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for the U.S. Department of Energy

June 7, 2006

Ms. Kathleen Newcomer
Suffolk County Department of Health Services
Office of Water Resources
Bureau of Drinking Water
Suite 1C
360 Yaphank Avenue
Yaphank, New York 11980

Dear Ms. Kathleen Newcomer:

Subject: Monthly Water Treatment Plant Reports
Reference: Suffolk County Minimum Monitoring Requirements for May 2006

In accordance with the requirements of the BNL Potable Water System Sampling Plan and the 2006 SCDHS Minimum Monitoring Requirements for the BNL Potable Water Supply, included please find the following attachments for your records:

- Attachment I: BNL Potable Water Monthly Operational Data for May 2006.
- Attachment II: May 2006 Biweekly Water Quality Monitoring Data for the BNL Distribution System and Potable Water Wells.
- Attachment III: May 2006 Stage 1 Disinfectants & Disinfection Byproduct Rule * Monitoring Data and Bacteriological Analyses for the BNL Distribution System.
- Attachment IV: 2006 Second Quarter Radiological Analyses for the BNL Potable Water Wells.

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



ENVIRONMENTAL
MANAGEMENT SYSTEM
REGISTERED TO
ISO 14001:2004

available from the Environmental and Waste Management Services Division and Plant Engineering Divisions. Based on this information, we believe the values contained in these reports are representative of the BNL potable water system.

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

Sincerely,



George A. Goode
Environmental & Waste Management Services
Division Manager

GAG/JB:car

Attachments: As noted

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

File: EC61ER.06

ATTACHMENT I

Brookhaven National Laboratory

Potable Water Supply

Monthly Operational Data for May 2006

for the BNL Potable Water System

Water Systems Operation Report
Water Treatment Facility - Microbiological Sample Results

Public Water System Name		Reporting Month/Year	Date Report Submitted		Source Water Type(s)					
Brookhaven National Laboratory		05/2006	5/31/2006		<input type="checkbox"/> Surface <input checked="" type="checkbox"/> Ground <input type="checkbox"/> GWUDI					
Public Water System ID		County	Town, Village, or City		<input type="checkbox"/> Purchase with subsequent chlorination <input type="checkbox"/> Purchase w/out subsequent chlorination					
5111891		Suffolk	Upton, New York 11973							
DATE	Source(s) in Use Well(s) No.:	Treated water volume (1,000 gallons/day)	Chlorination				Other Treatments / Readings			Daily Totalizer
			Gaseous		Liquid		Free chlorine residual at entry point (mg/l) (WTF-624)	Hypochlorite used/day (WTF - 624)	pH Lime Softening (WTF-624)	
			Cylinder weight (lbs.)	Chlorine used per day (lbs.)	Hypochlorite (gallons Hypochlorite in Tank)					
					80					351,668
1		-								
2	6&7	1,418	NA	NA	65	.67	15	7.4	6.0	353,086
3	6+7	1,511	NA	NA	52	1.0	13	7.6	6.0	354,597
4	6&7	1,166	NA	NA	45+50=95	.80	7	7.7	6.0	355,763
5	6&7	1,327	NA	NA	85+20=105	.56	10	7.8	6.0	357,090
6		-								
7		-								
8	6&7	3,507	NA	NA	70	.9	35	7.8	6.0	360,597
9	6&7	1,203	NA	NA	60	.67	10	7.6	6.1	361,800
10	6&7	1,215	NA	NA	49+51	8	11	7.7	6.1	363,015
11	6&7	1,036	NA	NA	90	.72	10	7.7	6.1	364,051
12	6&7	1,284	NA	NA	80	.71	10	7.9	6.0	365,335
13		-								
14		-								
15	6&7	3,611	NA	NA	45	.56	35	7.8	6.1	368,946
16	6&7	1,021	NA	NA	35+165	.94	10	7.7	6.1	369,967
17	6&7	1,066	NA	NA	180	.76	20	8.0	6.0	371,033
18	6&7	1,171	NA	NA	170	.78	10	7.6	6.1	372,204
19	6&7	1,176	NA	NA	160	.53	10	7.7	6.1	373,380
20		-								
21		-								
22	6&7	2,937	NA	NA	130	.72	30	7.6	6.1	376,317
23	6&7	1,037	NA	NA	125	.60	5	7.5	6.0	377,354
24	6&7	1,042	NA	NA	115	1.1	10	7.5	6.1	378,396
25	6&7	1,175	NA	NA	100	1.22	15	7.4	6.1	379,571
26	6&7	1,320	NA	NA	90	.66	10	7.6	6.1	380,891
27	6&7	1,198	NA	NA	80	.82	10	7.6	6.0	382,089
28		-								
29		-								
30		3,345			45+55	.91	35	7.5	6.0	385,434
31		1,526			90	.83	10	7.5	6.0	386,960
Total		35,292	DAY	31						
AVG.		1,138.45								

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

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

Signature: *Lowell Ross* Date: 6-5-06 Operator Grade Level 1A-SW/GUI

Public Water System Name Brookhaven National Laboratory	Reporting Month/Year 5/2006	Date Report Submitted 5/31/2006	Source Water Type(s) <input type="checkbox"/> Surface <input checked="" type="checkbox"/> Ground <input type="checkbox"/> GWUDI
Public Water System ID 5111891	County Suffolk	Town, Village, or City Upton, New York 11973	<input type="checkbox"/> Purchase with subsequent chlorination <input type="checkbox"/> Purchase w/out subsequent chlorination

DATE	Source(s) in Use Well No.: 4	Treated water volume (1,000 gallons/day)	Chlorination				Free chlorine residual at entry point (mg/l) (WTF-raw)	Hypochlorite used/day	Other Treatments / Readings	Daily Totalizer
			Gaseous		Liquid					
			Cylinder weight (lbs.)	Chlorine used per day (lbs.)	Hypochlorite (gallons Hypochlorite in Tank)					
					0				1,648,622	
1										
2	W4	-	NA	NA	0	NR	NR		1,648,622	
3	W4	-	NA	NA	0	NR	NR		1,648,622	
4	W4	-	NA	NA	0	NR	NR		1,648,622	
5	W4	-	NA	NA	0	NR	NR		1,648,622	
6		-								
7		-								
8	W4	-	NA	NA	0	NR	NR		1,648,622	
9	W4	-	NA	NA	0	NR	NR		1,648,622	
10	W4	-	NA	NA	0	NR	NR		1,648,622	
11	W4	-	NA	NA	0	NR	NR		1,648,622	
12	W4	-	NA	NA	0	NR	NR		1,648,622	
13		-								
14		-								
15	W4	-	NA	NA	0	NR	NR		1,648,622	
16	W4	-	NA	NA	0	NR	NR		1,648,622	
17	W4	-	NA	NA	0	NR	NR		1,648,622	
18	W4	-	NA	NA	0	NR	NR		1,648,622	
19	W4	-	NA	NA	0	NR	NR		1,648,622	
20		-								
21		-								
22	W4	-	NA	NA	0	NR	NR		1,648,622	
23	W4	-	NA	NA	0	NR	NR		1,648,622	
24	W4	-	NA	NA	0	NR	NR		1,648,622	
25	W4	-	NA	NA	0	NR	NR		1,648,622	
26	W4	-	NA	NA	0	NR	NR		1,648,622	
27	W4	-	NA	NA	0	NR	NR		1,648,622	
28		-								
29		-								
30	W4	-	NR	NR	0	NR	NR		1,648,622	
31	W4	-	NR	NR	0	NR	NR		1,648,622	
Total		-	Days	31						
AVG.		-								

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

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

Signature:  Date: 6-5-06 Operator Grade Level 1A-SW/GUI

Public Water System Name		Reporting Month/Year		Date Report Submitted		Source Water Type(s)				
Brookhaven National Laboratory		5/2006		5/31/2006		<input type="checkbox"/> Surface <input checked="" type="checkbox"/> Ground <input type="checkbox"/> GWUDI <input type="checkbox"/> Purchase with subsequent chlorination <input type="checkbox"/> Purchase w/out subsequent chlorination				
Public Water System ID		County		Town, Village, or City						
5111891		Suffolk		Upton, New York 11973						
DATE	Source(s) in Use Well No.: 6	Treated water volume (1,000 gallons/day)	Chlorination			Free chlorine point (mg/l) (WTP-RAW)	Hypochlorite used/day	Other Treatments / Readings		Daily Totalizer
			Gaseous		Liquid					
			Cylinder weight (lbs.)	Chlorine used per day (lbs.)	Hypochlorite (gallons Hypochlorite in Tank)					
					87					634,080
1										
2	W6	648	NA	NA	78	0.04	9			634,728
3	W6	232	NA	NA	78	0.06				634,960
4	W6	193	NA	NA	75+75=150	0.03	3			635,153
5	W6	278	NA	NA	150	0.03				635,431
6		-								
7		-								
8	W6	853	NA	NA	126	0.02	24			636,284
9	W6	217	NA	NA	120	0.02	6			636,501
10	W6	65	NA	NA	120	0.12				636,566
11	W6	133	NA	NA	117	0.02	3			636,699
12	W6	97	NA	NA	114	0.02	3			636,796
13		-								
14		-								
15		510	NA	NA	102	0.10	12			637,306
16	W6	50	NA	NA	95+55	0.10	7			637,356
17	W6	5	NA	NA	148	0.10	2			637,361
18	W6	399	NA	NA	136	0.13	12			637,760
19	W6	324	NA	NA	121	0.09	15			638,084
20		-								
21		-								
22	W6	1,030	NA	NA	93	0.10	28			639,114
23	W6	420	NA	NA	84+66=150	0.04	10			639,534
24	W6	152	NA	NA	147	0.03	6			639,686
25	W6	242	NA	NA	135	0.03	12			639,928
26	W6	209	NA	NA	132	0.04	3			640,137
27	W6	297	NA	NA	120	0.03	13			640,434
28		-								
29		-								
30	W6	1,397	NA	NA	72	0.03	48			641,831
31	W6	657	NA	NA	48	0.01	24			642,488
Total		8,408	Days	31			240.1			
AVG.		271.23				0.053818182	7.74516129			

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

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

Signature: *Lowell Ross* Date: 6-5-06 Operator Grade Level: 1A-SW/GUI

Public Water System Name	Reporting Month/Year	Date Report Submitted	Source Water Type(s)
Brookhaven National Laboratory	5/2006	5/31/2006	<input type="checkbox"/> Surface <input checked="" type="checkbox"/> Ground <input type="checkbox"/> GWUDI
Public Water System ID	County	Town, Village, or City	<input type="checkbox"/> Purchase with subsequent chlorination <input type="checkbox"/> Purchase w/out subsequent chlorination
5111891	Suffolk	Upton, New York 11973	

DATE	Source(s) in Use Well No.: 7	Treated water volume (1,000 gallons/day)	Chlorination				Other Treatments / Readings			Daily Totalizer
			Gaseous		Liquid	Free chlorine residual at entry point (mg/l) (WTF-RAW)	Hypochlorite used/day			
			Cylinder weight (lbs.)	Chlorine used per day (lbs.)	Hypochlorite (gallons Hypochlorite in Tank)					
					105				1,958,893	
1		-								
2	W7	1,447	NA	NA	84	0.04	21		1,960,340	
3	W7	1,513	NA	NA	63	0.06	21		1,961,853	
4	W7	1,100	NA	NA	50+100=150	0.03	13		1,962,953	
5	W7	1,257	NA	NA	141	0.03	9		1,964,210	
6		-								
7		-								
8	W7	4,053	NA	NA	87	0.02	54		1,968,263	
9	W7	1,506	NA	NA	63	0.02	24		1,969,769	
10	W7	1,523	NA	NA	48+102	0.12	15		1,971,292	
11	W7	1,518	NA	NA	141	0.02	9		1,972,810	
12	W7	1,510	NA	NA	120	0.01	21		1,974,320	
13		-								
14		-								
15	W7	4,575	NA	NA	65	0.10	55		1,978,895	
16	W7	1,482	NA	NA	45+105	0.10	20		1,980,377	
17	W7	1,509	NA	NA	137	0.10	13		1,981,886	
18	W7	1,230	NA	NA	125	0.13	12		1,983,116	
19	W7	1,126	NA	NA	115	0.09	10		1,984,242	
20		-								
21		-								
22	W7	2,894	NA	NA	66	0.10	49		1,987,136	
23	W7	1,039	NA	NA	60+90=150	0.04	6		1,988,175	
24	W7	980	NA	NA	147	0.03	6		1,989,155	
25	W7	1,206	NA	NA	135	0.03	12		1,990,361	
26	W7	1,352	NA	NA	120	0.04	15		1,991,713	
27	W7	1,157	NA	NA	105	0.03	15		1,992,870	
28		-								
29		-								
30	W7	3,567	NA	NA	63	0.03	42		1,996,437	
31	W7	1,496	NA	NA	42	0.01	21		1,997,933	
Total		39,040	Days	31			463.1			
AVG.		1259.35484				0.053363636	14.93870968			

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

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

Signature: *Lowell Ross* Date: 6-5-06 Operator Grade Level 1A-SW/GUI

Public Water System Name	Reporting Month/Year	Date Report Submitted	Source Water Type(s)
Brookhaven National Laboratory	5/2006	5/31/2006	<input type="checkbox"/> Surface <input checked="" type="checkbox"/> Ground <input type="checkbox"/> GWUDI
Public Water System ID	County	Town, Village, or City	<input type="checkbox"/> Purchase with subsequent chlorination
5111891	Suffolk	Upton, New York 11973	<input type="checkbox"/> Purchase w/out subsequent chlorination

DATE	Source(s) in Use Well No.: 10	Treated water volume (1,000 gallons/day)	Chlorination				Other Treatments / Readings			Daily Totalizer
			Gaseous		Liquid		Free chlorine residual at entry point (mg/l)	Hypochlorite used/day	pH Sodium Hydroxide	
			Cylinder weight (lbs.)	Chlorine used per day (lbs.)	Hypochlorite (gallons Hypochlorite in Tank)					
		-			0				772,134	
1		-								
2	W10	-	NA	NA	0	NR	NR	NR	772,134	
3	W10	-	NA	NA	0	NR	NR	NR	772,134	
4	W10	-	NA	NA	0	NR	NR	NR	772,134	
5	W10	-	NA	NA	0	NR	NR	NR	772,134	
6		-								
7		-								
8	W10	-	NA	NA	0	NR	NR	NR	772,134	
9	W10	-	NA	NA	0	NR	NR	NR	772,134	
10	W10	-	NA	NA	0	NR	NR	NR	772,134	
11	W10	-	NA	NA	0	NR	NR	NR	772,134	
12	W10	-	NA	NA	0	NR	NR	NR	772,134	
13		-								
14		-								
15	W10	-	NA	NA	0	NR	NR	NR	772,134	
16	W10	-	NA	NA	0	NR	NR	NR	772,134	
17	W10	-	NA	NA	0	NR	NR	NR	772,134	
18	W10	-	NA	NA	0	NR	NR	NR	772,134	
19	W10	-	NA	NA	0	NR	NR	NR	772,134	
20		-								
21		-								
22	W10	-	NA	NA	0	NR	NR	NR	772,134	
23	W10	-	NA	NA	0	NR	NR	NR	772,134	
24	W10	-	NA	NA	0	NR	NR	NR	772,134	
25	W10	-	NA	NA	0	NR	NR	NR	772,134	
26	W10	-	NA	NA	0	NR	NR	NR	772,134	
27	W10	-	NA	NA	0	NR	NR	NR	772,134	
28		-								
29		-								
30	W10	-	NA	NA	0	NR	NR	NR	772,134	
31	W10	-	NA	NA	0	NR	NR	NR	772,134	
Total		-	Days	31						
AVG.										

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

Reported by: Lowell Ross Title: Water Systems Supervisor NYS DOH Operator Certification Number: NY0031941
Signature: *Lowell Ross* Date: 6-5-06 Operator Grade Level 1A-SW/GUI

Public Water System Name	Reporting Month/Year	Date Report Submitted	Source Water Type(s)
Brookhaven National Laboratory	5/2006	5/31/2006	<input type="checkbox"/> Surface <input checked="" type="checkbox"/> Ground <input type="checkbox"/> GWUDI
Public Water System ID	County	Town, Village, or City	<input type="checkbox"/> Purchase with subsequent chlorination <input type="checkbox"/> Purchase w/out subsequent chlorination
5111891	Suffolk	Upton, New York 11973	

DATE	Source(s) in Use Well No.: 11	Treated water volume (1,000 gallons/day)	Chlorination				Other Treatments / Readings			Daily Totalizer
			Gaseous		Liquid		Free chlorine residual at entry point (mg/l)	Hypochlorite used/day	pH Sodium Hydroxide	
			Cylinder weight (lbs.)	Chlorine used per day (lbs.)	Hypochlorite (gallons Hypochlorite in Tank)					
					45				722,816	
1		-								
2	W11	-	NA	NA	45	NR	NR	NR	722,816	
3	W11	-	NA	NA	45		NR	NR	722,816	
4	W11	-	NA	NA	45	NR	NR	NR	722,816	
5	W11	-	NA	NA	45	NR	NR	NR	722,816	
6		-								
7		-								
8	W11	-	NA	NA	45	NR	NR	NR	722,816	
9	W11	-	NA	NA	45	NR	NR	NR	722,816	
10	W11	-	NA	NA	45	NR	NR	NR	722,816	
11	W11	-	NA	NA	45	NR	NR	NR	722,816	
12	W11	-	NA	NA	45	NR	NR	NR	722,816	
13		-								
14		-								
15	W11	-	NA	NA	45	NR	NR	NR	722,816	
16	W11	-	NA	NA	45	NR	NR	NR	722,816	
17	W11	-	NA	NA	45	NR	NR	NR	722,816	
18	W11	-	NA	NA	45	NR	NR	NR	722,816	
19	W11	-	NA	NA	45	NR	NR	NR	722,816	
20		-								
21		-								
22	W11	46	NA	NA	45	NR	NR	NR	722,862	
23	W11	-	NA	NA	45	NR	NR	NR	722,862	
24	W11	-	NA	NA	45	NR	NR	NR	722,862	
25	W11	-	NA	NA	45	NR	NR	NR	722,862	
26	W11	-	NA	NA	45	NR	NR	NR	722,862	
27	W11	-	NA	NA	45	NR	NR	NR	722,862	
28		-								
29		-								
30	W11	-	NA	NA	45	NR	NR	NR	722,862	
31	W11	-	NA	NA	45	NR	NR	NR	722,862	
Total		46	Days	31						
AVG.		1								

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

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

Signature: *Lowell Ross* Date: 6-5-06 Operator Grade Level 1A-SW/GUI

Public Water System Name Brookhaven National Laboratory	Reporting Month/Year 5/2006	Date Report Submitted 5/31/2006	Source Water Type(s) <input type="checkbox"/> Surface <input checked="" type="checkbox"/> Ground <input type="checkbox"/> GWUDI
Public Water System ID 5111891	County Suffolk	Town, Village, or City Upton, New York 11973	<input type="checkbox"/> Purchase with subsequent chlorination <input type="checkbox"/> Purchase w/out subsequent chlorination

DATE	Source(s) in Use Well No.: 12	Treated water volume (1,000 gallons/day)	Chlorination				Other Treatments / Readings			Daily Totalizer
			Gaseous		Liquid		Free chlorine residual at entry point (mg/l)	Hypochlorite used/day	pH Sodium Hydroxide	
			Cylinder weight (lbs.)	Chlorine used per day (lbs.)	Hypochlorite (gallons Hypochlorite in Tank)					
					60				804,176	
1										
2	W12	-	NA	NA	60	NR	NR	NR	804,176	
3	W12	-	NA	NA	60	NR	NR	NR	804,176	
4	W12	-	NA	NA	60	NR	NR	NR	804,176	
5	W12	-	NA	NA	60	NR	NR	NR	804,176	
6		-								
7		-								
8	W12	-	NA	NA	60	NR	NR	NR	804,176	
9	W12	-	NA	NA	60	NR	NR	NR	804,176	
10	W12	-	NA	NA	60	NR	NR	NR	804,176	
11	W12	-	NA	NA	60	NR	NR	NR	804,176	
12	W12	-	NA	NA	60	NR	NR	NR	804,176	
13		-								
14		-								
15	W12	-	NA	NA	60	NR	NR	NR	804,176	
16	W12	-	NA	NA	60	NR	NR	NR	804,176	
17	W12	-	NA	NA	60	NR	NR	NR	804,176	
18	W12	-	NA	NA	60	NR	NR	NR	804,176	
19	W12	-	NA	NA	60	NR	NR	NR	804,176	
20		-								
21		-								
22		52	NA	NA	60	NR	NR	NR	804,228	
23		-	NA	NA	60	NR	NR	NR	804,228	
24		-	NA	NA	60	NR	NR	NR	804,228	
25		-	NA	NA	60	NR	NR	NR	804,228	
26		-	NA	NA	60	NR	NR	NR	804,228	
27	W12	-	NA	NA	60	NR	NR	NR	804,228	
28		-								
29		-								
30	W12	-	NA	NA	60	NR	NR	NR	804,228	
31	W12	-	NA	NA	60	NR	NR	NR	804,228	
Total		52	Days	31						
AVG.		1.67741935								

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

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

Signature: *Lowell Ross* Date: 6-5-06 Operator Grade Level 1A-SW/GUI

Date	Well	Well 6	Well 7	Well10	Well11	Well12	Daily Total
1	0	0	0	0	0	0	0
2	0	648	1,447	0	0	0	2,095
3	0	232	1,513	0	0	0	1,745
4	0	193	1,100	0	0	0	1,293
5	0	278	1,257	0	0	0	1,535
6	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0
8	0	853	4,053	0	0	0	4,906
9	0	217	1,506	0	0	0	1,723
10	0	65	1,523	0	0	0	1,588
11	0	133	1,518	0	0	0	1,651
12	0	97	1,510	0	0	0	1,607
13	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0
15	0	510	4,575	0	0	0	5,085
16	0	50	1,482	0	0	0	1,532
17	0	5	1,509	0	0	0	1,514
18	0	399	1,230	0	0	0	1,629
19	0	324	1,126	0	0	0	1,450
20	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0
22	0	1,030	2,894	0	46	52	4,022
23	0	420	1,039	0	0	0	1,459
24	0	152	980	0	0	0	1,132
25	0	242	1,206	0	0	0	1,448
26	0	209	1,352	0	0	0	1,561
27	0	297	1,157	0	0	0	1,454
28	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0
30	0	1,397	3,567	0	0	0	4,964
31	0	657	1,496	0	0	0	2,153
Total	0	8,408	39,040	0	46	52	47,546

	Totalizer This Month	Totalizer Last Month	Total(x1,000) Gallons
Well 4	1,648,622	1,648,622	0
Well 6	642,488	634,080	8,408
Well 7	1,997,933	1,958,893	39,040
Well 10	772,134	772,134	0
Well 11	722,862	722,816	46
Well 12	804,228	804,176	52

AGS Water Supply Meter	593,533	583,905	9628.00
Medical Reactor - Well 105			0.00
Biology Building - Well 9	6,793,140	6,793,140	0.00

ATTACHMENT II

Brookhaven National Laboratory

Potable Water Supply

**May 2006 Biweekly 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
May 2006

Sample Location	Sample Date	pH (SU)	Temperature (Degrees F)	Conductivity (μmhos)	Alkalinity (mg/L)	Calcium (mg/L)
WTP	5/2/06	7.4	55	144	ANR	ANR
WTP	5/4/06	7.7	55	150	ANR	ANR
WTP	5/9/06	7.6	55	149	ANR	ANR
WTP	5/11/06	7.7	55	156	ANR	ANR
WTP	5/16/06	7.7	55	148	ANR	ANR
WTP	5/18/06	7.6	56	142	ANR	ANR
WTP	5/23/06	7.6	58	142	ANR	ANR
WTP	5/25/06	7.5	55	142	ANR	ANR
WTP	5/30/06	7.5	57	149	ANR	ANR

ANR- Analysis Not Required

NR- Not Reported

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

ATTACHMENT III

Brookhaven National Laboratory

Potable Water Supply

May 2006 Stage 1 Disinfectants & Disinfection Byproduct Rule

Monitoring Data and Bacteriological Analyses for the BNL Distribution System

Attachment III

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

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

NA - Not Applicable

NS- Not Scheduled for sampling

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

Microbiological Samples and Free Chlorine Residual

Building Location (Sample ID)	Date of Sample	Sample Type 1.Routine 2.Repeat	Total Coliform Positive	E.coli Positive	Free Chlorine Residual (mg/l)	Population Served: <u>3,500</u>
B-49 Water Tower (094-273)	5/5/2006	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.61	Number of microbiological monitoring samples required: <input type="text"/>
B640Water Tower076-408	5/5/2006	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.52	Number of microbiological monitoring samples taken: <input type="text"/>
B-1005-RHIC 045-12	5/5/2006	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.61	Did an M&R violation occur? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
B-363 Apt. Laundry 109-19	5/5/2006	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.43	If "Yes," check reason (s) below: Actual number of samples is fewer than required. Did not collect/analyze repeat sample. Did not collect/analyze for E. coli for positive total coliform from routine/repeat sample.
B-930 LINAC 054-187	5/5/2006	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.74	Did an MCL violation occur? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
B-490 Outpatient Clinic 084-70	5/5/2006	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.48	If "Yes," check reason(s) below (see also Part 5, Table 6 for additional information). For systems collecting less than 40 samples per month: two or more of the samples (routine and /or repeat) are positive for total coliform (= total coliform violation)
B490 Block # 11 084 67	5/5/2006	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.4	For systems collecting 40 or more samples per month: more than 5% of the samples (routine and/or repeat) are positive for total coliform (= total coliform MCL violation)
Field Duplicate B 930 054-187	5/5/2006	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.74	The original sample was E.coli positive and at least 1 repeat sample was positive for total coliform (= E.coli MCL violation).
			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Reminder: System must collect a minimum of five (5) routine microbiological monitoring samples during the month following a repeat sample collection.
			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		As required by 5-1.72, "Operation of a Public Water System," a copy of this form shall be sent to your local health department by the 10th calendar day of the next reporting period.
			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

Sample Collector(s): (Name)

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

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

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

No

Comments: _____

H2M LABS, INC.

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

LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Lab No. : 0605266-001A

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Federal ID 5111891

Client ID. : 21968-001

Collected : 5/5/06 9:09:00 AM

Point No : 094-273

Received : 5/5/06 3:00:00 PM

Location : B-49 Water Tower

Collected By : CLIENT

Copy : Original

CC

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	05/06/2006 12:00 PM
E_Coliform	Absent		1		Absent	M9223	05/06/2006 12:00 PM
Total Residual Chlorine	0.6		1	mg/L		M4500-Cl G	05/05/2006

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

Date Reported : 5/15/06

Laboratory Manager

H2M LABS, INC.

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

LABORATORY RESULTS

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Federal ID 5111891

Collected : 5/5/06 9:18:00 AM

Received : 5/5/06 3:00:00 PM

Collected By : CLIENT

Copy : Original

CC

Lab No. : 0605266-002A

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Client ID. : 21968-002

Point No : 076-408

Location : B-640 Water Tower

<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	05/06/2006 12:00 PM
E_Coliform	Absent		1		Absent	M9223	05/06/2006 12:00 PM
Total Residual Chlorine	0.5		1	mg/L		M4500-CI G	05/05/2006

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

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

D.F. = Dilution Factor

Date Reported : 5/15/06

Joanna M. Slawin

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0605266-004A

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

Federal ID 5111891

Client ID. : 21968-004

Collected : 5/5/06 8:57:00 AM

Point No : 109-19

Received : 5/5/06 3:00:00 PM

Location : B-363 Apt.Laundry

Collected By : CLIENT

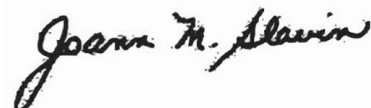
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CC

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Method Number</u>	<u>Analyzed</u>
Total Coliform	Negative		1		Negative	M9223	05/06/2006 12:00 PM
E_Coliform	Absent		1		Absent	M9223	05/06/2006 12:00 PM
Total Residual Chlorine	0.4		1	mg/L		M4500-Cl G	05/05/2006

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

Date Reported : 5/15/06



Laboratory Manager

H2M LABS, INC.

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

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

LABORATORY RESULTS

Lab No. : 0605266-003A

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

Federal ID 5111891

Client ID. : 21968-003

Collected : 5/5/06 10:26:00 AM

Point No : 045-12

Received : 5/5/06 3:00:00 PM

Location : B-1005 RHIC

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	05/06/2006 12:00 PM
E_Coliform	Absent		1		Absent	M9223	05/06/2006 12:00 PM
Total Residual Chlorine	0.6		1	mg/L		M4500-Cl G	05/05/2006

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

Date Reported : 5/15/06



H2M LABS, INC.

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

Brookhaven National Lab.-BNLM

70 Bell Ave.

Upton, NY 11973

Attn To : Bob Lee

Federal ID 5111891

Collected : 5/5/06 10:36:00 AM

Received : 5/5/06 3:00:00 PM

Collected By : CLIENT

Copy : Original

CC

LABORATORY RESULTS

Lab No. : 0605266-005A

Sample Information...

Type : Potable Water

Origin : Distribution

Routine

Client ID. : 21968-005

Point No : 054-187

Location : B-930 LINAC

<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	05/06/2006 12:00 PM
E_Coliform	Absent		1		Absent	M9223	05/06/2006 12:00 PM
Total Residual Chlorine	0.7		1	mg/L		M4500-CI G	05/05/2006

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

Date Reported : 5/15/06

Joanna M. Alavin

H2M LABS, INC.

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

LABORATORY RESULTS

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

Lab No. : 0605266-006A

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

Federal ID 5111891

Client ID. : 21968-006

Collected : 5/5/06 10:46:00 AM

Point No : 084-70

Received : 5/5/06 3:00:00 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	05/06/2006 12:00 PM
E_Coliform	Absent		1		Absent	M9223	05/06/2006 12:00 PM
Total Residual Chlorine	0.5		1	mg/L		M4500-C1 G	05/05/2006

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

Date Reported : 5/15/06

Joann M. Alavin

H2M LABS, INC.

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

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

LABORATORY RESULTS

Lab No. : **0605266-007A**

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

Federal ID 5111891

Client ID. : 21968-007

Collected : 5/5/06 10:57:00 AM

Point No : 084-67

Received : 5/5/06 3:00:00 PM

Location : B-490 Block 11

Collected By : CLIENT

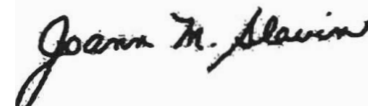
Copy : Original

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	05/06/2006 12:00 PM
E_coliform	Absent		1		Absent	M9223	05/06/2006 12:00 PM
Total Residual Chlorine	0.4		1	mg/L		M4500-Cl G	05/05/2006

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

Date Reported : 5/15/06



Laboratory Manager

ATTACHMENT IV

Brookhaven National Laboratory

Potable Water Supply

2006 Second Quarter Radiological Analyses

for the BNL Potable Water Wells

ATTACHMENT IV

Table 3
Summary of 2006 Second Quarter Radiological Analyses for the
BNL Potable Water Wells

Well ID	Sample Date	Gross Alpha (pCi/L)	Gross Beta (pCi/L)	Tritium (pCi/L)	Sr-90 (pCi/L)
Well # 6	4/19/06	< 1.2	1.7	< 220	< 0.51
Well #7	4/19/06	< 1.7	< 1.5	< 220	< 0.41
Well #6 (Duplicate)	4/19/06	<1.1	< 1.9	< 220	< 0.49

Brookhaven National Labs

Client Sample ID: 22570-001

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: F6D200362-001
 Work Order: H3P88
 Matrix: WATER

Date Collected: 04/19/06 1045
 Date Received: 04/20/06 0915

Parameter	Result	Qual	Total Uncert. (2 σ +/-)	RL	MDC	Prep Date	Analysis Date
Gamma Cs-137 & Hits by EPA 901.1 MOD				pCi/L		Batch # 6128416	Yld %
Americium 241	7.6	U	6.9	25.0	13	05/08/06	05/08/06
Beryllium 7	-5	U	33	60	60	05/08/06	05/08/06
Cesium 134	-2.5	U	5.0	5.0	8.3	05/08/06	05/08/06
Cesium 137	3.7	U	6.8	12.0	14	05/08/06	05/08/06
Cobalt 57	-2	U	22	5	38	05/08/06	05/08/06
Cobalt 60	5.8	U	8.1	22.0	17	05/08/06	05/08/06
Europium 152	-4	U	13	84	23	05/08/06	05/08/06
Europium 154	-9	U	49	57	88	05/08/06	05/08/06
Europium 155	-3.3	U	9.1	359	16	05/08/06	05/08/06
Manganese 54	3.1	U	5.4	6.0	11	05/08/06	05/08/06
Sodium 22	-2.4	U	5.6	7.0	10	05/08/06	05/08/06
Zinc 65	3	U	11	15	22	05/08/06	05/08/06
SR-90 BY GFPC EPA-905 MOD				pCi/L		Batch # 6111370	Yld % 62
Strontium 90	0.17	U	0.31	0.80	0.51	04/21/06	05/01/06
Gross Alpha/Beta EPA 900				pCi/L		Batch # 6111102	Yld %
Gross Alpha	0.28	U	0.69	2.00	1.2	04/21/06	04/24/06
Gross Beta	1.7	J	1.0	4.0	1.6	04/21/06	04/24/06
TRITIUM (Distill) by EPA 906.0 MOD				pCi/L		Batch # 6117275	Yld %
Tritium	40	U	130	500	220	04/28/06	04/30/06

Well #6

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

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

U Result is less than the sample detection limit.

Brookhaven National Labs
Client Sample ID: 22570-002

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: F6D200362-002
 Work Order: H3P89
 Matrix: WATER

Date Collected: 04/19/06 1054
 Date Received: 04/20/06 0915

Parameter	Result	Qual	Total Uncert. (2 σ +/-)	RL	MDC	Prep Date	Analysis Date
Gamma Cs-137 & Hits by EPA 901.1 MOD				pCi/L	Batch # 6128416		Yld %
Americium 241	2.8	U	8.2	25.0	15	05/08/06	05/08/06
Beryllium 7	-1	U	44	60	80	05/08/06	05/08/06
Cesium 134	-6.0	U	6.3	5.0	9.8	05/08/06	05/08/06
Cesium 137	-1.4	U	5.9	12.0	11	05/08/06	05/08/06
Cobalt 57	6	U	26	5	46	05/08/06	05/08/06
Cobalt 60	-4.0	U	6.1	22.0	10	05/08/06	05/08/06
Europium 152	15	U	15	84	29	05/08/06	05/08/06
Europium 154	-2	U	47	57	88	05/08/06	05/08/06
Europium 155	4	U	11	359	20	05/08/06	05/08/06
Manganese 54	-1.6	U	5.6	6.0	10	05/08/06	05/08/06
Sodium 22	4.2	U	5.0	7.0	12	05/08/06	05/08/06
Zinc 65	-5	U	14	15	24	05/08/06	05/08/06
SR-90 BY GFPC EPA-905 MOD				pCi/L	Batch # 6111370		Yld % 74
Strontium 90	0.06	U	0.24	0.80	0.41	04/21/06	05/01/06
Gross Alpha/Beta EPA 900				pCi/L	Batch # 6111102		Yld %
Gross Alpha	-0.29	U	0.87	2.00	1.7	04/21/06	04/24/06
Gross Beta	0.88	U	0.93	4.00	1.5	04/21/06	04/24/06
TRITIUM (Distill) by EPA 906.0 MOD				pCi/L	Batch # 6117275		Yld %
Tritium	20	U	120	500	220	04/28/06	04/30/06

Well #7

NOTE(S)

Data are incomplete without the case narrative.
 MDC is determined by instrument performance only.
 Bold results are greater than the MDC
 U Result is less than the sample detection limit.

Brookhaven National Labs

Client Sample ID: 22570-003

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: F6D200362-003

Work Order: H3P9A

Matrix: WATER

Date Collected: 04/19/06 0000

Date Received: 04/20/06 0915

Parameter	Result	Qual	Total Uncert. (2 σ +/-)	RL	MDC	Prep Date	Analysis Date
Gamma Cs-137 & Hits by EPA 901.1 MOD				pCi/L		Batch # 6128416	Yld %
Americium 241	-14.0	U	8.5	25.0	13	05/08/06	05/08/06
Beryllium 7	-6	U	44	60	77	05/08/06	05/08/06
Cesium 134	-0.4	U	6.1	5.0	11	05/08/06	05/08/06
Cesium 137	1.6	U	5.9	12.0	11	05/08/06	05/08/06
Cobalt 57	-8	U	28	5	47	05/08/06	05/08/06
Cobalt 60	1.2	U	6.1	22.0	12	05/08/06	05/08/06
Europium 152	-7	U	16	84	26	05/08/06	05/08/06
Europium 154	-11	U	51	57	93	05/08/06	05/08/06
Europium 155	-7	U	13	359	21	05/08/06	05/08/06
Manganese 54	3.4	U	6.6	6.0	13	05/08/06	05/08/06
Sodium 22	2.5	U	5.5	7.0	12	05/08/06	05/08/06
Zinc 65	0.7	U	11	15	20	05/08/06	05/08/06
SR-90 BY GFPC EPA-905 MOD				pCi/L		Batch # 6111370	Yld % 65
Strontium 90	-0.05	U	0.28	0.80	0.49	04/21/06	05/01/06
TRITIUM (Distill) by EPA 906.0 MOD				pCi/L		Batch # 6117275	Yld %
Tritium	70	U	120	500	220	04/28/06	05/01/06
Gross Alpha/Beta EPA 900				pCi/L		Batch # 6137187	Yld %
Gross Alpha	0.71	U	0.70	2.00	1.1	05/17/06	05/20/06
Gross Beta	0.5	U	1.2	4.0	1.9	05/17/06	05/20/06

Well #6 (Duplicate)

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.