

**BROOKHAVEN**  
NATIONAL LABORATORY

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

February 9, 2011

Ms. Mary La Flair  
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. Mary La Flair:

**Subject: Monthly Water Treatment Plant Reports**  
**Reference: Suffolk County Minimum Monitoring Requirements for January 2011**

In accordance with the requirements of the BNL Potable Water System Sampling Plan and the 2011 SCDHS Minimum Monitoring Requirements for the BNL Potable Water Supply, included please find the following attachments for your records:

- Attachment I: BNL Potable Water Monthly Operational Data for January.
- Attachment II: January 2011 Biweekly and First Quarter Water Quality Monitoring Data for the BNL Distribution System and Potable Water Wells.
- Attachment III: January 2011 Stage 1 Disinfectants & Disinfection Byproduct Rule Monitoring Data and Bacteriological Analyses for the BNL Distribution System.
- Attachment IV: 2011 First Quarter Principal Organic Compound Analyses and Bacteriological Analyses for the BNL Potable Water Distribution System and Potable Water Wells.
- Attachment V: 2011 Semi-Annual Inorganic and Nitrate/Nitrite 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

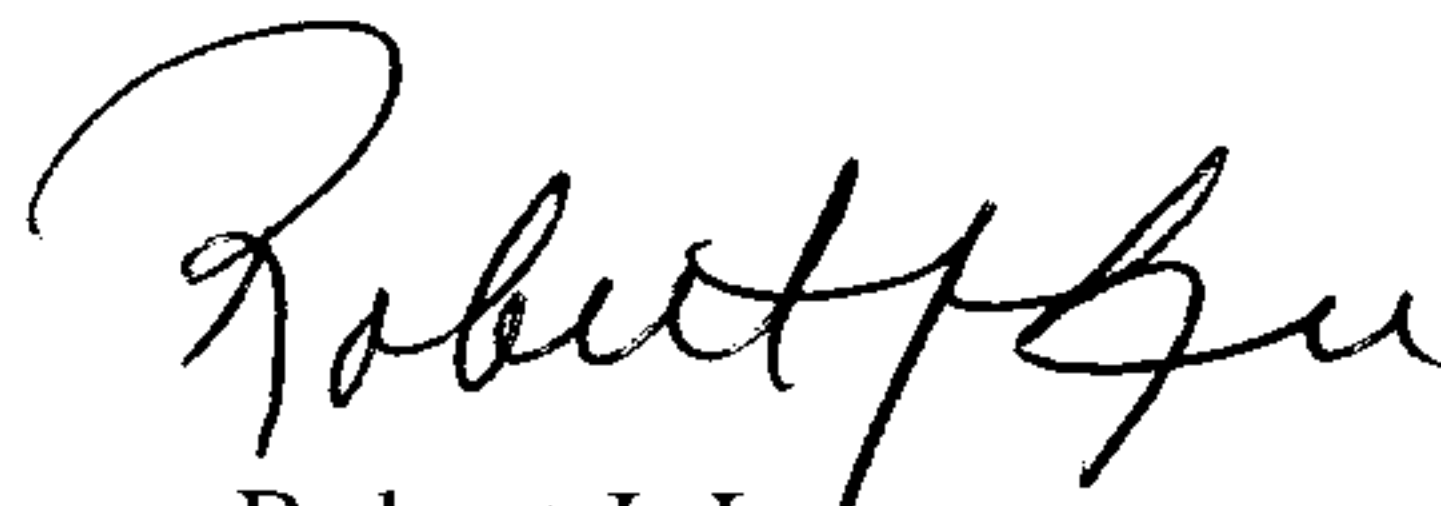


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ISO 14001

the BNL Potable Water System Sampling Plan. Facility and Operations Directorate 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 Protection Division and Facility and Operations Directorate. Based on this information, we believe the values contained in these reports are representative of the BNL potable water system and review of the analytical data shows that BNL's potable water system complied with all drinking water requirements during this reporting period.

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,



Robert J. Lee  
Interim Manager  
Environmental Protection Division

RJL/JR:jlh

Attachments: As noted

cc:	W. Chaloupka	w/attachments
	D. Feldman, SCDHS	w/attachments
	G. Goode	w/o attachments
	G. Granzen	w/attachments
	J. Higbie	w/attachments
	J. Hime, SCDHS	w/o attachments
	R. Lee	w/attachments
	E. Murphy	w/attachments
	J. Remien	w/o attachments
	L. Ross	w/o attachments

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**ATTACHMENT I**

**Brookhaven National Laboratory**

**Potable Water Supply**

**Monthly Operational Data for January 2011**

**for the BNL Potable Water System**

Public Water System Name	Reporting Month/Year	Date Report Submitted	Source Water Type(s)
Brookhaven National Laboratory	JANUARY-2011	1/31/2011	<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(s) No.:	Treated water volume (1,000 gallons/day)	Chlorination				Other Treatments / Readings			
			Gaseous		Liquid	Free chlorine residual at entry point (mg/l) (WTF-624)	Hypochlorite used/day (WTF - 624)	pH Lime Softening (WTF-624)	pH (Incoming RAW Water)	Daily Totalizer
			Cylinder weight (lbs.)	Chlorine used per day (lbs.)	Hypochlorite (gallons Hypochlorite in Tank)					
					180					1,771,634
1		-	NA	NA						
2		-	NA	NA						
3	7+4+6	2,040	NA	NA	160+30=190	0.80	20	7.4	6.0	1,773,674
4	7+4+6	976	NA	NA	182	0.90	8	8.0	6.0	1,774,650
5	7+4+6	1,164	NA	NA	175	0.80	7	7.9	6.0	1,775,814
6	7+4+6	1,055	NA	NA	170	0.75	5	7.7	6.1	1,776,869
7	7+4+6	1,093	NA	NA	160	0.80	10	7.9	6.1	1,777,962
8		-	NA	NA						
9		-	NA	NA						
10	7+4+6	3,111	NA	NA	145	0.80	15	7.7	6.0	1,781,073
11	7+4+6	1,068	NA	NA	140	0.90	5	7.8	6.0	1,782,141
12		-	NA	NA						
13	7+4+6	2,224	NA	NA	120	1.20	20	8.1	6.0	1,784,365
14	7+4+6	815	NA	NA	115	0.80	5	7.9	6.0	1,785,180
15		-	NA	NA						
16		-	NA	NA						
17	7+4+6	3,324	NA	NA	90	0.90	25	7.7	6.0	1,788,504
18	7+4+6	1,161	NA	NA	80	1.20	10	7.9	6.1	1,789,665
19	7+4+6	1,378	NA	NA	70+115=185	1.21	10	8.0	6.0	1,791,043
20	7+4+6	1,062	NA	NA	180	0.55	5	7.9	6.1	1,792,105
21	7+4+6	1,293	NA	NA	170	0.30	10	8.0	6.1	1,793,398
22		-	NA	NA						
23		-	NA	NA						
24	7+4+6	3,079	NA	NA	150	0.86	20	7.1	6.1	1,796,477
25	7+4+6	1,308	NA	NA	140	0.86	10	7.5	6.7	1,797,785
26	7+4+6	1,169	NA	NA	135	0.64	5	8.0	6.9	1,798,954
27	7+4+6	-	NA	NA						
28	7+4+6	2,467	NA	NA	120+60=180	0.89	15	7.8	6.5	1,801,421
29		-	NA	NA						
30		-	NA	NA						
31	7+4+6	3,413	NA	NA	155	1.00	25	7.7	6.1	1,804,834
<b>Total</b>		33,200	DAY'S	31			230			
<b>AVG.</b>		1,070.97				0.85	12.1			

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: 

Date: 2-7-11

Operator Grade Level: 1A-SW/GUI

Public Water System Name		Reporting Month/Year		Date Report Submitted		Source Water Type(s)			
Brookhaven National Laboratory		JANUARY-2011		1/31/2011		<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.: 4	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		
			Cylinder weight (lbs.)	Chlorine used per day (lbs.)					
					138				2,092,843
1		-	NA	NA					
2		-	NA	NA					
3	4	595	NA	NA	130	0.27	8		2,093,438
4	4	487	NA	NA	120	0.32	10		2,093,925
5	4	443	NA	NA	111	0.40	9		2,094,368
6	4	631	NA	NA	99+51	0.37	12		2,094,999
7	4	471	NA	NA	141	0.40	9		2,095,470
8		-	NA	NA					
9		-	NA	NA					
10	4	1,504	NA	NA	108	0.21	33		2,096,974
11	4	541	NA	NA	99	0.31	9		2,097,515
12	4	-	NA	NA					
13	4	950	NA	NA	81	0.40	18		2,098,465
14	4	420	NA	NA	70+70	0.24	11		2,098,885
15		-	NA	NA					
16		-	NA	NA					
17	4	1,536	NA	NA	111	0.57	29		2,100,421
18	4	458	NA	NA	99	0.60	12		2,100,879
19	4	684	NA	NA	87	0.57	12		2,101,563
20	4	416	NA	NA	81+69=150	0.49	6		2,101,979
21	4	635	NA	NA	138	0.30	12		2,102,614
22		-	NA	NA					
23		-	NA	NA					
24	4	1,428	NA	NA	111	0.50	27		2,104,042
25	4	668	NA	NA	102	0.50	9		2,104,710
26	4	593	NA	NA	92+58	0.31	10		2,105,303
27	4	-	NA	NA					
28	4	1,069	NA	NA	129	0.46	21		2,106,372
29		-	NA	NA					
30		-	NA	NA					
31	4	1,682	NA	NA	105	0.18	24		2,108,054
<b>Total</b>		15,211	DAY'S	31			281		
<b>AVG.</b>		490.68				0.39	14.8		

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: 2-7-11 Operator Grade Level: 1A-SW/GUI

Public Water System Name	Reporting Month/Year	Date Report Submitted	Source Water Type(s)
Brookhaven National Laboratory	JANUARY-2011	1/31/2011	<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.: 6	Treated water volume (1,000 gallons/day)	Chlorination				Other Treatments / Readings			
			Gaseous		Liquid	Free chlorine residual at entry point (mg/l)	Hypochlorite used/day		Daily Totalizer	
			Cylinder weight (lbs.)	Chlorine used per day (lbs.)	Hypochlorite (gallons Hypochlorite in Tank)					
					144					842,261
1		-	NA	NA						
2		-	NA	NA						
3	6	78	NA	NA	141	0.27	3			842,339
4	6	132	NA	NA	137	0.32	4			842,471
5	6	230	NA	NA	130	0.40	7			842,701
6	6	248	NA	NA	123+27	0.37	7			842,949
7	6	331	NA	NA	141	0.40	9			843,280
8		-	NA	NA						
9		-	NA	NA						
10	6	642	NA	NA	117	0.21	24			843,922
11	6	95	NA	NA	114	0.31	3			844,017
12	6	-	NA	NA						
13	6	486	NA	NA	102	0.40	12			844,503
14	6	172	NA	NA	95	0.24	7			844,675
15		-	NA	NA						
16		-	NA	NA						
17	6	679	NA	NA	78	0.57	17			845,354
18	6	142	NA	NA	72	0.60	6			845,496
19	6	157	NA	NA	66	0.57	6			845,653
20	6	55	NA	NA	66+69=135	0.49				845,708
21	6	211	NA	NA	129	0.30	6			845,919
22		-	NA	NA						
23		-	NA	NA						
24	6	545	NA	NA	116	0.50	13			846,464
25	6	236	NA	NA	108	0.50	8			846,700
26	6	253	NA	NA	96+34	0.31	8			846,953
27	6	-	NA	NA						
28	6	225	NA	NA	126	0.46	4			847,178
29		-	NA	NA						
30		-	NA	NA						
31	6	661	NA	NA	105	0.18	21			847,839
<b>Total</b>		5,578	DAT'S	31			165			
<b>AVG.</b>		179.94				0.39	9.2			

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: 2-7-11 Operator Grade Level 1A-SW/GUI

Public Water System Name		Reporting Month/Year		Date Report Submitted		Source Water Type(s)			
Brookhaven National Laboratory		JANUARY-2011		1/31/2011		<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.: 7	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		
			Cylinder weight (lbs.)	Chlorine used per day (lbs.)	Hypochlorite (gallons Hypochlorite in Tank)				
					138				3,188,273
1		-	NA	NA					
2		-	NA	NA					
3	7	1,703	NA	NA	119	0.27	19		3,189,976
4	7	749	NA	NA	96	0.32	23		3,190,725
5	7	799	NA	NA	81	0.40	15		3,191,524
6	7	809	NA	NA	63+87	0.37	18		3,192,333
7	7	648	NA	NA	141	0.40	9		3,192,981
8		-	NA	NA					
9		-	NA	NA					
10	7	1,953	NA	NA	102	0.21	39		3,194,934
11	7	803	NA	NA	78	0.31	24		3,195,737
12	7	-	NA	NA					
13	7	1,427	NA	NA	55	0.40	23		3,197,164
14	7	626	NA	NA	40+110	0.24	15		3,197,790
15		-	NA	NA					
16		-	NA	NA					
17	7	2,182	NA	NA	102	0.57	48		3,199,972
18	7	944	NA	NA	90	0.60	12		3,200,916
19	7	1,004	NA	NA	66	0.57	24		3,201,920
20	7	886	NA	NA	48+102=150	0.49	18		3,202,806
21	7	920	NA	NA	135	0.30	15		3,203,726
22		-	NA	NA					
23		-	NA	NA					
24	7	2,089	NA	NA	93	0.50	42		3,205,815
25	7	976	NA	NA	75	0.50	18		3,206,791
26	7	740	NA	NA	60+90	0.31	15		3,207,531
27	7	-	NA	NA					
28	7	1,768	NA	NA	120	0.46	30		3,209,299
29		-	NA	NA					
30		-	NA	NA					
31	7	2,388	NA	NA	75	0.18	45		3,211,687
<b>Total</b>		23,414	DAY'S	31			452		
<b>AVG.</b>		755.29				0.39	23.8		

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

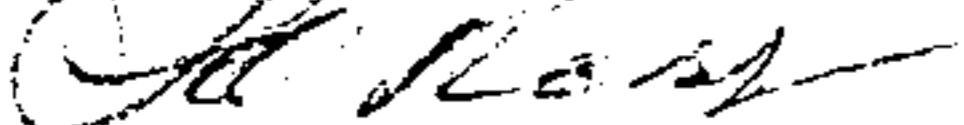
Reported by: Lowell Ross Title: Water Systems Supervisor NYS DOH Operator Certification Number: NY0031941  
 Signature: *Lowell Ross* Date: 2-7-11 Operator Grade Level 1A-SW/GUI

Public Water System Name	Reporting Month/Year	Date Report Submitted	Source Water Type(s)
Brookhaven National Laboratory	JANUARY-2011	1/31/2011	<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 Hypochloride		
			Cylinder weight (lbs.)	Chlorine used per day (lbs.)	Hypochlorite (gallons Hypochlorite in Tank)					
					45				821,244	
1		-	NA	NA						
2		-	NA	NA						
3	10	-	NA	NA	45				821,244	
4	10	-	NA	NA	45				821,244	
5	10	-	NA	NA	45				821,244	
6	10	-	NA	NA	45				821,244	
7	10	-	NA	NA	45				821,244	
8		-	NA	NA						
9		-	NA	NA						
10	10	-	NA	NA	45				821,244	
11	10	-	NA	NA	45				821,244	
12	10	-	NA	NA						
13	10	-	NA	NA	45				821,244	
14	10	-	NA	NA	45				821,244	
15		-	NA	NA						
16		-	NA	NA						
17	10	-	NA	NA	45				821,244	
18	10	-	NA	NA	45	NR		NR	821,244	
19	10	-	NA	NA	45				821,244	
20	10	-	NA	NA	45	NR		NR	821,244	
21	10	13	NA	NA	45				821,257	
22		-	NA	NA						
23		-	NA	NA						
24	10	-	NA	NA	45	NR			821,257	
25	10	-	NA	NA	45	NR			821,257	
26	10	-	NA	NA	45	NR			821,257	
27	10	-	NA	NA						
28	10	-	NA	NA	45	NR			821,257	
29		-	NA	NA						
30		-	NA	NA						
31	10	3	NA	NA	45	NR			821,260	
<b>Total</b>		16	DAY'S	31.00						
<b>AVG.</b>		0.52								

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

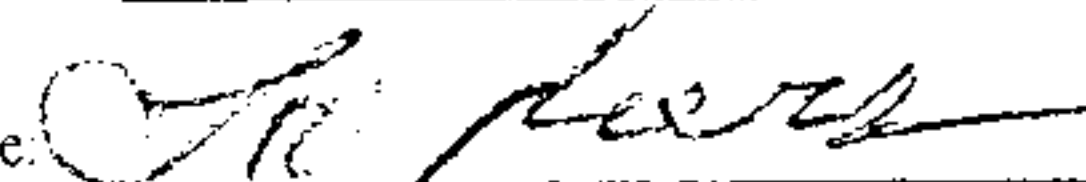
Signature:  Date: 2-7-11 Operator Grade Level 1A-SW/GUI

Public Water System Name	Reporting Month/Year	Date Report Submitted	Source Water Type(s)
Brookhaven National Laboratory	JANUARY-2011	1/31/2011	<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.: 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 Hypochloride		
			Cylinder weight (lbs.)	Chlorine used per day (lbs.)	Hypochlorite (gallons Hypochlorite in Tank)					
					115				125,062	
1		-	NA	NA						
2		-	NA	NA						
3	11	-	NA	NA	115				125,062	
4	11	100	NA	NA	114				125,162	
5	11	3	NA	NA	114				125,165	
6	11	-	NA	NA	114				125,165	
7	11	12	NA	NA	114				125,177	
8		-	NA	NA						
9		-	NA	NA						
10	11	19	NA	NA	114				125,196	
11	11	-	NA	NA	114				125,196	
12	11	-	NA	NA						
13	11	-	NA	NA	114				125,196	
14	11	-	NA	NA	114				125,196	
15		-	NA	NA						
16		-	NA	NA						
17	11	-	NA	NA	114				125,196	
18	11	-	NA	NA	114	NR		NR	125,196	
19	11	-	NA	NA	114				125,196	
20	11	39	NA	NA	114	NR		NR	125,235	
21	11	-	NA	NA	114				125,235	
22		-	NA	NA						
23		-	NA	NA						
24	11	-	NA	NA	114				125,235	
25	11	15	NA	NA	114				125,250	
26	11	4	NA	NA	114	NR		NR	125,254	
27	11	-	NA	NA						
28	11	-	NA	NA	114	NR		NR	125,254	
29		-	NA	NA						
30		-	NA	NA						
31	11	-	NA	NA	114				125,254	
<b>Total</b>		192	31 DAYS							
<b>AVG.</b>		6.19								

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: 2-9-11 Operator Grade Level 1A-SW/GUI

Public Water System Name	Reporting Month/Year	Date Report Submitted	Source Water Type(s)
Brookhaven National Laboratory	JANUARY-2011	1/31/2011	<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.: 12	Treated water volume (1,000 gallons/day)	Chlorination				Other Treatments / Readings			
			Gaseous		Liquid	Free chlorine residual at entry point (mg/l)	Hypochlorite used/day	pH Sodium Hypochloride	Daily Totalizer	
			Cylinder weight (lbs.)	Chlorine used per day (lbs.)	Hypochlorite (gallons Hypochlorite in Tank)					
					OOS				OOS	
1		-	NA	NA						
2			NA	NA					OOS	
3			NA	NA	OOS				OOS	
4			NA	NA	OOS				OOS	
5			NA	NA	OOS				OOS	
6			NA	NA	OOS				OOS	
7			NA	NA	OOS				OOS	
8		-	NA	NA						
9		-	NA	NA						
10			NA	NA	OOS				OOS	
11			NA	NA	OOS				OOS	
12			NA	NA	OOS				OOS	
13			NA	NA	OOS				OOS	
14			NA	NA	OOS				OOS	
15		-	NA	NA						
16		-	NA	NA						
17			NA	NA	OOS				OOS	
18			NA	NA	OOS				OOS	
19			NA	NA	OOS				OOS	
20			NA	NA	OOS				OOS	
21			NA	NA	OOS				OOS	
22		-	NA	NA						
23		-	NA	NA						
24			NA	NA	OOS				OOS	
25			NA	NA	OOS				OOS	
26			NA	NA	OOS				OOS	
27			NA	NA						
28			NA	NA	OOS				OOS	
29		-	NA	NA						
30		-	NA	NA						
31			NA	NA	OOS				OOS	
<b>Total</b>		-	DAY'S	31						
<b>AVG.</b>		-								

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: 2-7-11 Operator Grade Level 1A-SW/GUI

**Microbiological Samples and Free Chlorine Residual**

Sample Location	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	4-Jan	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.67	Number of microbiological monitoring samples required: <u>4</u> Number of microbiological monitoring samples taken: <u>7</u> Did an M&R violation occur? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 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 Did an MCL violation occur? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 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 MCL violation). _____ 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). _____ The original sample was E.coli positive and at least 1 repeat sample was positive for total _____ Reminder: System must collect a minimum of five (5) routine microbiological monitoring samples during the month following a repeat sample collection. _____ 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.
B-640 WATER TOWER 076-408	4-Jan	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.54	
B 1005 RHIC 045-12	4-Jan	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.25	
B 363 APART. LAUNDRY 109-19	4-Jan	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.4	
B-930 LINAC 054-187	4-Jan	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.7	
B 490 BLOCK OUTPATIENT CLINIC 084-70	4-Jan	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1	
B490 BLOCK 11 084-67	4-Jan	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1.01	
WELL #4 083-20 R/W	4-Jan	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	XXXXXXXX	
WELL #6 093-07 R/W	4-Jan	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	XXXXXXXX	
WELL #7 092-03 R/W	4-Jan	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	XXXXXXXX	
WELL #10 055-09 R/W	4-Jan	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	XXXXXXXX	
WELL #11 056-19 R/W	4-Jan	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	XXXXXXXX	
WELL #12 056-20 OOS	OOS	OOS	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	OOS	
B-648 WTF-PACKED TOWN 073-20 F/W	4-Jan	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	XXXXXXXX	
B-49 FIED DUPLICATE 094-273	4-Jan	1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.67	
			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		

Sample Collector(s): Jack Kulesa

Name of NYSDOH Certified Laboratory: Eco Test Lab , 377 Sheffield Ave. N. Babylon NY

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: R/W =RAW WATER F/ W =FILTER WATER

PUMP DATA JANUARY 2011

(Month)

Date	Well 4	Well 6	Well 7	Well10	Well11	Well12	Daily Total
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
3	595	78	1,703	0	0	0	2,376
4	487	132	749	0	100	0	1,468
5	443	230	799	0	3	0	1,475
6	631	248	809	0	0	0	1,688
7	471	331	648	0	12	0	1,462
8	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0
10	1,504	642	1,953	0	19	0	4,118
11	541	95	803	0	0	0	1,439
12	0	0	0	0	0	0	0
13	950	486	1,427	0	0	0	2,863
14	420	172	626	0	0	0	1,218
15	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0
17	1,536	679	2,182	0	0	0	4,397
18	458	142	944	0	0	0	1,544
19	684	157	1,004	0	0	0	1,845
20	416	55	886	0	39	0	1,396
21	635	211	920	13	0	0	1,779
22	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0
24	1,428	545	2,089	0	0	0	4,062
25	668	236	976	0	15	0	1,895
26	593	253	740	0	4	0	1,590
27	0	0	0	0	0	0	0
28	1,069	225	1,768	0	0	0	3,062
29	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0
31	1,682	661	2,388	3	0	0	4,734
Total	15,211	5,578	23,414	16	192	0	44,411

	Totalizer This Month	Totalizer Last Month	Total(x1,000) Gallons
Well 4	2,108,054	2,092,843	15,211
Well 6	847,839	842,261	5,578
Well 7	3,211,687	3,188,273	23,414
Well 10	821,260	821,244	16
Well 11	125,254	125,062	192
Well 12	0	OOS	#VALUE!

AGS Water Supply Meter 1,008,507 996,459 12048.00

Biology Building - Well 9 NR 6,795,700 #VALUE!

**ATTACHMENT II**

**Brookhaven National Laboratory**

**Potable Water Supply**

**January 2011 Biweekly and First Quarter Water Quality Monitoring Data**

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

**Attachment II**  
**Table 1 - Summary of Water Quality Analyses**  
**for the BNL Potable Water System**  
**January 2011**

<b>Sample Location</b>	<b>Sample Date</b>	<b>pH (SU)</b>	<b>Temperature (Degrees F)</b>	<b>Conductivity (µmhos)</b>	<b>Alkalinity (mg/L)</b>	<b>Calcium (mg/L)</b>
WTP	1/4/11	8.0	57	161	ANR	ANR
WTP	1/6/11	7.7	57	165	ANR	ANR
WTP	1/11/11	7.8	57	202	ANR	ANR
WTP	1/13/11	8.1	57	190	ANR	ANR
WTP	1/18/11	7.9	56	169	ANR	ANR
WTP	1/20/11	7.9	56	179	ANR	ANR
WTP	1/25/11	7.5	56	178	ANR	ANR
Well 10	1/25/11	7.5	55	225	ANR	ANR
Well 11	1/25/11	7.5	55	222	ANR	ANR
Bldg. 49	1/4/11	7.7	50	163	32	11
Bldg. 640	1/4/11	7.8	52	150	30	11
Bldg. 363	1/4/11	7.3	55	253	32	13

**ANR-** Analysis Not Required

**NR-** Not Reported

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

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LAB NO. 110027.01

01/20/11

Brookhaven National Laboratory  
Bldg. 452, P.O. Box 5000  
Upton, NY 11973-5000

ATTN: William Chaloupka

PO#: 0000143228

SOURCE OF SAMPLE: 094-273

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 01/04/11 RECEIVED: 01/04/11

TIME COL'D: 0930

MATRIX: W

SAMPLE: B-49 Water Tower  
28940-001

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Calcium as Ca	mg/L	11	011211	0.1	EPA200.7
Alkalinity tot CaCo3	mg/L	32	010511	2	SM182320B
T.Coliform, 100 mL		Absent	010411	0	S189223
E.Coli, 100mL		Absent	010411	0	S189223
Free Chlorine Resid.	mg/L	0.67	*		

cc: BNL, Robert J. Lee

LRL=Laboratory Reporting Limit

REMARKS: \* Measured in the field by client.  
Total Coliform Bacteria is within NY State and Federal  
limit for potable water

DIRECTOR



# ECOTEST LABORATORIES, INC.

## ENVIRONMENTAL TESTING

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LAB NO.110027.02

01/20/11

Brookhaven National Laboratory  
Bldg. 452, P.O. Box 5000  
Upton, NY 11973-5000

ATTN: William Chaloupka

PO#:0000143228

SOURCE OF SAMPLE: 076-408

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:01/04/11 RECEIVED:01/04/11

TIME COL'D:0900

MATRIX:W

SAMPLE: B-640 Water Tower  
28940-002

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Calcium as Ca	mg/L	11	011211		0.1	EPA200.7
Alkalinity tot CaCo3	mg/L	30	010511		2	SM182320B
T.Coliform, 100 mL		Absent	010411 1508		0	S189223
E.Coli, 100mL		Absent	010411 1508		0	S189223
Free Chlorine Resid.	mg/L	0.54		*		

cc:BNL, Robert J. Lee

LRL=Laboratory Reporting Limit

REMARKS: \* Measured in the field by client.  
Total Coliform Bacteria is within NY State and Federal  
limit for potable water

DIRECTOR



rn = 133

NYSDOH ID # 10320

Page 1 of 1

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LAB NO.110027.03

01/20/11

Brookhaven National Laboratory  
Bldg. 452, P.O. Box 5000  
Upton, NY 11973-5000

ATTN: William Chaloupka

PO#:0000143228

SOURCE OF SAMPLE: 109-19

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:01/04/11 RECEIVED:01/04/11

TIME COL'D:0630

MATRIX:W

SAMPLE: B-363 Apt. Laundry  
28940-003

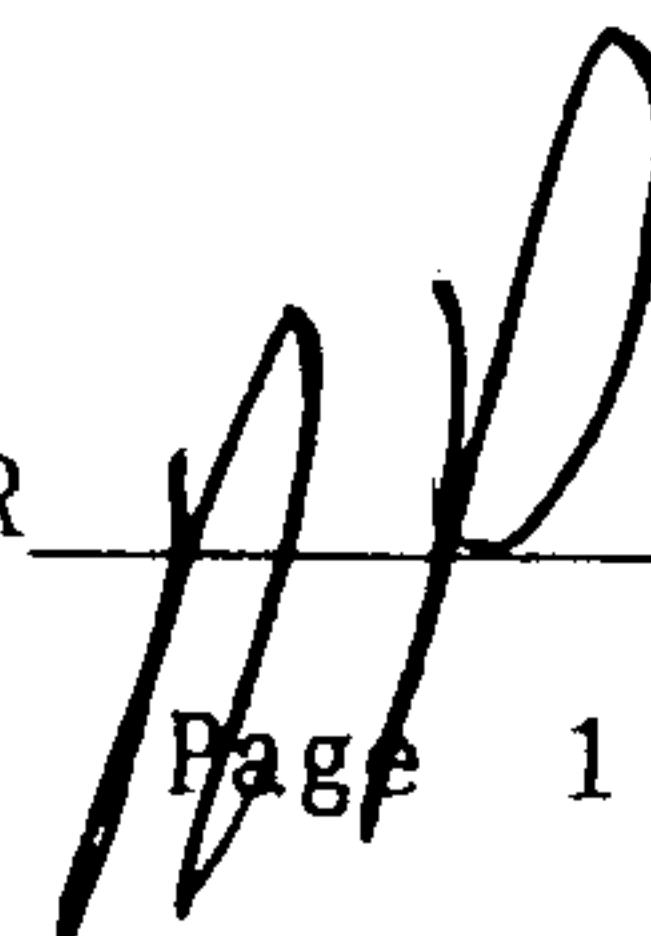
ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Calcium as Ca	mg/L	13	011211		0.1	EPA200.7
Alkalinity tot CaCo3	mg/L	32	010511		2	SM182320B
T.Coliform, 100 mL		Absent	010411 1508		0	S189223
E.Coli, 100mL		Absent	010411 1508		0	S189223
Free Chlorine Resid.	mg/L	0.4		*		

cc:BNL, Robert J. Lee

LRL=Laboratory Reporting Limit

REMARKS: \* Measured in the field by client.  
Total Coliform Bacteria is within NY State and Federal  
limit for potable water

DIRECTOR



rn = 134

NYSDOH ID # 10320

Page 1 of 1

**ATTACHMENT III**

**Brookhaven National Laboratory**

**Potable Water Supply**

**January 2011 Stage 1 Disinfectants & Disinfection Byproduct Rule**

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

Attachment III

January 2011 Stage 1 Disinfectants & Disinfection Byproduct Rule Monitoring Data  
 Table II - Maximum Residual Disinfectant Level (MRDL) Compliance

Location	Total Residual Chlorine (mg/L)											
	Feb. 10	Mar. 10	Apr. 10	May 10	June 10	July 10	Aug. 10	Sept. 10	Oct. 10	Nov. 10	Dec. 10	Jan. 11
Bldg. 49 Water Tower	0.5	0.8	0.8	0.6	0.8	0.7	0.7	0.9	0.8	0.6	0.9	0.7
Bldg. 640 Water Tower	0.4	0.5	0.7	0.6	0.5	0.5	0.5	0.8	0.4	0.6	0.4	0.5
Bldg. 363 Apt. Laundry	0.4	0.4	0.7	0.6	0.4	1	0.7	0.4	0.9	0.3	0.5	0.4
Bldg. 1005 RHIC	0.4	0.4	0.3	0.6	0.4	0.4	0.6	0.4	0.4	0.6	0.7	0.3
Bldg. 930 LINAC	NS	0.5	NS	0.8	NS	0.6	NS	0.9	NS	0.6	NS	0.7
Bldg. 725 NLS	0.8	NS	0.5	NS	0.6	NS	0.7	NS	0.6	NS	0.4	NS
Bldg. 490 Outpatient Clinic	NS	0.5	NS	0.4	NS	0.4	NS	0.7	NS	0.5	NS	1.0
Bldg. 490 Block 11	NS	0.5	NS	0.5	NS	0.7	NS	0.7	NS	0.7	NS	1.0
Bldg. 490 Block 1 ACF	0.4	NS	0.5	NS	0.8	NS	0.8	NS	0.8	NS	0.7	NS
Bldg. 490 Block 4 MRC	1.1	NS	0.9	NS	0.4	NS	0.5	NS	0.9	NS	0.4	NS
<b>Monthly Average</b>	0.6	0.5	0.6	0.6	0.5	0.6	0.6	0.7	0.7	0.5	0.6	0.7

NA - Not Applicable

NS- Not Scheduled for sampling

**Running Annual Average (mg/L)**      **0.6**      (Total Residual Chlorine)  
**MRDL (mg/L)**                              **4.0**

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LAB NO.110027.01

01/20/11

Brookhaven National Laboratory  
Bldg. 452, P.O. Box 5000  
Upton, NY 11973-5000

ATTN: William Chaloupka

PO#:0000143228

SOURCE OF SAMPLE: 094-273

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:01/04/11 RECEIVED:01/04/11

TIME COL'D:0930

MATRIX:W

SAMPLE: B-49 Water Tower  
28940-001

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	ANALYTICAL	
			FLAG OF ANALYSIS	LRL	METHOD
Calcium as Ca	mg/L	11	011211	0.1	EPA200.7
Alkalinity tot CaCo3	mg/L	32	010511	2	SM182320B
T.Coliform, 100 mL		Absent	010411	0	S189223
E.Coli, 100mL		Absent	010411	0	S189223
Free Chlorine Resid.	mg/L	0.67	*		

cc: BNL, Robert J. Lee

LRL=Laboratory Reporting Limit

REMARKS: \* Measured in the field by client.  
Total Coliform Bacteria is within NY State and Federal  
limit for potable waterDIRECTOR 

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LAB NO.110027.03

01/20/11

Brookhaven National Laboratory  
Bldg. 452, P.O. Box 5000  
Upton, NY 11973-5000

ATTN: William Chaloupka

PO#:0000143228

SOURCE OF SAMPLE: 109-19

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:01/04/11 RECEIVED:01/04/11  
TIME COL'D:0630MATRIX:W SAMPLE: B-363 Apt. Laundry  
28940-003

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME		ANALYTICAL	
			FLAG OF ANALYSIS	LRL	METHOD	
Calcium as Ca	mg/L	13	011211	0.1	EPA200.7	
Alkalinity tot CaCo3	mg/L	32	010511	2	SM182320B	
T.Coliform, 100 mL		Absent	010411 1508	0	S189223	
E.Coli, 100mL		Absent	010411 1508	0	S189223	
Free Chlorine Resid.	mg/L	0.4		*		

cc:BNL, Robert J. Lee

LRL=Laboratory Reporting Limit

REMARKS: \* Measured in the field by client.  
Total Coliform Bacteria is within NY State and Federal  
limit for potable waterDIRECTOR 

rn = 134

NYSDOH ID # 10320

Page 1 of 1

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LAB NO.110027.04

01/20/11

Brookhaven National Laboratory  
Bldg. 452, P.O. Box 5000  
Upton, NY 11973-5000

ATTN: William Chaloupka

PO#:0000143228

SOURCE OF SAMPLE: 045-12

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:01/04/11 RECEIVED:01/04/11

TIME COL'D:0825

MATRIX:W SAMPLE: B-1005 RHIC  
28940-004

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME		LRL	ANALYTICAL METHOD
			FLAG OF ANALYSIS			
T.Coliform, 100 mL		Absent	010411	1508	0	S189223
E.Coli, 100mL		Absent	010411	1508	0	S189223
Free Chlorine Resid.	mg/L	0.25				*

cc:BNL, Robert J. Lee

LRL=Laboratory Reporting Limit

REMARKS: \* Measured in the field by client.  
Total Coliform Bacteria is within NY State and Federal  
limit for potable water

DIRECTOR



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LAB NO.110027.05

01/20/11

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Upton, NY 11973-5000

ATTN: William Chaloupka

PO#:0000143228

SOURCE OF SAMPLE: 054-187

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:01/04/11 RECEIVED:01/04/11  
TIME COL'D:0730

MATRIX:W SAMPLE: B-930 LINAC  
28940-005

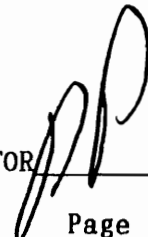
ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME		ANALYTICAL
			FLAG OF ANALYSIS	LRL	
T.Coliform, 100 mL		Absent	010411 1508	0	S189223
E.Coli, 100mL		Absent	010411 1508	0	S189223
Free Chlorine Resid.	mg/L	0.7			*

cc:BNL, Robert J. Lee

LRL=Laboratory Reporting Limit

REMARKS: \* Measured in the field by client.  
Total Coliform Bacteria is within NY State and Federal  
limit for potable water

DIRECTOR



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LAB NO.110027.06

01/20/11

Brookhaven National Laboratory  
Bldg. 452, P.O. Box 5000  
Upton, NY 11973-5000

ATTN: William Chaloupka

PO#:0000143228

SOURCE OF SAMPLE: 084-70

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:01/04/11 RECEIVED:01/04/11

TIME COL'D:1015

MATRIX:W SAMPLE: B-490 Outpatient Clinic  
28940-006

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME		LRL	ANALYTICAL METHOD
			FLAG OF ANALYSIS	TIME		
T.Coliform, 100 mL		Absent	010411	1508	0	S189223
E.Coli, 100mL		Absent	010411	1508	0	S189223
Free Chlorine Resid.	mg/L	1				*

cc:BNL, Robert J. Lee

LRL=Laboratory Reporting Limit

REMARKS: \* Measured in the field by client.  
Total Coliform Bacteria is within NY State and Federal  
limit for potable water

DIRECTOR



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LAB NO.110027.07

01/20/11

Brookhaven National Laboratory  
Bldg. 452, P.O. Box 5000  
Upton, NY 11973-5000

ATTN: William Chaloupka

PO#:0000143228

SOURCE OF SAMPLE: 084-67

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:01/04/11 RECEIVED:01/04/11

TIME COL'D:1025

MATRIX:W

SAMPLE: B-490 Block 11  
28940-007

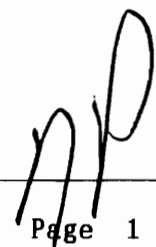
ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME		ANALYTICAL	
			FLAG OF ANALYSIS	LRL	METHOD	
T.Coliform, 100 mL		Absent	010411 1508	0	S189223	
E.Coli, 100mL		Absent	010411 1508	0	S189223	
Free Chlorine Resid.	mg/L	1.0			*	

cc:BNL, Robert J. Lee

LRL=Laboratory Reporting Limit

REMARKS: \* Measured in the field by client.  
Total Coliform Bacteria is within NY State and Federal  
limit for potable water

DIRECTOR



**ATTACHMENT IV**

**Brookhaven National Laboratory**

**Potable Water Supply**

**2011 First Quarter Principal Organic Compound Analyses**

**And Bacteriological Analyses**

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

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LAB NO.110027.09

01/20/11

Brookhaven National Laboratory  
Bldg. 452, P.O. Box 5000  
Upton, NY 11973-5000

ATTN: William Chaloupka

PO#:0000143228

SOURCE OF SAMPLE: 083-20

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:01/04/11 RECEIVED:01/04/11

TIME COL'D:0715

MATRIX:W

SAMPLE: W-4

28940-009

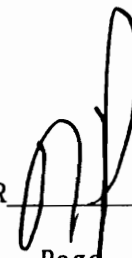
ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/L	< 0.5	010511		0.5	EPA524.2
Chloromethane	ug/L	< 0.5	010511		0.5	EPA524.2
Vinyl Chloride	ug/L	< 0.5	010511		0.5	EPA524.2
Bromomethane	ug/L	< 0.5	010511		0.5	EPA524.2
Chloroethane	ug/L	< 0.5	010511		0.5	EPA524.2
Trichlorofluoromethane	ug/L	< 0.5	010511		0.5	EPA524.2
1,1 Dichloroethene	ug/L	< 0.5	010511		0.5	EPA524.2
Methylene Chloride	ug/L	< 0.5	010511		0.5	EPA524.2
ter. Butyl Methyl Ether	ug/L	< 0.5	010511		0.5	EPA524.2
t-1,2-Dichloroethene	ug/L	< 0.5	010511		0.5	EPA524.2
1,1 Dichloroethane	ug/L	< 0.5	010511		0.5	EPA524.2
2,2-Dichloropropane	ug/L	< 0.5	010511		0.5	EPA524.2
c-1,2-Dichloroethene	ug/L	< 0.5	010511		0.5	EPA524.2
Chloroform	ug/L	1	010511		0.5	EPA524.2
Bromochloromethane	ug/L	< 0.5	010511		0.5	EPA524.2
111 Trichloroethane	ug/L	< 0.5	010511		0.5	EPA524.2
1,1-Dichloropropene	ug/L	< 0.5	010511		0.5	EPA524.2
Carbon Tetrachloride	ug/L	< 0.5	010511		0.5	EPA524.2
1,2 Dichloroethane	ug/L	< 0.5	010511		0.5	EPA524.2
Benzene	ug/L	< 0.5	010511		0.5	EPA524.2
Trichloroethene	ug/L	< 0.5	010511		0.5	EPA524.2
1,2 Dichloropropane	ug/L	< 0.5	010511		0.5	EPA524.2
Bromodichloromethane	ug/L	< 0.5	010511		0.5	EPA524.2
Dibromomethane	ug/L	< 0.5	010511		0.5	EPA524.2
c-1,3Dichloropropene	ug/L	< 0.5	010511		0.5	EPA524.2

cc:BNL, Robert J. Lee

LRL=Laboratory Reporting Limit

REMARKS: All values are within NY State and Federal limits for  
potable water.

DIRECTOR



377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.110027.09

01/20/11

Brookhaven National Laboratory  
Bldg. 452, P.O. Box 5000  
Upton, NY 11973-5000

ATTN: William Chaloupka

PO#: 0000143228

SOURCE OF SAMPLE: 083-20

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:01/04/11 RECEIVED:01/04/11

TIME COL'D:0715

MATRIX:W

SAMPLE: W-4

28940-009

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	ANALYTICAL
			FLAG OF ANALYSIS	LRL METHOD
Toluene	ug/L	< 0.5	010511	0.5 EPA524.2
t-1,3Dichloropropene	ug/L	< 0.5	010511	0.5 EPA524.2
112 Trichloroethane	ug/L	< 0.5	010511	0.5 EPA524.2
1,3-Dichloropropane	ug/L	< 0.5	010511	0.5 EPA524.2
Tetrachloroethene	ug/L	< 0.5	010511	0.5 EPA524.2
Chlorodibromomethane	ug/L	< 0.5	010511	0.5 EPA524.2
Chlorobenzene	ug/L	< 0.5	010511	0.5 EPA524.2
1112Tetrachloroethane	ug/L	< 0.5	010511	0.5 EPA524.2
Ethyl Benzene	ug/L	< 0.5	010511	0.5 EPA524.2
m + p Xylene	ug/L	< 1	010511	1 EPA524.2
o Xylene	ug/L	< 0.5	010511	0.5 EPA524.2
Styrene	ug/L	< 0.5	010511	0.5 EPA524.2
Bromoform	ug/L	< 0.5	010511	0.5 EPA524.2
Isopropylbenzene	ug/L	< 0.5	010511	0.5 EPA524.2
1122Tetrachloroethane	ug/L	< 0.5	010511	0.5 EPA524.2
123-Trichloropropane	ug/L	< 0.5	010511	0.5 EPA524.2
n-Propylbenzene	ug/L	< 0.5	010511	0.5 EPA524.2
Bromobenzene	ug/L	< 0.5	010511	0.5 EPA524.2
135-Trimethylbenzene	ug/L	< 0.5	010511	0.5 EPA524.2
2-Chlorotoluene	ug/L	< 0.5	010511	0.5 EPA524.2
4-Chlorotoluene	ug/L	< 0.5	010511	0.5 EPA524.2
tert-Butylbenzene	ug/L	< 0.5	010511	0.5 EPA524.2
124-Trimethylbenzene	ug/L	< 0.5	010511	0.5 EPA524.2
sec-Butylbenzene	ug/L	< 0.5	010511	0.5 EPA524.2

cc:BNL, Robert J. Lee

LRL=Laboratory Reporting Limit

REMARKS: All values are within NY State and Federal limits for  
potable water.

DIRECTOR



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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.110027.09

01/20/11

Brookhaven National Laboratory  
Bldg. 452, P.O. Box 5000  
Upton, NY 11973-5000

ATTN: William Chaloupka

PO#:0000143228

SOURCE OF SAMPLE: 083-20

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:01/04/11 RECEIVED:01/04/11

TIME COL'D:0715

MATRIX:W

SAMPLE: W-4

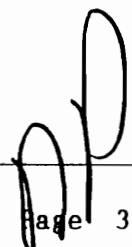
28940-009

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME		ANALYTICAL	
			FLAG	OF ANALYSIS	LRL	METHOD
p-Isopropyltoluene	ug/L	< 0.5	010511		0.5	EPA524.2
1,3 Dichlorobenzene (v)	ug/L	< 0.5	010511		0.5	EPA524.2
1,4 Dichlorobenzene (v)	ug/L	< 0.5	010511		0.5	EPA524.2
n-Butylbenzene	ug/L	< 0.5	010511		0.5	EPA524.2
1,2 Dichlorobenzene (v)	ug/L	< 0.5	010511		0.5	EPA524.2
124-Trichlorobenzene (v)	ug/L	< 0.5	010511		0.5	EPA524.2
Hexachlorobutadiene	ug/L	< 0.5	010511		0.5	EPA524.2
Naphthalene(v)	ug/L	< 0.5	010511		0.5	EPA524.2
123-Trichlorobenzene	ug/L	< 0.5	010511		0.5	EPA524.2
T.Coliform, 100 mL		Absent	010411	1508	0	S189223
E.Coli, 100mL		Absent	010411	1508	0	S189223

cc:BNL, Robert J. Lee

LRL=Laboratory Reporting Limit

REMARKS: All values are within NY State and Federal limits for potable water.

DIRECTOR 

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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.110027.10

01/20/11

Brookhaven National Laboratory  
Bldg. 452, P.O. Box 5000  
Upton, NY 11973-5000

ATTN: William Chaloupka

PO#:0000143228

SOURCE OF SAMPLE: 093-07

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:01/04/11 RECEIVED:01/04/11  
TIME COL'D:0700MATRIX:W SAMPLE: W-6  
28940-010

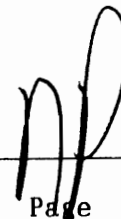
ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Dichlorodifluoromethane	ug/L	< 0.5	010511		0.5	EPA524.2
Chloromethane	ug/L	< 0.5	010511		0.5	EPA524.2
Vinyl Chloride	ug/L	< 0.5	010511		0.5	EPA524.2
Bromomethane	ug/L	< 0.5	010511		0.5	EPA524.2
Chloroethane	ug/L	< 0.5	010511		0.5	EPA524.2
Trichlorofluoromethane	ug/L	< 0.5	010511		0.5	EPA524.2
1,1 Dichloroethene	ug/L	< 0.5	010511		0.5	EPA524.2
Methylene Chloride	ug/L	< 0.5	010511		0.5	EPA524.2
ter. ButylMethylEther	ug/L	< 0.5	010511		0.5	EPA524.2
t-1,2-Dichloroethene	ug/L	< 0.5	010511		0.5	EPA524.2
1,1 Dichloroethane	ug/L	< 0.5	010511		0.5	EPA524.2
2,2-Dichloropropane	ug/L	< 0.5	010511		0.5	EPA524.2
c-1,2-Dichloroethene	ug/L	< 0.5	010511		0.5	EPA524.2
Chloroform	ug/L	0.6	010511		0.5	EPA524.2
Bromochloromethane	ug/L	< 0.5	010511		0.5	EPA524.2
111 Trichloroethane	ug/L	< 0.5	010511		0.5	EPA524.2
1,1-Dichloropropene	ug/L	< 0.5	010511		0.5	EPA524.2
Carbon Tetrachloride	ug/L	< 0.5	010511		0.5	EPA524.2
1,2 Dichloroethane	ug/L	< 0.5	010511		0.5	EPA524.2
Benzene	ug/L	< 0.5	010511		0.5	EPA524.2
Trichloroethene	ug/L	< 0.5	010511		0.5	EPA524.2
1,2 Dichloropropane	ug/L	< 0.5	010511		0.5	EPA524.2
Bromodichloromethane	ug/L	< 0.5	010511		0.5	EPA524.2
Dibromomethane	ug/L	< 0.5	010511		0.5	EPA524.2
c-1,3Dichloropropene	ug/L	< 0.5	010511		0.5	EPA524.2

cc:BNL, Robert J. Lee

LRL=Laboratory Reporting Limit

REMARKS: All values are within NY State and Federal limits for  
potable water.

DIRECTOR



# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.110027.10

01/20/11

Brookhaven National Laboratory  
Bldg. 452, P.O. Box 5000  
Upton, NY 11973-5000

ATTN: William Chaloupka

PO#:0000143228

SOURCE OF SAMPLE: 093-07

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:01/04/11 RECEIVED:01/04/11

TIME COL'D:0700

MATRIX:W

SAMPLE: W-6

28940-010

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	ANALYTICAL
			FLAG OF ANALYSIS	LRL METHOD
Toluene	ug/L	< 0.5	010511	0.5 EPA524.2
t-1,3Dichloropropene	ug/L	< 0.5	010511	0.5 EPA524.2
112 Trichloroethane	ug/L	< 0.5	010511	0.5 EPA524.2
1,3-Dichloropropane	ug/L	< 0.5	010511	0.5 EPA524.2
Tetrachloroethene	ug/L	< 0.5	010511	0.5 EPA524.2
Chlorodibromomethane	ug/L	< 0.5	010511	0.5 EPA524.2
Chlorobenzene	ug/L	< 0.5	010511	0.5 EPA524.2
1112Tetrachloroethane	ug/L	< 0.5	010511	0.5 EPA524.2
Ethyl Benzene	ug/L	< 0.5	010511	0.5 EPA524.2
m + p Xylene	ug/L	< 1	010511	1 EPA524.2
o Xylene	ug/L	< 0.5	010511	0.5 EPA524.2
Styrene	ug/L	< 0.5	010511	0.5 EPA524.2
Bromoform	ug/L	< 0.5	010511	0.5 EPA524.2
Isopropylbenzene	ug/L	< 0.5	010511	0.5 EPA524.2
1122Tetrachloroethane	ug/L	< 0.5	010511	0.5 EPA524.2
123-Trichloropropane	ug/L	< 0.5	010511	0.5 EPA524.2
n-Propylbenzene	ug/L	< 0.5	010511	0.5 EPA524.2
Bromobenzene	ug/L	< 0.5	010511	0.5 EPA524.2
135-Trimethylbenzene	ug/L	< 0.5	010511	0.5 EPA524.2
2-Chlorotoluene	ug/L	< 0.5	010511	0.5 EPA524.2
4-Chlorotoluene	ug/L	< 0.5	010511	0.5 EPA524.2
tert-Butylbenzene	ug/L	< 0.5	010511	0.5 EPA524.2
124-Trimethylbenzene	ug/L	< 0.5	010511	0.5 EPA524.2
sec-Butylbenzene	ug/L	< 0.5	010511	0.5 EPA524.2

cc:BNL, Robert J. Lee

LRL=Laboratory Reporting Limit

REMARKS: All values are within NY State and Federal limits for potable water.

DIRECTOR



377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.110027.10

01/20/11

Brookhaven National Laboratory  
Bldg. 452, P.O. Box 5000  
Upton, NY 11973-5000

ATTN: William Chaloupka

PO#:0000143228

SOURCE OF SAMPLE: 093-07

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:01/04/11 RECEIVED:01/04/11

TIME COL'D:0700

MATRIX:W

SAMPLE: W-6

28940-010

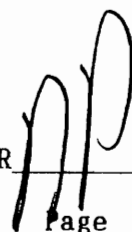
ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME		ANALYTICAL	
			FLAG OF ANALYSIS	LRL	METHOD	
p-Isopropyltoluene	ug/L	< 0.5	010511	0.5	EPA524.2	
1,3 Dichlorobenzene (v)	ug/L	< 0.5	010511	0.5	EPA524.2	
1,4 Dichlorobenzene (v)	ug/L	< 0.5	010511	0.5	EPA524.2	
n-Butylbenzene	ug/L	< 0.5	010511	0.5	EPA524.2	
1,2 Dichlorobenzene (v)	ug/L	< 0.5	010511	0.5	EPA524.2	
124-Trichlorobenzene (v)	ug/L	< 0.5	010511	0.5	EPA524.2	
Hexachlorobutadiene	ug/L	< 0.5	010511	0.5	EPA524.2	
Naphthalene(v)	ug/L	< 0.5	010511	0.5	EPA524.2	
123-Trichlorobenzene	ug/L	< 0.5	010511	0.5	EPA524.2	
T.Coliform, 100 mL		Absent	010411 1508	0	S189223	
E.Coli, 100mL		Absent	010411 1508	0	S189223	

cc:BNL, Robert J. Lee

LRL=Laboratory Reporting Limit

REMARKS: All values are within NY State and Federal limits for  
potable water.

DIRECTOR



377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.110027.11

01/20/11

Brookhaven National Laboratory  
Bldg. 452, P.O. Box 5000  
Upton, NY 11973-5000

ATTN: William Chaloupka

PO#:0000143228

SOURCE OF SAMPLE: 092-03

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:01/04/11 RECEIVED:01/04/11

TIME COL'D:0645

MATRIX:W

SAMPLE: W-7

28940-011

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	ANALYTICAL
			FLAG OF ANALYSIS	LRL METHOD
Dichlorodifluoromethane	ug/L	< 0.5	010511	0.5 EPA524.2
Chloromethane	ug/L	< 0.5	010511	0.5 EPA524.2
Vinyl Chloride	ug/L	< 0.5	010511	0.5 EPA524.2
Bromomethane	ug/L	< 0.5	010511	0.5 EPA524.2
Chloroethane	ug/L	< 0.5	010511	0.5 EPA524.2
Trichlorofluoromethane	ug/L	< 0.5	010511	0.5 EPA524.2
1,1 Dichloroethene	ug/L	< 0.5	010511	0.5 EPA524.2
Methylene Chloride	ug/L	< 0.5	010511	0.5 EPA524.2
ter. ButylMethylEther	ug/L	< 0.5	010511	0.5 EPA524.2
t-1,2-Dichloroethene	ug/L	< 0.5	010511	0.5 EPA524.2
1,1 Dichloroethane	ug/L	< 0.5	010511	0.5 EPA524.2
2,2-Dichloropropane	ug/L	< 0.5	010511	0.5 EPA524.2
c-1,2-Dichloroethene	ug/L	< 0.5	010511	0.5 EPA524.2
Chloroform	ug/L	< 0.5	010511	0.5 EPA524.2
Bromochloromethane	ug/L	< 0.5	010511	0.5 EPA524.2
111 Trichloroethane	ug/L	< 0.5	010511	0.5 EPA524.2
1,1-Dichloropropene	ug/L	< 0.5	010511	0.5 EPA524.2
Carbon Tetrachloride	ug/L	< 0.5	010511	0.5 EPA524.2
1,2 Dichloroethane	ug/L	< 0.5	010511	0.5 EPA524.2
Benzene	ug/L	< 0.5	010511	0.5 EPA524.2
Trichloroethene	ug/L	< 0.5	010511	0.5 EPA524.2
1,2 Dichloropropane	ug/L	< 0.5	010511	0.5 EPA524.2
Bromodichloromethane	ug/L	< 0.5	010511	0.5 EPA524.2
Dibromomethane	ug/L	< 0.5	010511	0.5 EPA524.2
c-1,3Dichloropropene	ug/L	< 0.5	010511	0.5 EPA524.2

cc:BNL, Robert J. Lee

LRL=Laboratory Reporting Limit

REMARKS: All values are within NY State and Federal limits for  
potable water.

DIRECTOR



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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.110027.11

01/20/11

Brookhaven National Laboratory  
Bldg. 452, P.O. Box 5000  
Upton, NY 11973-5000

ATTN: William Chaloupka

PO#:0000143228

SOURCE OF SAMPLE: 092-03

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:01/04/11 RECEIVED:01/04/11

TIME COL'D:0645

MATRIX:W

SAMPLE: W-7

28940-011

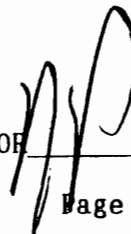
ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	LRL	ANALYTICAL
			FLAG OF ANALYSIS		METHOD
Toluene	ug/L	< 0.5	010511	0.5	EPA524.2
t-1,3Dichloropropene	ug/L	< 0.5	010511	0.5	EPA524.2
112 Trichloroethane	ug/L	< 0.5	010511	0.5	EPA524.2
1,3-Dichloropropane	ug/L	< 0.5	010511	0.5	EPA524.2
Tetrachloroethene	ug/L	< 0.5	010511	0.5	EPA524.2
Chlorodibromomethane	ug/L	< 0.5	010511	0.5	EPA524.2
Chlorobenzene	ug/L	< 0.5	010511	0.5	EPA524.2
1112Tetrachloroethane	ug/L	< 0.5	010511	0.5	EPA524.2
Ethyl Benzene	ug/L	< 0.5	010511	0.5	EPA524.2
m + p Xylene	ug/L	< 1	010511	1	EPA524.2
o Xylene	ug/L	< 0.5	010511	0.5	EPA524.2
Styrene	ug/L	< 0.5	010511	0.5	EPA524.2
Bromoform	ug/L	< 0.5	010511	0.5	EPA524.2
Isopropylbenzene	ug/L	< 0.5	010511	0.5	EPA524.2
1122Tetrachloroethane	ug/L	< 0.5	010511	0.5	EPA524.2
123-Trichloropropane	ug/L	< 0.5	010511	0.5	EPA524.2
n-Propylbenzene	ug/L	< 0.5	010511	0.5	EPA524.2
Bromobenzene	ug/L	< 0.5	010511	0.5	EPA524.2
135-Trimethylbenzene	ug/L	< 0.5	010511	0.5	EPA524.2
2-Chlorotoluene	ug/L	< 0.5	010511	0.5	EPA524.2
4-Chlorotoluene	ug/L	< 0.5	010511	0.5	EPA524.2
tert-Butylbenzene	ug/L	< 0.5	010511	0.5	EPA524.2
124-Trimethylbenzene	ug/L	< 0.5	010511	0.5	EPA524.2
sec-Butylbenzene	ug/L	< 0.5	010511	0.5	EPA524.2

cc:BNL, Robert J. Lee

LRL=Laboratory Reporting Limit

REMARKS: All values are within NY State and Federal limits for  
potable water.

DIRECTOR



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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.110027.11

01/20/11

Brookhaven National Laboratory  
Bldg. 452, P.O. Box 5000  
Upton, NY 11973-5000

ATTN: William Chaloupka

PO#:0000143228

SOURCE OF SAMPLE: 092-03

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:01/04/11 RECEIVED:01/04/11

TIME COL'D:0645

MATRIX:W

SAMPLE: W-7

28940-011

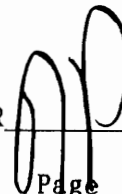
ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
p-Isopropyltoluene	ug/L	< 0.5	010511	0.5	EPA524.2
1,3 Dichlorobenzene (v)	ug/L	< 0.5	010511	0.5	EPA524.2
1,4 Dichlorobenzene (v)	ug/L	< 0.5	010511	0.5	EPA524.2
n-Butylbenzene	ug/L	< 0.5	010511	0.5	EPA524.2
1,2 Dichlorobenzene (v)	ug/L	< 0.5	010511	0.5	EPA524.2
124-Trichlorobenzene (v)	ug/L	< 0.5	010511	0.5	EPA524.2
Hexachlorobutadiene	ug/L	< 0.5	010511	0.5	EPA524.2
Naphthalene(v)	ug/L	< 0.5	010511	0.5	EPA524.2
123-Trichlorobenzene	ug/L	< 0.5	010511	0.5	EPA524.2
T.Coliform, 100 mL		Absent	010411 1508	0	S189223
E.Coli, 100mL		Absent	010411 1508	0	S189223

cc:BNL, Robert J. Lee

LRL=Laboratory Reporting Limit

REMARKS: All values are within NY State and Federal limits for  
potable water.

DIRECTOR



377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.110027.12

01/20/11

Brookhaven National Laboratory  
Bldg. 452, P.O. Box 5000  
Upton, NY 11973-5000

ATTN: William Chaloupka

PO#:0000143228

SOURCE OF SAMPLE: 055-09

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:01/04/11 RECEIVED:01/04/11

TIME COL'D:1000

MATRIX:W

SAMPLE: W-10

28940-012

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	ANALYTICAL	
			FLAG OF ANALYSIS	LRL	METHOD
Dichlorodifluoromethane	ug/L	< 0.5	010511	0.5	EPA524.2
Chloromethane	ug/L	< 0.5	010511	0.5	EPA524.2
Vinyl Chloride	ug/L	< 0.5	010511	0.5	EPA524.2
Bromomethane	ug/L	< 0.5	010511	0.5	EPA524.2
Chloroethane	ug/L	< 0.5	010511	0.5	EPA524.2
Trichlorofluoromethane	ug/L	< 0.5	010511	0.5	EPA524.2
1,1 Dichloroethene	ug/L	< 0.5	010511	0.5	EPA524.2
Methylene Chloride	ug/L	< 0.5	010511	0.5	EPA524.2
ter. ButylMethylEther	ug/L	< 0.5	010511	0.5	EPA524.2
t-1,2-Dichloroethene	ug/L	< 0.5	010511	0.5	EPA524.2
1,1 Dichloroethane	ug/L	< 0.5	010511	0.5	EPA524.2
2,2-Dichloropropane	ug/L	< 0.5	010511	0.5	EPA524.2
c-1,2-Dichloroethene	ug/L	< 0.5	010511	0.5	EPA524.2
Chloroform	ug/L	< 0.5	010511	0.5	EPA524.2
Bromochloromethane	ug/L	< 0.5	010511	0.5	EPA524.2
111 Trichloroethane	ug/L	< 0.5	010511	0.5	EPA524.2
1,1-Dichloropropene	ug/L	< 0.5	010511	0.5	EPA524.2
Carbon Tetrachloride	ug/L	< 0.5	010511	0.5	EPA524.2
1,2 Dichloroethane	ug/L	< 0.5	010511	0.5	EPA524.2
Benzene	ug/L	< 0.5	010511	0.5	EPA524.2
Trichloroethene	ug/L	< 0.5	010511	0.5	EPA524.2
1,2 Dichloropropane	ug/L	< 0.5	010511	0.5	EPA524.2
Bromodichloromethane	ug/L	< 0.5	010511	0.5	EPA524.2
Dibromomethane	ug/L	< 0.5	010511	0.5	EPA524.2
c-1,3Dichloropropene	ug/L	< 0.5	010511	0.5	EPA524.2

cc:BNL, Robert J. Lee

LRL=Laboratory Reporting Limit

REMARKS: All values are within NY State and Federal limits for  
potable water.

DIRECTOR



# ECOTEST LABORATORIES, INC.

## ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.110027.12

01/20/11

Brookhaven National Laboratory  
Bldg. 452, P.O. Box 5000  
Upton, NY 11973-5000  
ATTN: William Chaloupka

PO#:0000143228

SOURCE OF SAMPLE: 055-09

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:01/04/11 RECEIVED:01/04/11

TIME COL'D:1000

MATRIX:W

SAMPLE: W-10  
28940-012

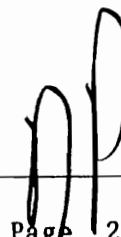
ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	ANALYTICAL	
			FLAG OF ANALYSIS	LRL	METHOD
Toluene	ug/L	< 0.5	010511	0.5	EPA524.2
t-1,3Dichloropropene	ug/L	< 0.5	010511	0.5	EPA524.2
112 Trichloroethane	ug/L	< 0.5	010511	0.5	EPA524.2
1,3-Dichloropropane	ug/L	< 0.5	010511	0.5	EPA524.2
Tetrachloroethene	ug/L	< 0.5	010511	0.5	EPA524.2
Chlorodibromomethane	ug/L	< 0.5	010511	0.5	EPA524.2
Chlorobenzene	ug/L	< 0.5	010511	0.5	EPA524.2
1112Tetrachloroethane	ug/L	< 0.5	010511	0.5	EPA524.2
Ethyl Benzene	ug/L	< 0.5	010511	0.5	EPA524.2
m + p Xylene	ug/L	< 1	010511	1	EPA524.2
o Xylene	ug/L	< 0.5	010511	0.5	EPA524.2
Styrene	ug/L	< 0.5	010511	0.5	EPA524.2
Bromoform	ug/L	< 0.5	010511	0.5	EPA524.2
Isopropylbenzene	ug/L	< 0.5	010511	0.5	EPA524.2
1122Tetrachloroethane	ug/L	< 0.5	010511	0.5	EPA524.2
123-Trichloropropane	ug/L	< 0.5	010511	0.5	EPA524.2
n-Propylbenzene	ug/L	< 0.5	010511	0.5	EPA524.2
Bromobenzene	ug/L	< 0.5	010511	0.5	EPA524.2
135-Trimethylbenzene	ug/L	< 0.5	010511	0.5	EPA524.2
2-Chlorotoluene	ug/L	< 0.5	010511	0.5	EPA524.2
4-Chlorotoluene	ug/L	< 0.5	010511	0.5	EPA524.2
tert-Butylbenzene	ug/L	< 0.5	010511	0.5	EPA524.2
124-Trimethylbenzene	ug/L	< 0.5	010511	0.5	EPA524.2
sec-Butylbenzene	ug/L	< 0.5	010511	0.5	EPA524.2

cc:BNL, Robert J. Lee

LRL=Laboratory Reporting Limit

REMARKS: All values are within NY State and Federal limits for potable water.

DIRECTOR



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Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.110027.12

01/20/11

Brookhaven National Laboratory  
Bldg. 452, P.O. Box 5000  
Upton, NY 11973-5000

ATTN: William Chaloupka

PO#:0000143228

SOURCE OF SAMPLE: 055-09

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:01/04/11 RECEIVED:01/04/11

TIME COL'D:1000

MATRIX:W

SAMPLE: W-10

28940-012

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
p-Isopropyltoluene	ug/L	< 0.5	010511		0.5	EPA524.2
1,3 Dichlorobenzene (v)	ug/L	< 0.5	010511		0.5	EPA524.2
1,4 Dichlorobenzene (v)	ug/L	< 0.5	010511		0.5	EPA524.2
n-Butylbenzene	ug/L	< 0.5	010511		0.5	EPA524.2
1,2 Dichlorobenzene (v)	ug/L	< 0.5	010511		0.5	EPA524.2
124-Trichlorobenzene (v)	ug/L	< 0.5	010511		0.5	EPA524.2
Hexachlorobutadiene	ug/L	< 0.5	010511		0.5	EPA524.2
Naphthalene(v)	ug/L	< 0.5	010511		0.5	EPA524.2
123-Trichlorobenzene	ug/L	< 0.5	010511		0.5	EPA524.2
T.Coliform, 100 mL		Absent	010411 1509		0	S189223
E.Coli, 100mL		Absent	010411 1509		0	S189223

cc:BNL, Robert J. Lee

LRL=Laboratory Reporting Limit

REMARKS: All values are within NY State and Federal limits for  
potable water.

DIRECTOR



377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO. 110027.13

01/20/11

Brookhaven National Laboratory

Bldg. 452, P.O. Box 5000

Upton, NY 11973-5000

ATTN: William Chaloupka

PO#: 0000143228

SOURCE OF SAMPLE: 056-19

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D: 01/04/11 RECEIVED: 01/04/11

TIME COL'D: 0930

MATRIX: W

SAMPLE: W-11

28940-013

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	ANALYTICAL	
			FLAG OF ANALYSIS	LRL	METHOD
Dichlorodifluoromethane	ug/L	< 0.5	010511	0.5	EPA524.2
Chloromethane	ug/L	< 0.5	010511	0.5	EPA524.2
Vinyl Chloride	ug/L	< 0.5	010511	0.5	EPA524.2
Bromomethane	ug/L	< 0.5	010511	0.5	EPA524.2
Chloroethane	ug/L	< 0.5	010511	0.5	EPA524.2
Trichlorofluoromethane	ug/L	< 0.5	010511	0.5	EPA524.2
1,1 Dichloroethene	ug/L	< 0.5	010511	0.5	EPA524.2
Methylene Chloride	ug/L	< 0.5	010511	0.5	EPA524.2
ter. Butyl Methyl Ether	ug/L	< 0.5	010511	0.5	EPA524.2
t-1,2-Dichloroethene	ug/L	< 0.5	010511	0.5	EPA524.2
1,1 Dichloroethane	ug/L	< 0.5	010511	0.5	EPA524.2
2,2-Dichloropropane	ug/L	< 0.5	010511	0.5	EPA524.2
c-1,2-Dichloroethene	ug/L	< 0.5	010511	0.5	EPA524.2
Chloroform	ug/L	5.0	010511	0.5	EPA524.2
Bromochloromethane	ug/L	< 0.5	010511	0.5	EPA524.2
111 Trichloroethane	ug/L	< 0.5	010511	0.5	EPA524.2
1,1-Dichloropropene	ug/L	< 0.5	010511	0.5	EPA524.2
Carbon Tetrachloride	ug/L	< 0.5	010511	0.5	EPA524.2
1,2 Dichloroethane	ug/L	< 0.5	010511	0.5	EPA524.2
Benzene	ug/L	< 0.5	010511	0.5	EPA524.2
Trichloroethene	ug/L	< 0.5	010511	0.5	EPA524.2
1,2 Dichloropropane	ug/L	< 0.5	010511	0.5	EPA524.2
Bromodichloromethane	ug/L	6.5	010511	0.5	EPA524.2
Dibromomethane	ug/L	< 0.5	010511	0.5	EPA524.2
c-1,3Dichloropropene	ug/L	< 0.5	010511	0.5	EPA524.2

cc:BNL, Robert J. Lee

LRL=Laboratory Reporting Limit

REMARKS: All values are within NY State and Federal limits for potable water.

DIRECTOR



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Email: [ecotestlab@aol.com](mailto:ecotestlab@aol.com) Website: [www.ecotestlabs.com](http://www.ecotestlabs.com)

LAB NO.110027.13

01/20/11

Brookhaven National Laboratory  
Bldg. 452, P.O. Box 5000  
Upton, NY 11973-5000

ATTN: William Chaloupka

PO#:0000143228

SOURCE OF SAMPLE: 056-19

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:01/04/11 RECEIVED:01/04/11

TIME COL'D:0930

MATRIX:W

SAMPLE: W-11

28940-013

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	ANALYTICAL	
			FLAG OF ANALYSIS	LRL	METHOD
Toluene	ug/L	< 0.5	010511	0.5	EPA524.2
t-1,3Dichloropropene	ug/L	< 0.5	010511	0.5	EPA524.2
112 Trichloroethane	ug/L	< 0.5	010511	0.5	EPA524.2
1,3-Dichloropropane	ug/L	< 0.5	010511	0.5	EPA524.2
Tetrachloroethene	ug/L	< 0.5	010511	0.5	EPA524.2
Chlorodibromomethane	ug/L	7.3	010511	0.5	EPA524.2
Chlorobenzene	ug/L	< 0.5	010511	0.5	EPA524.2
1112Tetrachloroethane	ug/L	< 0.5	010511	0.5	EPA524.2
Ethyl Benzene	ug/L	< 0.5	010511	0.5	EPA524.2
m + p Xylene	ug/L	< 1	010511	1	EPA524.2
o Xylene	ug/L	< 0.5	010511	0.5	EPA524.2
Styrene	ug/L	< 0.5	010511	0.5	EPA524.2
Bromoform	ug/L	4.2	010511	0.5	EPA524.2
Isopropylbenzene	ug/L	< 0.5	010511	0.5	EPA524.2
1122Tetrachloroethane	ug/L	< 0.5	010511	0.5	EPA524.2
123-Trichloropropane	ug/L	< 0.5	010511	0.5	EPA524.2
n-Propylbenzene	ug/L	< 0.5	010511	0.5	EPA524.2
Bromobenzene	ug/L	< 0.5	010511	0.5	EPA524.2
135-Trimethylbenzene	ug/L	< 0.5	010511	0.5	EPA524.2
2-Chlorotoluene	ug/L	< 0.5	010511	0.5	EPA524.2
4-Chlorotoluene	ug/L	< 0.5	010511	0.5	EPA524.2
tert-Butylbenzene	ug/L	< 0.5	010511	0.5	EPA524.2
124-Trimethylbenzene	ug/L	< 0.5	010511	0.5	EPA524.2
sec-Butylbenzene	ug/L	< 0.5	010511	0.5	EPA524.2

cc:BNL, Robert J. Lee

LRL=Laboratory Reporting Limit

REMARKS: All values are within NY State and Federal limits for  
potable water.

DIRECTOR



377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.110027.13

01/20/11

Brookhaven National Laboratory  
Bldg. 452, P.O. Box 5000  
Upton, NY 11973-5000

ATTN: William Chaloupka

PO#:0000143228

SOURCE OF SAMPLE: 056-19

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:01/04/11 RECEIVED:01/04/11

TIME COL'D:0930

MATRIX:W

SAMPLE: W-11

28940-013

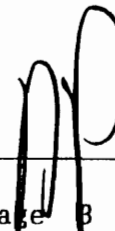
ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME		ANALYTICAL	
			FLAG OF ANALYSIS	LRL	METHOD	
p-Isopropyltoluene	ug/L	< 0.5	010511	0.5	EPA524.2	
1,3 Dichlorobenzene (v)	ug/L	< 0.5	010511	0.5	EPA524.2	
1,4 Dichlorobenzene (v)	ug/L	< 0.5	010511	0.5	EPA524.2	
n-Butylbenzene	ug/L	< 0.5	010511	0.5	EPA524.2	
1,2 Dichlorobenzene (v)	ug/L	< 0.5	010511	0.5	EPA524.2	
124-Trichlorobenzene (v)	ug/L	< 0.5	010511	0.5	EPA524.2	
Hexachlorobutadiene	ug/L	< 0.5	010511	0.5	EPA524.2	
Naphthalene(v)	ug/L	< 0.5	010511	0.5	EPA524.2	
123-Trichlorobenzene	ug/L	< 0.5	010511	0.5	EPA524.2	
T.Coliform, 100 mL		Absent	010411 1509	0	S189223	
E.Coli, 100mL		Absent	010411 1509	0	S189223	

cc:BNL, Robert J. Lee

LRL=Laboratory Reporting Limit

REMARKS: All values are within NY State and Federal limits for  
potable water.

DIRECTOR



# ECOTEST LABORATORIES, INC.

ENVIRONMENTAL TESTING

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: [ecotestlab@aol.com](mailto:ecotestlab@aol.com) Website: [www.ecotestlabs.com](http://www.ecotestlabs.com)

LAB NO.110027.14

01/20/11

Brookhaven National Laboratory  
Bldg. 452, P.O. Box 5000  
Upton, NY 11973-5000

ATTN: William Chaloupka

PO#:0000143228

SOURCE OF SAMPLE: 073-20

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:01/04/11 RECEIVED:01/04/11

TIME COL'D:1045

MATRIX:W

SAMPLE: WTF Packed Tower 648  
28940-014

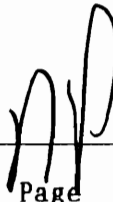
ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
T.Coliform, 100 mL		Absent	010411 1509		0	S189223
E.Coli, 100mL		Absent	010411 1509		0	S189223
Free Chlorine Resid.	mg/L	0.3		*		

cc:BNL, Robert J. Lee

LRL=Laboratory Reporting Limit

REMARKS: \* Measured in the field by client.  
Total Coliform Bacteria is within NY State and Federal  
limit for potable water

DIRECTOR



377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.110027.16

01/20/11

Brookhaven National Laboratory  
Bldg. 452, P.O. Box 5000  
Upton, NY 11973-5000

ATTN: William Chaloupka

PO#:0000143228

SOURCE OF SAMPLE: 073-10

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:01/04/11 RECEIVED:01/04/11

TIME COL'D:1100

MATRIX:W

SAMPLE: B-624 WTP  
28940-016

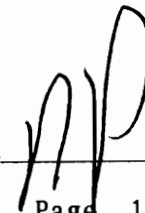
ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	ANALYTICAL
			FLAG OF ANALYSIS	LRL METHOD
Dichlorodifluoromethane	ug/L	< 0.5	010511	0.5 EPA524.2
Chloromethane	ug/L	< 0.5	010511	0.5 EPA524.2
Vinyl Chloride	ug/L	< 0.5	010511	0.5 EPA524.2
Bromomethane	ug/L	< 0.5	010511	0.5 EPA524.2
Chloroethane	ug/L	< 0.5	010511	0.5 EPA524.2
Trichlorofluoromethane	ug/L	< 0.5	010511	0.5 EPA524.2
1,1 Dichloroethene	ug/L	< 0.5	010511	0.5 EPA524.2
Methylene Chloride	ug/L	< 0.5	010511	0.5 EPA524.2
ter. ButylMethylEther	ug/L	< 0.5	010511	0.5 EPA524.2
t-1,2-Dichloroethene	ug/L	< 0.5	010511	0.5 EPA524.2
1,1 Dichloroethane	ug/L	< 0.5	010511	0.5 EPA524.2
2,2-Dichloropropane	ug/L	< 0.5	010511	0.5 EPA524.2
c-1,2-Dichloroethene	ug/L	< 0.5	010511	0.5 EPA524.2
Chloroform	ug/L	1.4	010511	0.5 EPA524.2
Bromochloromethane	ug/L	< 0.5	010511	0.5 EPA524.2
111 Trichloroethane	ug/L	< 0.5	010511	0.5 EPA524.2
1,1-Dichloropropene	ug/L	< 0.5	010511	0.5 EPA524.2
Carbon Tetrachloride	ug/L	< 0.5	010511	0.5 EPA524.2
1,2 Dichloroethane	ug/L	< 0.5	010511	0.5 EPA524.2
Benzene	ug/L	< 0.5	010511	0.5 EPA524.2
Trichloroethene	ug/L	< 0.5	010511	0.5 EPA524.2
1,2 Dichloropropane	ug/L	< 0.5	010511	0.5 EPA524.2
Bromodichloromethane	ug/L	1.5	010511	0.5 EPA524.2
Dibromomethane	ug/L	< 0.5	010511	0.5 EPA524.2
c-1,3Dichloropropene	ug/L	< 0.5	010511	0.5 EPA524.2

cc:BNL, Robert J. Lee

LRL=Laboratory Reporting Limit

REMARKS: All values are within NY State and Federal limits for  
potable water.

DIRECTOR



377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.110027.16

01/20/11

Brookhaven National Laboratory  
Bldg. 452, P.O. Box 5000  
Upton, NY 11973-5000

ATTN: William Chaloupka

PO#:0000143228

SOURCE OF SAMPLE: 073-10

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:01/04/11 RECEIVED:01/04/11  
TIME COL'D:1100MATRIX:W SAMPLE: B-624 WTP  
28940-016

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
Toluene	ug/L	< 0.5	010511		0.5	EPA524.2
t-1,3Dichloropropene	ug/L	< 0.5	010511		0.5	EPA524.2
112 Trichloroethane	ug/L	< 0.5	010511		0.5	EPA524.2
1,3-Dichloropropane	ug/L	< 0.5	010511		0.5	EPA524.2
Tetrachloroethene	ug/L	< 0.5	010511		0.5	EPA524.2
Chlorodibromomethane	ug/L	1.8	010511		0.5	EPA524.2
Chlorobenzene	ug/L	< 0.5	010511		0.5	EPA524.2
1112Tetrachloroethane	ug/L	< 0.5	010511		0.5	EPA524.2
Ethyl Benzene	ug/L	< 0.5	010511		0.5	EPA524.2
m + p Xylene	ug/L	< 1	010511		1	EPA524.2
o Xylene	ug/L	< 0.5	010511		0.5	EPA524.2
Styrene	ug/L	< 0.5	010511		0.5	EPA524.2
Bromoform	ug/L	< 0.5	010511		0.5	EPA524.2
Isopropylbenzene	ug/L	< 0.5	010511		0.5	EPA524.2
1122Tetrachloroethane	ug/L	< 0.5	010511		0.5	EPA524.2
123-Trichloropropane	ug/L	< 0.5	010511		0.5	EPA524.2
n-Propylbenzene	ug/L	< 0.5	010511		0.5	EPA524.2
Bromobenzene	ug/L	< 0.5	010511		0.5	EPA524.2
135-Trimethylbenzene	ug/L	< 0.5	010511		0.5	EPA524.2
2-Chlorotoluene	ug/L	< 0.5	010511		0.5	EPA524.2
4-Chlorotoluene	ug/L	< 0.5	010511		0.5	EPA524.2
tert-Butylbenzene	ug/L	< 0.5	010511		0.5	EPA524.2
124-Trimethylbenzene	ug/L	< 0.5	010511		0.5	EPA524.2
sec-Butylbenzene	ug/L	< 0.5	010511		0.5	EPA524.2

cc:BNL, Robert J. Lee

LRL=Laboratory Reporting Limit

REMARKS: All values are within NY State and Federal limits for  
potable water.

DIRECTOR



377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.110027.16

01/20/11

Brookhaven National Laboratory  
Bldg. 452, P.O. Box 5000  
Upton, NY 11973-5000

ATTN: William Chaloupka

PO#:0000143228

SOURCE OF SAMPLE: 073-10

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:01/04/11 RECEIVED:01/04/11

TIME COL'D:1100

MATRIX:W

SAMPLE: B-624 WTP  
28940-016

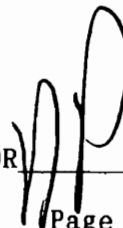
ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME FLAG OF ANALYSIS	LRL	ANALYTICAL METHOD
p-Isopropyltoluene	ug/L	< 0.5	010511	0.5	EPA524.2
1,3 Dichlorobenzene (v)	ug/L	< 0.5	010511	0.5	EPA524.2
1,4 Dichlorobenzene (v)	ug/L	< 0.5	010511	0.5	EPA524.2
n-Butylbenzene	ug/L	< 0.5	010511	0.5	EPA524.2
1,2 Dichlorobenzene (v)	ug/L	< 0.5	010511	0.5	EPA524.2
124-Trichlorobenzene (v)	ug/L	< 0.5	010511	0.5	EPA524.2
Hexachlorobutadiene	ug/L	< 0.5	010511	0.5	EPA524.2
Naphthalene(v)	ug/L	< 0.5	010511	0.5	EPA524.2
123-Trichlorobenzene	ug/L	< 0.5	010511	0.5	EPA524.2

cc:BNL, Robert J. Lee

LRL=Laboratory Reporting Limit

REMARKS: All values are within NY State and Federal limits for  
potable water.

DIRECTOR



**ATTACHMENT V**

**Brookhaven National Laboratory**

**Potable Water Supply**

**2011 Semi-Annual Inorganic and Nitrate/Nitrite Analyses**

**for the BNL Distribution System**

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777 • FAX (631) 422-5770

Email: ecotestlab@aol.com Website: www.ecotestlabs.com

LAB NO.110027.08

01/20/11

Brookhaven National Laboratory  
Bldg. 452, P.O. Box 5000  
Upton, NY 11973-5000

ATTN: William Chaloupka

PO#:0000143228

SOURCE OF SAMPLE: 084-81

SOURCE OF SAMPLE:

COLLECTED BY: Client

DATE COL'D:01/04/11 RECEIVED:01/04/11

TIME COL'D:1125

MATRIX:W

SAMPLE: B-400 Kitchen  
28940-008

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME		ANALYTICAL	
			FLAG	OF ANALYSIS	LRL	METHOD
Arsenic as As	mg/L	< 0.005	011211		0.005	EPA200.5
Barium as Ba	mg/L	0.026	011211		0.001	EPA200.5
Cadmium as Cd	mg/L	< 0.001	011211		0.001	EPA200.5
Chromium as Cr	mg/L	< 0.005	011211		0.005	EPA200.5
Fluoride as F	mg/L	< 0.2	011111		0.2	S184500FC
Mercury as Hg	mg/L	< 0.00025	010511		0.0002	EPA245.2
Selenium as Se	mg/L	< 0.005	011211		0.005	EPA200.5
Silver as Ag	mg/L	< 0.001	011211		0.001	EPA200.5
Chloride as Cl	mg/L	41	010511		2	S184500C1B
Color	units	< 5	010411	1554	5	S182120B
Iron as Fe	mg/L	0.04	011211		0.01	EPA200.5
Manganese as Mn	mg/L	< 0.01	011211		0.01	EPA200.5
Odor	units	0.0	010411	1421	0	EPA140.1
Sodium as Na	mg/L	25	011211		1	EPA200.5
Zinc as Zn	mg/L	< 0.01	011211		0.01	EPA200.5
Antimony as Sb	mg/L	< 0.005	011211		0.005	EPA200.5
Beryllium as Be	mg/L	< 0.001	011211		0.001	EPA200.5
Cyanide as CN	mg/L	< 0.02	010511		0.02	EPA335.4
Nickel as Ni	mg/L	< 0.005	011211		0.005	EPA200.5
Sulfate as SO4	mg/L	8	011111		5	AS D516-02
Thallium as Tl	mg/L	< 0.002	011711		0.002	EPA200.9
Specific Conductance	umho/cm	200	010711		1	S182510B
Ammonia as N	mg/L	< 0.05	010611		0.05	S204500NH3D
Lead as Pb	mg/L	< 0.001	011211		0.001	EPA200.5

cc:BNL, Robert J. Lee

LRL=Laboratory Reporting Limit

REMARKS: Suffolk County Inorganic Chem. Groups 1,2,3,4.  
All values are within NY State and Federal limits for  
potable water. Sodium concentration exceeds NY State  
recommendation for those on a severely restricted Sodium  
diet.

DIRECTOR 

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LAB NO.110027.08

01/20/11

Brookhaven National Laboratory  
Bldg. 452, P.O. Box 5000  
Upton, NY 11973-5000

ATTN: William Chaloupka

PO#:0000143228

SOURCE OF SAMPLE: 084-81

SOURCE OF SAMPLE:

COLLECTED BY: Client DATE COL'D:01/04/11 RECEIVED:01/04/11  
TIME COL'D:1125MATRIX:W SAMPLE: B-400 Kitchen  
28940-008

ANALYTICAL PARAMETERS	UNITS	RESULT	DATE TIME	ANALYTICAL	
			FLAG OF ANALYSIS	LRL	METHOD
Nitrite as N	mg/L	< 0.002	010411 1630	0.002	S184500N02B
Nitrate as N	mg/L	0.2	011311	0.05	EPA353.2
pH@lab units		7.3	010411 1503	0.1	S184500HB
MBAS as LAS	mg/L	< 0.1	010411 1615	0.1	EPA425.1

cc:BNL, Robert J. Lee

LRL=Laboratory Reporting Limit

REMARKS: Suffolk County Inorganic Chem. Groups 1,2,3,4.  
All values are within NY State and Federal limits for  
potable water.DIRECTOR 

Environmental Protection Division  
81 Cornell Avenue, Bldg. 120  
Upton, NY 11973

**BROOKHAVEN**  
NATIONAL LABORATORY

**FACSIMILE TRANSMITTAL SHEET**

**Fax #: 631-344-6079**

<b>Date:</b>	<b>February 9, 2011</b>
<b>To:</b>	<b>Ms. Mary La Flair</b>
<b>Company:</b>	<b>Suffolk County Department of Health Services</b>
<b>Fax #:</b>	<b>631-852-5787</b>
<b>From:</b>	<b>Jennifer Higbie</b>
<b>Phone Ext.:</b>	<b>631-344-5919 (or email: Higbie@bnl.gov)</b>

<b>Number of Pages (including cover sheet):</b>	
---	--

<b>Comments:</b>
Attached is a letter from Robert Lee with the Subject: Monthly Water Treatment Plant reports for January 2011. Included with the letter are Attachment I: BNL Potable Water Supply Operational Data for January and Attachment III: January 2011 Stage 1 Disinfectants & Disinfection Byproduct Rule Monitoring Data and Bacteriological Analyses for the BNL Distribution System

EXPLORING EARTH'S MYSTERIES  
...PROTECTING ITS FUTURE

\*\*\*\*\*  
 \*\*\* TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

TX/RX NO	1399	
CONNECTION TEL		98525787
CONNECTION ID		
ST. TIME	02/09 15:38	
USAGE T	08'54	
PGS. SENT	22	
RESULT	OK	

Environmental Protection Division  
 81 Cornell Avenue, Bldg. 120  
 Upton, NY 11973

**BROOKHAVEN**  
 NATIONAL LABORATORY

## FACSIMILE TRANSMITTAL SHEET

Fax #: 631-344-6079

Date:	February 9, 2011
To:	Ms. Mary La Flair
Company:	Suffolk County Department of Health Services
Fax #:	631-852-5787
From:	Jennifer Higbie
Phone Ext.:	631-344-5919 (or email: Higbie@bnl.gov)

Number of Pages (including cover sheet):	
--	--

**Comments:**

Attached is a letter from Robert Lee with the Subject: Monthly Water Treatment Plant reports for January 2011.

Included with the letter are

Attachment I: BNL Potable Water Supply Operational Data for January

and

Attachment III: January 2011 Stage 1 Disinfectants & Disinfection Byproduct Rule Monitoring Data and Bacteriological Analyses for the BNL Distribution System