

July 20, 2018

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

RE: Project: DIST BACT 7/18
Pace Project No.: 7058725

Dear Rob King:

Enclosed are the analytical results for sample(s) received by the laboratory on July 18, 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 7/18

Pace Project No.: 7058725

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 7/18

Pace Project No.: 7058725

Lab ID	Sample ID	Matrix	Date Collected	Date Received
7058725001	HB12	Drinking Water	07/18/18 07:30	07/18/18 16:00
7058725002	HB13	Drinking Water	07/18/18 07:45	07/18/18 16:00
7058725003	HB28	Drinking Water	07/18/18 08:00	07/18/18 16:00
7058725004	HB29	Drinking Water	07/18/18 08:20	07/18/18 16:00
7058725005	HB16	Drinking Water	07/18/18 08:40	07/18/18 16:00
7058725006	HB31	Drinking Water	07/18/18 09:02	07/18/18 16:00
7058725007	HB25	Drinking Water	07/18/18 09:55	07/18/18 16:00
7058725008	HB32	Drinking Water	07/18/18 10:15	07/18/18 16:00
7058725009	HB21	Drinking Water	07/18/18 09:35	07/18/18 16:00
7058725010	HB5A	Drinking Water	07/18/18 09:17	07/18/18 16:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: DIST BACT 7/18

Pace Project No.: 7058725

Lab ID	Sample ID	Method	Analysts	Analytes Reported
7058725001	HB12	SM22 9223B Colilert	NML	2
7058725002	HB13	SM22 9223B Colilert	NML	2
7058725003	HB28	SM22 9223B Colilert	NML	2
7058725004	HB29	SM22 9223B Colilert	NML	2
7058725005	HB16	SM22 9223B Colilert	NML	2
7058725006	HB31	SM22 9223B Colilert	NML	2
7058725007	HB25	SM22 9223B Colilert	NML	2
7058725008	HB32	SM22 9223B Colilert	NML	2
7058725009	HB21	SM22 9223B Colilert	NML	2
7058725010	HB5A	SM22 9223B Colilert	NML	2

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ANALYTICAL RESULTS

Project: DIST BACT 7/18

Pace Project No.: 7058725

Sample: HB12		Lab ID: 7058725001		Collected: 07/18/18 07:30	Received: 07/18/18 16:00	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	0.45	mg/L			1		07/18/18 07:30		N3	
MBIO Total Coliform DW		Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert								
Total Coliforms	Absent				1	07/18/18 18:30	07/19/18 12:30			
E.coli	Absent				1	07/18/18 18:30	07/19/18 12:30			

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ANALYTICAL RESULTS

Project: DIST BACT 7/18

Pace Project No.: 7058725

Sample: HB13		Lab ID: 7058725002		Collected: 07/18/18 07:45	Received: 07/18/18 16:00	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	0.71	mg/L			1		07/18/18 07:45		N3
MBIO Total Coliform DW		Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert							
Total Coliforms	Absent				1	07/18/18 18:30	07/19/18 12:30		
E.coli	Absent				1	07/18/18 18:30	07/19/18 12:30		

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ANALYTICAL RESULTS

Project: DIST BACT 7/18

Pace Project No.: 7058725

Sample: HB28		Lab ID: 7058725003		Collected: 07/18/18 08:00	Received: 07/18/18 16:00	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	0.70	mg/L			1		07/18/18 09:00		N3	
MBIO Total Coliform DW		Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert								
Total Coliforms	Absent				1	07/18/18 18:30	07/19/18 12:30			
E.coli	Absent				1	07/18/18 18:30	07/19/18 12:30			

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ANALYTICAL RESULTS

Project: DIST BACT 7/18

Pace Project No.: 7058725

Sample: HB29 **Lab ID: 7058725004** Collected: 07/18/18 08:20 Received: 07/18/18 16:00 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	0.64	mg/L			1		07/18/18 08:20		N3
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Total Coliforms	Absent				1	07/18/18 18:30	07/19/18 12:30		
E.coli	Absent				1	07/18/18 18:30	07/19/18 12:30		

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ANALYTICAL RESULTS

Project: DIST BACT 7/18

Pace Project No.: 7058725

Sample: HB16		Lab ID: 7058725005		Collected: 07/18/18 08:40	Received: 07/18/18 16:00	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	0.89	mg/L			1		07/18/18 08:40		N3
MBIO Total Coliform DW		Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert							
Total Coliforms	Absent				1	07/18/18 18:30	07/19/18 12:30		
E.coli	Absent				1	07/18/18 18:30	07/19/18 12:30		

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ANALYTICAL RESULTS

Project: DIST BACT 7/18

Pace Project No.: 7058725

Sample: HB31		Lab ID: 7058725006		Collected: 07/18/18 09:02	Received: 07/18/18 16:00	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	0.59	mg/L			1		07/18/18 09:02		N3	
MBIO Total Coliform DW		Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert								
Total Coliforms	Absent				1	07/18/18 18:30	07/19/18 12:30			
E.coli	Absent				1	07/18/18 18:30	07/19/18 12:30			

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ANALYTICAL RESULTS

Project: DIST BACT 7/18

Pace Project No.: 7058725

Sample: HB25		Lab ID: 7058725007		Collected: 07/18/18 09:55	Received: 07/18/18 16:00	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	0.66	mg/L			1		07/18/18 09:55		N3
MBIO Total Coliform DW		Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert							
Total Coliforms	Absent				1	07/18/18 18:30	07/19/18 12:30		
E.coli	Absent				1	07/18/18 18:30	07/19/18 12:30		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: DIST BACT 7/18

Pace Project No.: 7058725

Sample: HB32		Lab ID: 7058725008		Collected: 07/18/18 10:15	Received: 07/18/18 16:00	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	1.05	mg/L			1		07/18/18 10:15		N3
MBIO Total Coliform DW		Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert							
Total Coliforms	Absent				1	07/18/18 18:30	07/19/18 12:30		
E.coli	Absent				1	07/18/18 18:30	07/19/18 12:30		

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ANALYTICAL RESULTS

Project: DIST BACT 7/18

Pace Project No.: 7058725

Sample: HB21		Lab ID: 7058725009		Collected: 07/18/18 09:35	Received: 07/18/18 16:00	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	0.96	mg/L			1		07/18/18 09:35		N3
MBIO Total Coliform DW		Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert							
Total Coliforms	Absent				1	07/18/18 18:30	07/19/18 12:30		
E.coli	Absent				1	07/18/18 18:30	07/19/18 12:30		

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ANALYTICAL RESULTS

Project: DIST BACT 7/18

Pace Project No.: 7058725

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: HB5A									
Lab ID: 7058725010									
Collected: 07/18/18 09:17 Received: 07/18/18 16:00 Matrix: Drinking Water									
Field Chlorine and pH									
Analytical Method:									
Field Residual Chlorine	0.79	mg/L			1		07/18/18 09:17		N3
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Total Coliforms	Absent				1	07/18/18 18:30	07/19/18 12:30		
E.coli	Absent				1	07/18/18 18:30	07/19/18 12:30		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: DIST BACT 7/18

Pace Project No.: 7058725

QC Batch: 75740

Analysis Method: SM22 9223B Colilert

QC Batch Method: SM22 9223B Colilert

Analysis Description: TotColDW MBIO Total Coliform

Associated Lab Samples: 7058725001, 7058725002, 7058725003, 7058725004, 7058725005, 7058725006, 7058725007, 7058725008, 7058725009, 7058725010

METHOD BLANK: 348320

Matrix: Drinking Water

Associated Lab Samples: 7058725001, 7058725002, 7058725003, 7058725004, 7058725005, 7058725006, 7058725007, 7058725008, 7058725009, 7058725010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
E.coli		Absent		07/19/18 12:30	
Total Coliforms		Absent		07/19/18 12:30	

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 7/18

Pace Project No.: 7058725

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 - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

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 7/18

Pace Project No.: 7058725

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
7058725001	HB12		75891		
7058725002	HB13		75891		
7058725003	HB28		75891		
7058725004	HB29		75891		
7058725005	HB16		75891		
7058725006	HB31		75891		
7058725007	HB25		75891		
7058725008	HB32		75891		
7058725009	HB21		75891		
7058725010	HB5A		75891		
7058725001	HB12	SM22 9223B Colilert	75740	SM22 9223B Colilert	75779
7058725002	HB13	SM22 9223B Colilert	75740	SM22 9223B Colilert	75779
7058725003	HB28	SM22 9223B Colilert	75740	SM22 9223B Colilert	75779
7058725004	HB29	SM22 9223B Colilert	75740	SM22 9223B Colilert	75779
7058725005	HB16	SM22 9223B Colilert	75740	SM22 9223B Colilert	75779
7058725006	HB31	SM22 9223B Colilert	75740	SM22 9223B Colilert	75779
7058725007	HB25	SM22 9223B Colilert	75740	SM22 9223B Colilert	75779
7058725008	HB32	SM22 9223B Colilert	75740	SM22 9223B Colilert	75779
7058725009	HB21	SM22 9223B Colilert	75740	SM22 9223B Colilert	75779
7058725010	HB5A	SM22 9223B Colilert	75740	SM22 9223B Colilert	75779

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WO#: 7058725



7058725

747

Sample Request Form PUBLIC WATER SUPPLIER

Date: 7-18-18 WELL OFF LINE

Collected By: K. Tuttle WELL RUN TO SYSTEM

Accepted By: [Signature]

Cooler Temp: 3.8 °C

YES NO VOC'S PRESERVED WITH HCl

Back 1500

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	

Client Info:

Name or Code: HAMPTON BAYS WATER DISTRICT

Address: PO BOX 1013

HAMPTON BAYS, NEW YORK 11946

(631) 728-0179

Phone #: _____

Attn: _____

Proj. # or (Name): _____

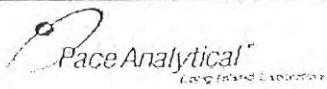
Bill To: _____

Copies To: _____

Sample Info:

Date/Time Collected:	Sample Type	Location	Origin	Treatment Type	Purpose	Field Readings Cl ₂	pH/Temp	Analysis	Lab No.
7:30 AM 7-18-18	PW	#12	D	-	RO	.45	7.22	BACT w/Cl ₂	001
7:45 AM 7-18-18	PW	#13	D	-	RO	.71	7.15	BACT w/Cl ₂	002
8:00 AM 7-18-18	PW	#28	D	-	RO	.70	7.16	BACT w/Cl ₂	003
8:20 AM 7-18-18	PW	#29	D	-	RO	.64	7.23	BACT w/Cl ₂	004
8:40 AM 7-18-18	PW	#16	D	-	RO	.89	7.10	BACT w/Cl ₂	005
9:02 AM 7-18-18	PW	#31	D	-	RO	.59	7.14	BACT w/Cl ₂	006
9:55 AM 7-18-18	PW	#25	D	-	RO	.66	7.33	BACT w/Cl ₂	007
10:15 AM 7-18-18	PW	#30	D	-	RO	1.05	7.31	BACT w/Cl ₂	008
9:35 AM 7-18-18	PW	#21	D	-	RO	.96	7.35	BACT w/Cl ₂	009
9:17 AM 7-18-18	PW	#5A	D	-	RO	.79	7.13	BACT w/Cl ₂	010

Remarks:



Sample Condition Upon Receipt

WO#: 7058725
PM: SWM Due Date: 08/17/18
CLIENT: HBW

Client Name:

Hampton Bayws WD

Courier: [] Fed Ex [] UPS [] USPS [] Client [] Commercial [] Pace [] Other

Tracking #:

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

Packing Material: [] Bubble Wrap [] Bubble Bags [] Ziploc [x] None [] Other

Thermometer Used: TH091

Correction Factor: 0.0

Cooler Temperature (°C): 3.0

Cooler Temperature Corrected (°C): 3.0

Temperature Blank Present: [] Yes [x] No

Type of Ice: [x] Wet Blue None

[] Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

USDA Regulated Soil [x] N/A, water sample

Date and Initials of person examining contents Ed 8/16/18

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 [x] NO

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? [] Yes [x] 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 2 main columns: Item Description and COMMENTS. Includes checkboxes for Chain of Custody, Sample Labels, Containers, etc.

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

* PM (Project Manager) review is documented electronically in LIMS.