

June 08, 2018

Rob King
Hampton Bays Water District
P.O. Box 1013
Hampton Bays, NY 11946

RE: Project: DIST BACT 6/6
Pace Project No.: 7053971

Dear Rob King:

Enclosed are the analytical results for sample(s) received by the laboratory on June 06, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Stu Murrell
stu.murrell@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Warren Booth, Hampton Bays Water District
John Collins, H2M Group
Stella Michaels, Hampton Bays Water District
Paul Ponturo, H2M Group



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: DIST BACT 6/6

Pace Project No.: 7053971

Long Island Certification IDs

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158

Pennsylvania Certification #: 68-00350

Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

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SAMPLE SUMMARY

Project: DIST BACT 6/6

Pace Project No.: 7053971

Lab ID	Sample ID	Matrix	Date Collected	Date Received
7053971001	HB27	Drinking Water	06/06/18 08:15	06/06/18 16:45
7053971002	HB2	Drinking Water	06/06/18 07:45	06/06/18 16:45
7053971003	HB3	Drinking Water	06/06/18 08:00	06/06/18 16:45
7053971004	HB4	Drinking Water	06/06/18 08:30	06/06/18 16:45
7053971005	HB5	Drinking Water	06/06/18 08:46	06/06/18 16:45
7053971006	HB6	Drinking Water	06/06/18 09:01	06/06/18 16:45
7053971007	HB7	Drinking Water	06/06/18 09:16	06/06/18 16:45
7053971008	HB8	Drinking Water	06/06/18 09:31	06/06/18 16:45
7053971009	HB9	Drinking Water	06/06/18 07:30	06/06/18 16:45
7053971010	HB10	Drinking Water	06/06/18 09:50	06/06/18 16:45
7053971011	HB11	Drinking Water	06/06/18 10:05	06/06/18 16:45

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: DIST BACT 6/6

Pace Project No.: 7053971

Lab ID	Sample ID	Method	Analysts	Analytes Reported
7053971001	HB27	SM22 9223B Colilert	NML	2
7053971002	HB2	SM22 9223B Colilert	NML	2
7053971003	HB3	SM22 9223B Colilert	NML	2
7053971004	HB4	SM22 9223B Colilert	NML	2
7053971005	HB5	SM22 9223B Colilert	NML	2
7053971006	HB6	SM22 9223B Colilert	NML	2
7053971007	HB7	SM22 9223B Colilert	NML	2
7053971008	HB8	SM22 9223B Colilert	NML	2
7053971009	HB9	SM22 9223B Colilert	NML	2
7053971010	HB10	SM22 9223B Colilert	NML	2
7053971011	HB11	SM22 9223B Colilert	NML	2

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ANALYTICAL RESULTS

Project: DIST BACT 6/6

Pace Project No.: 7053971

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: HB27									
Lab ID: 7053971001									
Collected: 06/06/18 08:15 Received: 06/06/18 16:45 Matrix: Drinking Water									
Field Chlorine and pH									
Analytical Method:									
Field Residual Chlorine	0.73	mg/L			1		06/06/18 08:15		N3
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Total Coliforms	Absent				1	06/06/18 19:35	06/07/18 13:35		
E.coli	Absent				1	06/06/18 19:35	06/07/18 13:35		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: DIST BACT 6/6

Pace Project No.: 7053971

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: HB2									
Lab ID: 7053971002									
Collected: 06/06/18 07:45 Received: 06/06/18 16:45 Matrix: Drinking Water									
Field Chlorine and pH									
Analytical Method:									
Field Residual Chlorine	0.84	mg/L			1		06/06/18 07:45		N3
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Total Coliforms	Absent				1	06/06/18 19:35	06/07/18 13:35		
E.coli	Absent				1	06/06/18 19:35	06/07/18 13:35		

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ANALYTICAL RESULTS

Project: DIST BACT 6/6

Pace Project No.: 7053971

Sample: HB3		Lab ID: 7053971003		Collected: 06/06/18 08:00	Received: 06/06/18 16:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual	
Field Chlorine and pH		Analytical Method:								
Field Residual Chlorine	0.41	mg/L			1		06/06/18 08:00		N3	
MBIO Total Coliform DW		Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert								
Total Coliforms	Absent				1	06/06/18 19:35	06/07/18 13:35			
E.coli	Absent				1	06/06/18 19:35	06/07/18 13:35			

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ANALYTICAL RESULTS

Project: DIST BACT 6/6

Pace Project No.: 7053971

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: HB4									
Lab ID: 7053971004									
Collected: 06/06/18 08:30 Received: 06/06/18 16:45 Matrix: Drinking Water									
Field Chlorine and pH									
Analytical Method:									
Field Residual Chlorine	0.64	mg/L			1		06/06/18 08:30		N3
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Total Coliforms	Absent				1	06/06/18 19:35	06/07/18 13:35		
E.coli	Absent				1	06/06/18 19:35	06/07/18 13:35		

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ANALYTICAL RESULTS

Project: DIST BACT 6/6

Pace Project No.: 7053971

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: HB5									
Lab ID: 7053971005									
Collected: 06/06/18 08:46 Received: 06/06/18 16:45 Matrix: Drinking Water									
Field Chlorine and pH									
Analytical Method:									
Field Residual Chlorine	0.62	mg/L			1		06/06/18 08:46		N3
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Total Coliforms	Absent				1	06/06/18 19:35	06/07/18 13:35		
E.coli	Absent				1	06/06/18 19:35	06/07/18 13:35		

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ANALYTICAL RESULTS

Project: DIST BACT 6/6

Pace Project No.: 7053971

Sample: HB6		Lab ID: 7053971006		Collected: 06/06/18 09:01	Received: 06/06/18 16:45	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Chlorine and pH		Analytical Method:							
Field Residual Chlorine	0.48	mg/L			1		06/06/18 09:01		N3
MBIO Total Coliform DW		Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert							
Total Coliforms	Absent				1	06/06/18 19:35	06/07/18 13:35		
E.coli	Absent				1	06/06/18 19:35	06/07/18 13:35		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: DIST BACT 6/6

Pace Project No.: 7053971

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: HB7									
Lab ID: 7053971007									
Collected: 06/06/18 09:16 Received: 06/06/18 16:45 Matrix: Drinking Water									
Field Chlorine and pH									
Analytical Method:									
Field Residual Chlorine	0.54	mg/L			1		06/06/18 09:16		N3
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Total Coliforms	Absent				1	06/06/18 19:35	06/07/18 13:35		
E.coli	Absent				1	06/06/18 19:35	06/07/18 13:35		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: DIST BACT 6/6

Pace Project No.: 7053971

Sample: HB8		Lab ID: 7053971008		Collected: 06/06/18 09:31	Received: 06/06/18 16:45	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual	
Field Chlorine and pH		Analytical Method:								
Field Residual Chlorine	0.99	mg/L			1		06/06/18 09:31		N3	
MBIO Total Coliform DW		Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert								
Total Coliforms	Absent				1	06/06/18 19:35	06/07/18 13:35			
E.coli	Absent				1	06/06/18 19:35	06/07/18 13:35			

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ANALYTICAL RESULTS

Project: DIST BACT 6/6

Pace Project No.: 7053971

Sample: HB9		Lab ID: 7053971009		Collected: 06/06/18 07:30	Received: 06/06/18 16:45	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Chlorine and pH		Analytical Method:							
Field Residual Chlorine	0.48	mg/L			1		06/06/18 07:30		N3
MBIO Total Coliform DW		Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert							
Total Coliforms	Absent				1	06/06/18 19:35	06/07/18 13:35		
E.coli	Absent				1	06/06/18 19:35	06/07/18 13:35		

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ANALYTICAL RESULTS

Project: DIST BACT 6/6

Pace Project No.: 7053971

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: HB10									
Lab ID: 7053971010									
Collected: 06/06/18 09:50 Received: 06/06/18 16:45 Matrix: Drinking Water									
Field Chlorine and pH									
Analytical Method:									
Field Residual Chlorine	0.66	mg/L			1		06/06/18 09:50		N3
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Total Coliforms	Absent				1	06/06/18 19:35	06/07/18 13:35		
E.coli	Absent				1	06/06/18 19:35	06/07/18 13:35		

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ANALYTICAL RESULTS

Project: DIST BACT 6/6

Pace Project No.: 7053971

Sample: HB11		Lab ID: 7053971011		Collected: 06/06/18 10:05	Received: 06/06/18 16:45	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Chlorine and pH		Analytical Method:							
Field Residual Chlorine	0.86	mg/L			1		06/06/18 10:05		N3
MBIO Total Coliform DW		Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert							
Total Coliforms	Absent				1	06/06/18 19:35	06/07/18 13:35		
E.coli	Absent				1	06/06/18 19:35	06/07/18 13:35		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: DIST BACT 6/6

Pace Project No.: 7053971

QC Batch:	70680	Analysis Method:	SM22 9223B Colilert
QC Batch Method:	SM22 9223B Colilert	Analysis Description:	TotColDW MBIO Total Coliform
Associated Lab Samples:	7053971001, 7053971002, 7053971003, 7053971004, 7053971005, 7053971006, 7053971007, 7053971008, 7053971009, 7053971010, 7053971011		

METHOD BLANK:	324308	Matrix:	Drinking Water
Associated Lab Samples:	7053971001, 7053971002, 7053971003, 7053971004, 7053971005, 7053971006, 7053971007, 7053971008, 7053971009, 7053971010, 7053971011		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
E.coli		Absent		06/07/18 13:35	
Total Coliforms		Absent		06/07/18 13:35	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: DIST BACT 6/6

Pace Project No.: 7053971

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N3 Accreditation is not offered by the relevant laboratory accrediting body for this parameter.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: DIST BACT 6/6

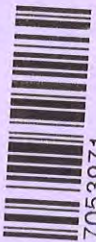
Pace Project No.: 7053971

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
7053971001	HB27		70447		
7053971002	HB2		70447		
7053971003	HB3		70447		
7053971004	HB4		70447		
7053971005	HB5		70447		
7053971006	HB6		70447		
7053971007	HB7		70447		
7053971008	HB8		70447		
7053971009	HB9		70447		
7053971010	HB10		70447		
7053971011	HB11		70447		
7053971001	HB27	SM22 9223B Colilert	70680	SM22 9223B Colilert	70701
7053971002	HB2	SM22 9223B Colilert	70680	SM22 9223B Colilert	70701
7053971003	HB3	SM22 9223B Colilert	70680	SM22 9223B Colilert	70701
7053971004	HB4	SM22 9223B Colilert	70680	SM22 9223B Colilert	70701
7053971005	HB5	SM22 9223B Colilert	70680	SM22 9223B Colilert	70701
7053971006	HB6	SM22 9223B Colilert	70680	SM22 9223B Colilert	70701
7053971007	HB7	SM22 9223B Colilert	70680	SM22 9223B Colilert	70701
7053971008	HB8	SM22 9223B Colilert	70680	SM22 9223B Colilert	70701
7053971009	HB9	SM22 9223B Colilert	70680	SM22 9223B Colilert	70701
7053971010	HB10	SM22 9223B Colilert	70680	SM22 9223B Colilert	70701
7053971011	HB11	SM22 9223B Colilert	70680	SM22 9223B Colilert	70701

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WO#: 7053971



11747
36

Sample Request Form PUBLIC WATER SUPPLIER

WELL OFF LINE

Date: 6-6-18

Collected By: K. TUTHILL

6/6/18

Accepted By: [Signature]

1340

Cooler Temp: 2.4 °C

YES NO VOC'S PRESERVED WITH HCl

WELL RUN TO SYSTEM

Client Info:

Name or Code: HAMPTON BAYS WATER DISTRICT
Address: P.O. BOX 1013
HAMPTON BAYS, NEW YORK 11946
(631) 728-0179

Phone #: _____
Attn: _____
Proj. # or (Name): _____
Bill To: _____
Copies To: _____

Sample Types	Purpose	Origin	Treatment Types
PW - Potable Water	RO - Routine	D - Distribution	AST - Air Stripper
GW - Groundwater	RE - Resample	RW - Raw Well	GAC - Granular Activated Charcoal
SW - Surface Water	S - Special	TW - Treated Well	N - Nitrate Removal Plant
WW - Waste Water		T - Tank	FE - Iron Removal Plant
AQ - Aqueous		MW - Monitoring Well	O - Other
S - Soil		I - Influent	
		E - Effluent	

Sample Info:

Date/Time Collected:	Sample Type	Location	Origin	Treatment Type	Purpose	Field Readings Cl ₂ pH/Temp	Analysis	Lab No.
8:15 AM 6-6-18	PW	#27	D	-	RO	7.33	Bact w/ccl	001
7:45 AM 6-6-18	PW	#2	D	-	RO	7.28	Bact w/ccl	002
8:00 AM 6-6-18	PW	#3	D	-	RO	7.35	Bact w/ccl	003
8:30 AM 6-6-18	PW	#4	D	-	RO	7.32	Bact w/ccl	004
8:46 AM 6-6-18	PW	#5	D	-	RO	7.31	Bact w/ccl	005
9:01 AM 6-6-18	PW	#6	D	-	RO	7.27	Bact w/ccl	006
9:16 AM 6-6-18	PW	#7	D	-	RO	7.43	Bact w/ccl	007
9:31 AM 6-6-18	PW	#8	D	-	RO	7.27	Bact w/ccl	006
7:30 AM 6-6-18	PW	#9	D	-	RO	7.16	Bact w/ccl	009
9:50 AM 6-6-18	PW	#10	D	-	RO	7.26	Bact w/ccl	010
10:05 AM 6-6-18	PW	#11	D	-	RO	7.54	Bact w/ccl	011

Remarks:

8:30
6-6-18 GW well 5-1 RW - S
6:00 / 12:00 POC'S WB



Sample Condition Upon R

WO#: 7053971

Client Name: HBW

PM: SWM Due Date: 07/06/18 CLIENT: HBW

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: _____

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Temperature Blank Present: Yes No

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Type of Ice: Wet Blue None

Thermometer Used: TH091 Correction Factor: 0.0

Samples on ice, cooling process has begun

Cooler Temperature (°C): 2.4 Cooler Temperature Corrected (°C): 2.4

Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

USDA Regulated Soil (N/A, water sample)

Date and Initials of person examining contents: [Signature] 6/6/18

Did samples originate in a quarantine zone within the United States. AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? YES NO

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

Table with 16 rows and 3 columns. Columns: Question, Yes/No/N/A checkboxes, and Comments. Rows include Chain of Custody Present, Short Hold Time Analysis, Containers Intact, etc.

Client Notification/ Resolution: Field Data Required? Y / N
Person Contacted: _____ Date/Time: _____
Comments/ Resolution: _____