AVG.	228.52		6.74	No. Days:	31		

Population Served 3,500

Number of routine samples 4

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

Number of actual routine samples 7

Does a M&AR violation exist? YES  NO

If yes, check reason's below.

Actual number of samples fewer than required.

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

Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

If yes, check reason(s) below.

Two or more positive total coliform samples for systems collecting 40 or more samples (routine, repeat or future) 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: *JCI Pusep*

Date: 4-5-05

Title: Water Systems Supervisor

Certification No. NY0031941

# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD: MARCH 2005
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LOCATION: WELL NO. 10

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

Source: Ground Water

Does the system have a chlorination waiver? YES  NO

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl2 Residual mg/l	Lime Sodium Hydroxide	Totalizer	
		Gallons	Cl2 use per 24hrs				
1	0	0	0	NR	NR	770988	
2	0	0	0	NR	NR	770988	
3	0	0	0	NR	NR	770988	
4	0	0	0	NR	NR	770988	
5	0						
6	0						
7	0	0	0	NR	NR	770988	
8	18	0	0	NR	NR	771006	
9	0	0	0	NR	NR	771006	
10	0	0	0	NR	NR	771006	
11	0	0	0	NR	NR	771006	
12	0						
13	0						
14	0	0	0	NR	NR	771006	
15	0	0	0	NR	NR	771006	
16	0	0	0	NR	NR	771006	
17	0	0	0	NR	NR	771006	
18	0	0	0	NR	NR	771006	
19	0						
20	0						
21	0	0	0	NR	NR	771006	
22	0	0	0	NR	NR	771006	
23	0	0	0	NR	NR	771006	
24	0	0	0	NR	NR	771006	
25	0	0	0	NR	NR	771006	
26	0						
27	0						
28	0	0	0	NR	NR	771006	
29	0	0	0	NR	NR	771006	
30	0	0	0	NR	NR	771006	
31	0	0	0	NR	NR	771006	
TOT	18		0				
AVG.	0.58		0.00	No. Days:	31		

Population Served 3,500

Number of routine samples 4  
 (Must collect a minimum of 5 routine samples the month following a repeat sample collection)

Number of actual routine samples 2

Does a M&AR violation exist? YES  NO

If yes, check reason's below.

Actual number of samples fewer than required.

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

Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

If yes, check reason(s) below.

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

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

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

Reported by: *Bill Power*

Date: 4-5-05

Title: Water Systems Supervisor

Certification No. NY0031941



# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169

STATION 11515100

SUFFOLK COUNTY

REPORTING PERIOD: MARCH

2005

LOCATION: WELL NO. 11

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

Source: Ground Water

Does the system have a chlorination waiver? YES  NO

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl <sub>2</sub> Residual mg/l	Lime Sodium Hydroxide	Totalizer	
		Gallons	Cl <sub>2</sub> use per 24hrs				
1	8	105	3	NR	NR	623886	
2	0	105	0	NR	NR	623886	
3	9	102	3	0.81	6.7	623895	
4	1	105	0	0.82	7.1	623896	
5	0						
6	0						
7	35	105	0	NR	NR	623931	
8	0	105	0	0.70	6.1	623931	
9	1	105	0	NR	NR	623932	
10	0	105	0	0.64	7	623932	
11	0	105	0	NR	NR	623932	
12	0						
13	0						
14	3,023	102	3	0.91	7	626955	
15	116	102	0	0.90	7.6	627071	
16	50	102	0	NR	NR	627121	
17	22	102+39	0	0.98	7	627143	
18	2	141	0	0.94	7.8	627145	
19	0						
20	0						
21	817	150	0	NR	NR	627962	
22	248	138	12	0.70	7.7	628210	
23	75	136	2	NR	NR	628285	
24	512	136	0	NR	NR	628797	
25	0	136	0	NR	NR	628797	
26	0						
27	0						
28	130	136	0	NR	NR	628927	
29	0	136	0	0.35	6.7	628927	
30	2	136	0	NR	NR	628929	
31	0	136	0	NR	NR	628929	
TOT	5,051		23				
AVG	162.94		0.74	No. Days:	31		

Population Served 3,500

Number of routine samples 4

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

Number of actual routine samples 2

Does a M&AR violation exist? YES  NO

If yes, check reason's below.

Actual number of samples fewer than required.

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

Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

If yes, check reason(s) below.

Two or more positive total coliform samples for systems collecting 40 or more samples (routine, repeat or turb) 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: *S. A. News*

Date: 4-5-05

Title: Water Systems Supervisor

Certification No. NY0031941

# BROOKHAVEN NATIONAL LABORATORY

## WATER SYSTEMS OPERATION REPORT

PUBLIC WATER SUPPLY PROTECTION

PROGRAM CODE 169	STATION 11515100	SUFFOLK COUNTY	REPORTING PERIOD: MARCH 2005
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LOCATION: WELL NO. 12

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

Source: Ground Water

Does the system have a chlorination waiver? YES  NO

Day of month	CHLORINATION				pH		Totalizer Daily Totalizer
	Treated Water K Gals	Liquid Sodium Hypochlorite		Free Cl2 Residual mg/l	Lime Sodium Hydroxide	Totalizer	
		Gallons	Cl2 use per 24hrs				
1	1,159	84	15	NR	NR	710420	711579
2	880	57	12	NR	NR	712459	712459
3	799	48	9	0.70	7	713258	713258
4	898	40+105	8	0.73	6.9	714156	714156
5	0						
6	0						
7	3,380	72	73	0.77	6.9	717536	717536
8	1,303	57	15	0.74	6.1	718839	718839
9	712	42	15	NR	NR	719551	719551
10	1,466	33+117	9	0.70	7.1	721017	721017
11	1,177	138	12	NR	NR	722194	722194
12	0						
13	0						
14	3,461	102	36	0.78	7.3	725655	725655
15	1,292	90	12	0.71	7.5	726947	726947
16	1,243	75	15	0.67	7.9	728190	728190
17	1,336	60+90	15	0.64	7.6	729526	729526
18	1,447	138	12	1.20	8.1	730973	730973
19	0						
20	0						
21	3,326	102	36	1.10	7.6	734299	734299
22	1,188	90	12	1.40	7.2	735487	735487
23	999	81	9	NR	NR	736486	736486
24	1	81	0	NR	NR	736487	736487
25	0	81	0	NR	NR	736487	736487
26	0						
27	0						
28	0	81	0	NR	NR	736487	736487
29	0	81	0	0.62	7.6	736487	736487
30	6	81	0	NR	NR	736493	736493
31	0	81	0	NR	NR	736493	736493
TOT	26,073		315				
AVG.	841.06		10.16	No. Days:	31		

Population Served 3,500

Number of routine samples 4

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

Number of actual routine samples 7

Does a M&AR violation exist? YES  NO

If yes, check reason's below.

Actual number of samples fewer than required.

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

Failure to analyze repeat samples.

Does an MCL violation exist? YES  NO

If yes, check reason(s) below.

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

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

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

Reported by: *[Signature]*

Date: 4-5-05

Title: Water Systems Supervisor

Certification No. NY0031941

3/31/2005  
Pump Data

MONTHLY GALLONAGE REPORT  
MARCH2005.XLS

Date	Well 4	Well 6	Well 7	Well10	Well11	Well12	Daily Total
1	0	0	0	0	8	1,159	1,167
2	0	0	3	0	0	880	883
3	0	1	0	0	9	799	809
4	0	0	0	0	1	898	899
5	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0
7	0	23	0	0	35	3,380	3,438
8	0	0	0	18	0	1,303	1,321
9	0	0	38	0	1	712	751
10	0	0	0	0	0	1,466	1,466
11	0	0	0	0	0	1,177	1,177
12	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0
14	0	0	0	0	3,023	3,461	6,484
15	0	0	0	0	116	1,292	1,408
16	0	0	0	0	50	1,243	1,293
17	0	0	0	0	22	1,336	1,358
18	0	0	0	0	2	1,447	1,449
19	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0
21	0	148	193	0	817	3,326	4,484
22	0	0	0	0	248	1,188	1,436
23	0	130	187	0	75	999	1,391
24	0	683	1,110	0	512	1	2,306
25	0	439	792	0	0	0	1,231
26	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0
28	0	1,156	2,310	0	130	0	3,596
29	0	345	852	0	0	0	1,197
30	0	343	833	0	2	6	1,184
31	0	382	766	0	0	0	1,148
Total	0	3,650	7,084	18	5,051	26,073	41,876
		Totalizer This Month		Totalizer Last Month		Total(x1,000) Gallons	
	Well 4	1,648,622		1,648,622		0	
	Well 6	530,570		526,920		3,650	
	Well 7	1,632,385		1,625,301		7,084	
	Well 10	771,006		770,988		18	
	Well 11	628,929		623,878		5,051	
	Well 12	736,493		710,420		26,073	
AGS Water Supply Meter		531,763		525,866		5897.00	
Medical Reactor - Well 105		0		0		0.00	
Biology Building - Well 9		679,277		679,277		0.00	

**ATTACHMENT II**

**Brookhaven National Laboratory**

**Potable Water Supply**

**March 2005 Biweekly Water Quality Monitoring Data**

**for the BNL Distribution System and**

**Semi-Annual Monitoring Data for the Potable Water Wells**

**Attachment II**  
**Table 1 - Summary of Water Quality Analyses**  
**for the BNL Potable Water System**  
**March 2005**

Sample Location	Sample Date	pH (SU)	Temperature (Degrees F)	Conductivity (µmhos)	Alkalinity (mg/L)	Calcium (mg/L)
WTP	3/1/05	7.4	55	218	ANR	ANR
WTP	3/3/05	7.5	55	253	ANR	ANR
WTP	3/8/05	6.4	52	160	ANR	ANR
WTP	3/10/05	6.8	51	184	ANR	ANR
WTP	3/15/05	7.8	52	208	ANR	ANR
WTP	3/17/05	7.9	52	210	ANR	ANR
WTP	3/22/05	7.7	52	145	ANR	ANR
WTP	3/25/05	7.6	51	142	ANR	ANR
WTP	3/29/05	7.4	52	141	ANR	ANR
WTP	3/31/05	7.5	53	151	ANR	ANR
Well 11	3/3/05	6.7	55	211	ANR	ANR
Well 11	3/8/05	6.1	55	154	ANR	ANR
Well 11	3/10/05	7.0	55	187	ANR	ANR
Well 11	3/15/05	7.6	55	221	ANR	ANR
Well 11	3/17/05	7.5	55	274	ANR	ANR
Well 11	3/29/05	6.7	55	307	ANR	ANR
Well 12	3/3/05	7.0	55	204	ANR	ANR
Well 12	3/8/05	6.1	55	157	ANR	ANR
Well 12	3/10/05	7.1	55	190	ANR	ANR
Well 12	3/15/05	7.5	55	226	ANR	ANR
Well 12	3/17/05	7.2	55	200	ANR	ANR
Well 12	3/29/05	7.6	56	247	ANR	ANR
Well 6	3/4/05	6.90	58	95	12.4	4.05
Well 7	3/4/05	6.71	54	129	24.0	5.09
Well 10	3/4/05	6.71	56	103	31.3	5.27
Well 11	3/4/05	7.63	59	140	12.9	5.24
Well 12	3/4/05	7.90	62	168	19.0	8.19

ANR- Analysis Not Required

NR- Not Reported

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

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0503126-009

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

Federal ID : 5111891

Client ID. : 19611-009

Collected : 3/4/2005 12:23:00 PM

Point No: 093-07

Received : 3/4/2005 3:40:00 PM

Location: Well #6 Raw

Collected By CLIENT

Copy : Original

CC

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Alkalinity, Total (As CaCO3)	12.4		1	mg/L		M2320 B	03/07/2005 10:33 AM

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

Date Reported : 3/21/2005

*Joann M. Slavin*

Laboratory Manager

BNLM159 A27

U.S. EPA - CLP

1  
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

19611-009

Lab Name: H2M LABS, INC.

Contract:

Lab Code: 10478

Case No.

SAS No.:

SDG No.: BNLM159

Matrix (soil/water): WATER

Lab Sample ID: 0503126-009

Level (low/med): LOW

Date Received: 3/4/2005

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-70-2	Calcium	4050			P

Color Before: COLORLESS Clarity Before: CLEAR

Texture: \_\_\_\_\_

Color After: COLORLESS Clarity After: CLEAR

Artifacts: \_\_\_\_\_

*Well #6  
Sampled 3-4-05*

Comments:

Date Reported: 3/17/05

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0503126-010

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

Federal ID : 5111891

Client ID. : 19611-010

Collected : 3/4/2005 12:29:00 PM Point No: 092-03  
Received : 3/4/2005 3:40:00 PM Location: Well #7 Raw

Collected By CLIENT

Copy : Original

CC

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Alkalinity, Total (As CaCO3)	24.0		1	mg/L		M2320 B	03/07/2005 10:38 AM

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

Date Reported : 3/21/2005

*Joann M. Slavin*

Laboratory Manager

BNLM159 A29



U.S. EPA - CLP

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

19611-010

Lab Name: H2M LABS, INC.

Contract:

Lab Code: 10478

Case No.

SAS No.:

SDG No. BNLM159

Matrix (soil/water): WATER

Lab Sample ID: 0503126-010

Level (low/med)

LOW

Date Received: 3/4/2005

% Solids:

0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-70-2	Calcium	5092			P

Color Before: COLORLESS Clarity Before: CLEAR

Texture:

Color After: COLORLESS Clarity After: CLEAR

Artifacts

Well #7  
Sampled 3-4-05

Comments:

Date Reported: 3/17/05

BNLM159 A28  
4/16/05

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0503126-011

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

Federal ID : 5111891

Client ID. : 19611-011

Collected : 3/4/2005 11:38:00 AM Point No: 055-09  
Received : 3/4/2005 3:40:00 PM Location: Well #10 Raw

Collected By CLIENT

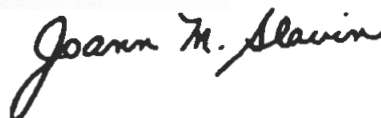
Copy : Original

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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Alkalinity, Total (As CaCO3)	31.3		1	mg/L		M2320 B	03/07/2005 10:43 AM

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

Date Reported : 3/21/2005



Laboratory Manager

U.S. EPA - CLP

1  
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

19611-011

Lab Name: H2M LABS, INC.

Contract:

Lab Code: 10478

Case No.

SAS No.:

SDG No.: BNLM159

Matrix (soil/water): WATER

Lab Sample ID: 0503126-011

Level (low/med): LOW

Date Received: 3/4/2005

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-70-2	Calcium	5270			P

Color Before: COLORLESS Clarity Before: CLEAR

Texture: \_\_\_\_\_

Color After: COLORLESS Clarity After: CLEAR

Artifacts: \_\_\_\_\_

*Well # 10  
Sampled 3-4-05*

Comments:

Date Reported: 3/17/05

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# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0503126-012

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

Federal ID : 5111891

Client ID. : 19611-012

Collected : 3/4/2005 11:29:00 AM

Point No: 056-19

Received : 3/4/2005 3:40:00 PM

Location: Well #11 Raw

Collected By CLIENT

Copy : Original

CC

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Alkalinity, Total (As CaCO3)	12.9		1	mg/L		M2320 B	03/07/2005 10:48 AM

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

Date Reported : 3/21/2005

*Joann M. Slavin*

Laboratory Manager

U.S. EPA - CLP

1  
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

19611-012

Lab Name: H2M LABS, INC.

Contract:

Lab Code: 10478

Case No.

SAS No.:

SDG No.: BNLM159

Matrix (soil/water): WATER

Lab Sample ID: 0503126-012

Level (low/med): LOW

Date Received: 3/4/2005

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-70-2	Calcium	5240			P

Color Before: COLORLESS Clarity Before: CLEAR

Texture: \_\_\_\_\_

Color After: COLORLESS Clarity After: CLEAR

Artifacts: \_\_\_\_\_

*Well # 11  
Sampled 3-4-05*

Comments:

Date Reported: 3/17/05

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0503126-013

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

Federal ID : 5111891

Client ID. : 19611-013

Collected : 3/4/2005 11:08:00 AM

Point No: 056-20

Received : 3/4/2005 3:40:00 PM

Location: Well #12 Raw

Collected By CLIENT

Copy : Original

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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Alkalinity, Total (As CaCO3)	19.0		1	mg/L		M2320 B	03/07/2005 10:53 AM

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

Date Reported : 3/21/2005

*Joann M. Slavin*

Laboratory Manager

U.S. EPA - CLP

1  
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

19611-013

Lab Name: H2M LABS, INC.

Contract:

Lab Code: 10478

Case No.

SAS No.:

SDG No.: BNLM159

Matrix (soil/water): WATER

Lab Sample ID: 0503126-013

Level (low/med): LOW

Date Received: 3/4/2005

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-70-2	Calcium	8190			P

Color Before: COLORLESS Clarity Before: CLEAR

Texture: \_\_\_\_\_

Color After: COLORLESS Clarity After: CLEAR

Artifacts: \_\_\_\_\_

*Well #12  
Sampled 3-4-05*

Comments:

Date Reported: 3/17/05

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**ATTACHMENT III**

**Brookhaven National Laboratory**

**Potable Water Supply**

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

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



Attachment III

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

Location	Total Residual Chlorine (mg/L)											
	Apr. 04	May 04	June 04	July 04	Aug. 04	Sept. 04	Oct. 04	Nov. 04	Dec. 04	Jan. 05	Feb. 05	Mar. 05
Bldg. 49 Water Tower	1.0	1.0	0.8	0.8	1.0	0.7	0.8	0.8	0.5	0.7	2.0	0.9
Bldg. 640 Water Tower	0.6	1.0	0.6	0.5	0.5	0.3	0.6	0.5	0.5	0.6	0.6	0.9
Bldg. 363 Apt. Laundry	0.3	0.8	0.4	0.6	0.5	0.6	0.5	0.5	0.4	0.6	0.7	0.9
Bldg. 1005 RHIC	0.4	0.6	0.5	0.6	0.5	0.5	0.5	0.5	0.4	0.5	0.6	1.1
Bldg. 930 LINAC	NS	0.9	NS	0.8	NS	0.9	NS	0.8	NS	0.6	NS	1.0
Bldg. 725 NSLS	1.7	NS	0.8	NS	0.9	NS	0.7	NS	0.5	NS	0.7	NS
Bldg. 490 Outpatient Clinic	NS	1.0	NS	0.8	NS	0.7	NS	0.7	NS	0.7	NS	0.5
Bldg. 490 Block 11	NS	1.0	NS	0.6	NS	0.3	NS	0.8	NS	0.6	NS	0.4
Bldg. 490 Block 1 ACF	1.0	NS	0.6	NS	0.4	NS	0.8	NS	0.5	NS	0.5	NS
Bldg. 490 Block 4 MRC	1.1	NS	0.6	NS	0.9	NS	0.7	NS	0.5	NS	0.7	NS
<b>Monthly Average</b>	0.9	0.9	0.6	0.7	0.7	0.6	0.7	0.7	0.5	0.6	0.8	0.8

NA - Not Applicable

NS- Not Scheduled for sampling

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

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0503126-001

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

Federal ID : 5111891

Client ID. : 19611-001

Collected : 3/4/2005 10:00:00 AM

Point No: 094-273

Received : 3/4/2005 3:40:00 PM

Location: B-49 Water Tower

Collected By CLIENT

Copy : Original

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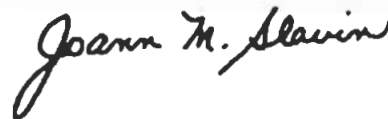
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	03/05/2005 12:00 PM
E_Coliform	Absent		1		Absent	M9223	03/05/2005 12:00 PM
Total Residual Chlorine	0.9		1	mg/L		M4500-Cl G	03/04/2005

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

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

D.F. = Dilution Factor

Date Reported : 3/21/2005



Laboratory Manager

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0503126-002

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

Federal ID : 5111891

Client ID. : 19611-002

Collected : 3/4/2005 9:35:00 AM

Point No: 076-408

Received : 3/4/2005 3:40:00 PM

Location: B-640 Water Tower

Collected By CLIENT

Copy : Original

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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	03/05/2005 12:00 PM
E_Coliform	Absent		1		Absent	M9223	03/05/2005 12:00 PM
Total Residual Chlorine	0.9		1	mg/L		M4500-CI G	03/04/2005

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

Date Reported : 3/21/2005

*Joann M. Slavin*

Laboratory Manager

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0503126-003

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

Federal ID : 5111891

Client ID. : 19611-003

Collected : 3/4/2005 10:20:00 AM Point No: 045-12  
Received : 3/4/2005 3:40:00 PM Location: B-1005 RHIC

Collected By CLIENT

Copy : Original

CC

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	03/05/2005 12:00 PM
E_Coliform	Absent		1		Absent	M9223	03/05/2005 12:00 PM
Total Residual Chlorine	1.1		1	mg/L		M4500-CI G	03/04/2005

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

Date Reported : 3/21/2005

*Joann M. Slavin*

Laboratory Manager

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0503126-004

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

Federal ID : 5111891

Client ID. : 19611-004

Collected : 3/4/2005 10:38:00 AM

Point No: 109-19

Received : 3/4/2005 3:40:00 PM

Location: B-363 Apt.Laundry

Collected By CLIENT

Copy : Original

CC

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	03/05/2005 12:00 PM
E_Coliform	Absent		1		Absent	M9223	03/05/2005 12:00 PM
Total Residual Chlorine	0.9		1	mg/L		M4500-CI G	03/04/2005

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

Date Reported : 3/21/2005

*Joann M. Slavin*

Laboratory Manager

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0503126-005

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

Federal ID : 5111891

Client ID. : 19611-005

Collected : 3/4/2005 9:20:00 AM

Point No: 054-187

Received : 3/4/2005 3:40:00 PM

Location: B-930 LINAC

Collected By CLIENT

Copy : Original

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<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	03/05/2005 12:00 PM
E_Coliform	Absent		1		Absent	M9223	03/05/2005 12:00 PM
Total Residual Chlorine	1.0		1	mg/L		M4500-CI G	03/04/2005

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

Date Reported : 3/21/2005

*Joann M. Slavin*

Laboratory Manager

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0503126-006

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

Federal ID : 5111891

Client ID. : 19611-006

Collected : 3/4/2005 8:40:00 AM

Point No: 084-70

Received : 3/4/2005 3:40:00 PM

Location: B-490 Outpatient Clinic

Collected By CLIENT

Copy : Original

CC

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	03/05/2005 12:00 PM
E_Coliform	Absent		1		Absent	M9223	03/05/2005 12:00 PM
Total Residual Chlorine	0.5		1	mg/L		M4500-CI G	03/04/2005

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

Date Reported : 3/21/2005

*Joann M. Slavin*

Laboratory Manager

BNLM159 A23

# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0503126-007

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

Federal ID : 5111891

Client ID. : 19611-007

Collected : 3/4/2005 9:00:00 AM

Point No: 084-67

Received : 3/4/2005 3:40:00 PM

Location: B-490 Block 11

Collected By CLIENT

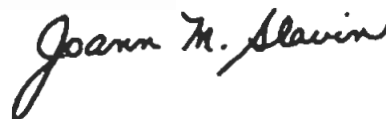
Copy : Original

CC

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	03/05/2005 12:00 PM
E_Coliform	Absent		1		Absent	M9223	03/05/2005 12:00 PM
Total Residual Chlorine	0.4		1	mg/L		M4500-CI G	03/04/2005

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

Date Reported : 3/21/2005



Laboratory Manager

BNLM159 A24



# H2M LABS, INC.

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

## LABORATORY RESULTS

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

Lab No. : 0503126-008

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

Federal ID : 5111891

Client ID. : 19611-008

Collected : 3/4/2005 10:20:00 AM

Point No: 045-12

Received : 3/4/2005 3:40:00 PM

Location: B-1005 RHIC -- Duplicate

Collected By CLIENT

Copy : Original

CC

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	03/05/2005 12:00 PM
E_Coliform	Absent		1		Absent	M9223	03/05/2005 12:00 PM
Total Residual Chlorine	1.1		1	mg/L		M4500-Cl G	03/04/2005

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

Date Reported : 3/21/2005

*Joann M. Slavin*

Laboratory Manager

BNLM159 A25