

October 19, 2018

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

RE: Project: BACT/POC 10/10
Pace Project No.: 7067456

Dear Rob King:
Enclosed are the analytical results for sample(s) received by the laboratory on October 10, 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: BACT/POC 10/10

Pace Project No.: 7067456

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: BACT/POC 10/10
Pace Project No.: 7067456

Lab ID	Sample ID	Matrix	Date Collected	Date Received
7067456001	S-108065	Drinking Water	10/10/18 09:05	10/10/18 16:30
7067456002	S-108066	Drinking Water	10/10/18 09:12	10/10/18 16:30

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: BACT/POC 10/10

Pace Project No.: 7067456

Lab ID	Sample ID	Method	Analysts	Analytes Reported
7067456001	S-108065	SM22 9223B Colilert	AL1	2
		EPA 524.2	KGG	62
7067456002	S-108066	SM22 9223B Colilert	AL1	2
		EPA 524.2	KGG	62

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BACT/POC 10/10

Pace Project No.: 7067456

Sample: S-108065 **Lab ID: 7067456001** Collected: 10/10/18 09:05 Received: 10/10/18 16:30 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Total Coliforms	Absent				1	10/10/18 18:30	10/11/18 12:30		
E.coli	Absent				1	10/10/18 18:30	10/11/18 12:30		
524.2 MSV									
Analytical Method: EPA 524.2									
Benzene	<0.50	ug/L	0.50		1		10/18/18 20:33	71-43-2	
Bromobenzene	<0.50	ug/L	0.50		1		10/18/18 20:33	108-86-1	
Bromochloromethane	<0.50	ug/L	0.50		1		10/18/18 20:33	74-97-5	
Bromodichloromethane	<0.50	ug/L	0.50		1		10/18/18 20:33	75-27-4	
Bromoform	<0.50	ug/L	0.50		1		10/18/18 20:33	75-25-2	
Bromomethane	<0.50	ug/L	0.50		1		10/18/18 20:33	74-83-9	
n-Butylbenzene	<0.50	ug/L	0.50		1		10/18/18 20:33	104-51-8	
sec-Butylbenzene	<0.50	ug/L	0.50		1		10/18/18 20:33	135-98-8	
tert-Butylbenzene	<0.50	ug/L	0.50		1		10/18/18 20:33	98-06-6	
Carbon tetrachloride	<0.50	ug/L	0.50		1		10/18/18 20:33	56-23-5	
Chlorobenzene	<0.50	ug/L	0.50		1		10/18/18 20:33	108-90-7	
Chlorodifluoromethane	<0.50	ug/L	0.50		1		10/18/18 20:33	75-45-6	N3
Chloroethane	<0.50	ug/L	0.50		1		10/18/18 20:33	75-00-3	
Chloroform	5.7	ug/L	0.50		1		10/18/18 20:33	67-66-3	
Chloromethane	<0.50	ug/L	0.50		1		10/18/18 20:33	74-87-3	
2-Chlorotoluene	<0.50	ug/L	0.50		1		10/18/18 20:33	95-49-8	
4-Chlorotoluene	<0.50	ug/L	0.50		1		10/18/18 20:33	106-43-4	
Dibromochloromethane	<0.50	ug/L	0.50		1		10/18/18 20:33	124-48-1	
Dibromomethane	<0.50	ug/L	0.50		1		10/18/18 20:33	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	0.50		1		10/18/18 20:33	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	0.50		1		10/18/18 20:33	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	0.50		1		10/18/18 20:33	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	0.50		1		10/18/18 20:33	75-71-8	L2
1,1-Dichloroethane	<0.50	ug/L	0.50		1		10/18/18 20:33	75-34-3	
1,2-Dichloroethane	<0.50	ug/L	0.50		1		10/18/18 20:33	107-06-2	
1,1-Dichloroethene	<0.50	ug/L	0.50		1		10/18/18 20:33	75-35-4	
cis-1,2-Dichloroethene	<0.50	ug/L	0.50		1		10/18/18 20:33	156-59-2	
trans-1,2-Dichloroethene	<0.50	ug/L	0.50		1		10/18/18 20:33	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	0.50		1		10/18/18 20:33	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	0.50		1		10/18/18 20:33	142-28-9	
2,2-Dichloropropane	<0.50	ug/L	0.50		1		10/18/18 20:33	594-20-7	
1,1-Dichloropropene	<0.50	ug/L	0.50		1		10/18/18 20:33	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	0.50		1		10/18/18 20:33	10061-01-5	
trans-1,3-Dichloropropene	<0.50	ug/L	0.50		1		10/18/18 20:33	10061-02-6	
Ethylbenzene	<0.50	ug/L	0.50		1		10/18/18 20:33	100-41-4	
Hexachloro-1,3-butadiene	<0.50	ug/L	0.50		1		10/18/18 20:33	87-68-3	
Isopropylbenzene (Cumene)	<0.50	ug/L	0.50		1		10/18/18 20:33	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	0.50		1		10/18/18 20:33	99-87-6	
Methylene Chloride	<0.50	ug/L	0.50		1		10/18/18 20:33	75-09-2	
Methyl-tert-butyl ether	<0.50	ug/L	0.50		1		10/18/18 20:33	1634-04-4	
n-Propylbenzene	<0.50	ug/L	0.50		1		10/18/18 20:33	103-65-1	
Styrene	<0.50	ug/L	0.50		1		10/18/18 20:33	100-42-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BACT/POC 10/10

Pace Project No.: 7067456

Sample: S-108065 **Lab ID: 7067456001** Collected: 10/10/18 09:05 Received: 10/10/18 16:30 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV Analytical Method: EPA 524.2									
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50		1		10/18/18 20:33	630-20-6	
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50		1		10/18/18 20:33	79-34-5	
Tetrachloroethene	<0.50	ug/L	0.50		1		10/18/18 20:33	127-18-4	
Toluene	<0.50	ug/L	0.50		1		10/18/18 20:33	108-88-3	
Total Trihalomethanes (Calc.)	5.7	ug/L	0.50		1		10/18/18 20:33		
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50		1		10/18/18 20:33	87-61-6	
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50		1		10/18/18 20:33	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	0.50		1		10/18/18 20:33	71-55-6	
1,1,2-Trichloroethane	<0.50	ug/L	0.50		1		10/18/18 20:33	79-00-5	
Trichloroethene	<0.50	ug/L	0.50		1		10/18/18 20:33	79-01-6	
Trichlorofluoromethane	<0.50	ug/L	0.50		1		10/18/18 20:33	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	0.50		1		10/18/18 20:33	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.50	ug/L	0.50		1		10/18/18 20:33	76-13-1	N3
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50		1		10/18/18 20:33	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50		1		10/18/18 20:33	108-67-8	
Vinyl chloride	<0.50	ug/L	0.50		1		10/18/18 20:33	75-01-4	
m&p-Xylene	<0.50	ug/L	0.50		1		10/18/18 20:33	179601-23-1	
o-Xylene	<0.50	ug/L	0.50		1		10/18/18 20:33	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	91	%	70-130		1		10/18/18 20:33	2199-69-1	
4-Bromofluorobenzene (S)	96	%	70-130		1		10/18/18 20:33	460-00-4	

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ANALYTICAL RESULTS

Project: BACT/POC 10/10

Pace Project No.: 7067456

Sample: S-108066 **Lab ID: 7067456002** Collected: 10/10/18 09:12 Received: 10/10/18 16:30 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Total Coliforms	Absent				1	10/10/18 18:30	10/11/18 12:30		
E.coli	Absent				1	10/10/18 18:30	10/11/18 12:30		
524.2 MSV									
Analytical Method: EPA 524.2									
Benzene	<0.50	ug/L	0.50		1		10/18/18 21:01	71-43-2	
Bromobenzene	<0.50	ug/L	0.50		1		10/18/18 21:01	108-86-1	
Bromochloromethane	<0.50	ug/L	0.50		1		10/18/18 21:01	74-97-5	
Bromodichloromethane	1.9	ug/L	0.50		1		10/18/18 21:01	75-27-4	
Bromoform	<0.50	ug/L	0.50		1		10/18/18 21:01	75-25-2	
Bromomethane	<0.50	ug/L	0.50		1		10/18/18 21:01	74-83-9	
n-Butylbenzene	<0.50	ug/L	0.50		1		10/18/18 21:01	104-51-8	
sec-Butylbenzene	<0.50	ug/L	0.50		1		10/18/18 21:01	135-98-8	
tert-Butylbenzene	<0.50	ug/L	0.50		1		10/18/18 21:01	98-06-6	
Carbon tetrachloride	<0.50	ug/L	0.50		1		10/18/18 21:01	56-23-5	
Chlorobenzene	<0.50	ug/L	0.50		1		10/18/18 21:01	108-90-7	
Chlorodifluoromethane	<0.50	ug/L	0.50		1		10/18/18 21:01	75-45-6	N3
Chloroethane	<0.50	ug/L	0.50		1		10/18/18 21:01	75-00-3	
Chloroform	108	ug/L	2.5		5		10/19/18 08:51	67-66-3	
Chloromethane	0.60	ug/L	0.50		1		10/18/18 21:01	74-87-3	
2-Chlorotoluene	<0.50	ug/L	0.50		1		10/18/18 21:01	95-49-8	
4-Chlorotoluene	<0.50	ug/L	0.50		1		10/18/18 21:01	106-43-4	
Dibromochloromethane	<0.50	ug/L	0.50		1		10/18/18 21:01	124-48-1	
Dibromomethane	<0.50	ug/L	0.50		1		10/18/18 21:01	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	0.50		1		10/18/18 21:01	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	0.50		1		10/18/18 21:01	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	0.50		1		10/18/18 21:01	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	0.50		1		10/18/18 21:01	75-71-8	L2
1,1-Dichloroethane	<0.50	ug/L	0.50		1		10/18/18 21:01	75-34-3	
1,2-Dichloroethane	<0.50	ug/L	0.50		1		10/18/18 21:01	107-06-2	
1,1-Dichloroethene	<0.50	ug/L	0.50		1		10/18/18 21:01	75-35-4	
cis-1,2-Dichloroethene	<0.50	ug/L	0.50		1		10/18/18 21:01	156-59-2	
trans-1,2-Dichloroethene	<0.50	ug/L	0.50		1		10/18/18 21:01	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	0.50		1		10/18/18 21:01	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	0.50		1		10/18/18 21:01	142-28-9	
2,2-Dichloropropane	<0.50	ug/L	0.50		1		10/18/18 21:01	594-20-7	
1,1-Dichloropropene	<0.50	ug/L	0.50		1		10/18/18 21:01	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	0.50		1		10/18/18 21:01	10061-01-5	
trans-1,3-Dichloropropene	<0.50	ug/L	0.50		1		10/18/18 21:01	10061-02-6	
Ethylbenzene	<0.50	ug/L	0.50		1		10/18/18 21:01	100-41-4	
Hexachloro-1,3-butadiene	<0.50	ug/L	0.50		1		10/18/18 21:01	87-68-3	
Isopropylbenzene (Cumene)	<0.50	ug/L	0.50		1		10/18/18 21:01	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	0.50		1		10/18/18 21:01	99-87-6	
Methylene Chloride	<0.50	ug/L	0.50		1		10/18/18 21:01	75-09-2	
Methyl-tert-butyl ether	<0.50	ug/L	0.50		1		10/18/18 21:01	1634-04-4	
n-Propylbenzene	<0.50	ug/L	0.50		1		10/18/18 21:01	103-65-1	
Styrene	<0.50	ug/L	0.50		1		10/18/18 21:01	100-42-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BACT/POC 10/10

Pace Project No.: 7067456

Sample: S-108066 **Lab ID: 7067456002** Collected: 10/10/18 09:12 Received: 10/10/18 16:30 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV Analytical Method: EPA 524.2									
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50		1		10/18/18 21:01	630-20-6	
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50		1		10/18/18 21:01	79-34-5	
Tetrachloroethene	<0.50	ug/L	0.50		1		10/18/18 21:01	127-18-4	
Toluene	<0.50	ug/L	0.50		1		10/18/18 21:01	108-88-3	
Total Trihalomethanes (Calc.)	110	ug/L	2.5		5		10/19/18 08:51		
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50		1		10/18/18 21:01	87-61-6	
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50		1		10/18/18 21:01	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	0.50		1		10/18/18 21:01	71-55-6	
1,1,2-Trichloroethane	<0.50	ug/L	0.50		1		10/18/18 21:01	79-00-5	
Trichloroethene	<0.50	ug/L	0.50		1		10/18/18 21:01	79-01-6	
Trichlorofluoromethane	<0.50	ug/L	0.50		1		10/18/18 21:01	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	0.50		1		10/18/18 21:01	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.50	ug/L	0.50		1		10/18/18 21:01	76-13-1	N3
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50		1		10/18/18 21:01	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50		1		10/18/18 21:01	108-67-8	
Vinyl chloride	<0.50	ug/L	0.50		1		10/18/18 21:01	75-01-4	
m&p-Xylene	<0.50	ug/L	0.50		1		10/18/18 21:01	179601-23-1	
o-Xylene	<0.50	ug/L	0.50		1		10/18/18 21:01	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	90	%	70-130		1		10/18/18 21:01	2199-69-1	
4-Bromofluorobenzene (S)	99	%	70-130		1		10/18/18 21:01	460-00-4	

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QUALITY CONTROL DATA

Project: BACT/POC 10/10

Pace Project No.: 7067456

QC Batch: 86614

Analysis Method: SM22 9223B Colilert

QC Batch Method: SM22 9223B Colilert

Analysis Description: TotColDW MBIO Total Coliform

Associated Lab Samples: 7067456001, 7067456002

METHOD BLANK: 398619

Matrix: Drinking Water

Associated Lab Samples: 7067456001, 7067456002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
E.coli		Absent		10/11/18 12:30	
Total Coliforms		Absent		10/11/18 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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QUALITY CONTROL DATA

Project: BACT/POC 10/10

Pace Project No.: 7067456

QC Batch: 87699 Analysis Method: EPA 524.2
QC Batch Method: EPA 524.2 Analysis Description: 524.2 MSV
Associated Lab Samples: 7067456001, 7067456002

METHOD BLANK: 403846 Matrix: Water

Associated Lab Samples: 7067456001, 7067456002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.50	0.50	10/18/18 16:48	
1,1,1-Trichloroethane	ug/L	<0.50	0.50	10/18/18 16:48	
1,1,2,2-Tetrachloroethane	ug/L	<0.50	0.50	10/18/18 16:48	
1,1,2-Trichloroethane	ug/L	<0.50	0.50	10/18/18 16:48	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.50	0.50	10/18/18 16:48	N3
1,1-Dichloroethane	ug/L	<0.50	0.50	10/18/18 16:48	
1,1-Dichloroethene	ug/L	<0.50	0.50	10/18/18 16:48	
1,1-Dichloropropene	ug/L	<0.50	0.50	10/18/18 16:48	
1,2,3-Trichlorobenzene	ug/L	<0.50	0.50	10/18/18 16:48	
1,2,3-Trichloropropane	ug/L	<0.50	0.50	10/18/18 16:48	
1,2,4-Trichlorobenzene	ug/L	<0.50	0.50	10/18/18 16:48	
1,2,4-Trimethylbenzene	ug/L	<0.50	0.50	10/18/18 16:48	
1,2-Dichlorobenzene	ug/L	<0.50	0.50	10/18/18 16:48	
1,2-Dichloroethane	ug/L	<0.50	0.50	10/18/18 16:48	
1,2-Dichloropropane	ug/L	<0.50	0.50	10/18/18 16:48	
1,3,5-Trimethylbenzene	ug/L	<0.50	0.50	10/18/18 16:48	
1,3-Dichlorobenzene	ug/L	<0.50	0.50	10/18/18 16:48	
1,3-Dichloropropane	ug/L	<0.50	0.50	10/18/18 16:48	
1,4-Dichlorobenzene	ug/L	<0.50	0.50	10/18/18 16:48	
2,2-Dichloropropane	ug/L	<0.50	0.50	10/18/18 16:48	
2-Chlorotoluene	ug/L	<0.50	0.50	10/18/18 16:48	
4-Chlorotoluene	ug/L	<0.50	0.50	10/18/18 16:48	
Benzene	ug/L	<0.50	0.50	10/18/18 16:48	
Bromobenzene	ug/L	<0.50	0.50	10/18/18 16:48	
Bromochloromethane	ug/L	<0.50	0.50	10/18/18 16:48	
Bromodichloromethane	ug/L	<0.50	0.50	10/18/18 16:48	
Bromoform	ug/L	<0.50	0.50	10/18/18 16:48	
Bromomethane	ug/L	<0.50	0.50	10/18/18 16:48	
Carbon tetrachloride	ug/L	<0.50	0.50	10/18/18 16:48	
Chlorobenzene	ug/L	<0.50	0.50	10/18/18 16:48	
Chlorodifluoromethane	ug/L	<0.50	0.50	10/18/18 16:48	N3
Chloroethane	ug/L	<0.50	0.50	10/18/18 16:48	
Chloroform	ug/L	<0.50	0.50	10/18/18 16:48	
Chloromethane	ug/L	<0.50	0.50	10/18/18 16:48	
cis-1,2-Dichloroethene	ug/L	<0.50	0.50	10/18/18 16:48	
cis-1,3-Dichloropropene	ug/L	<0.50	0.50	10/18/18 16:48	
Dibromochloromethane	ug/L	<0.50	0.50	10/18/18 16:48	
Dibromomethane	ug/L	<0.50	0.50	10/18/18 16:48	
Dichlorodifluoromethane	ug/L	<0.50	0.50	10/18/18 16:48	
Ethylbenzene	ug/L	<0.50	0.50	10/18/18 16:48	
Hexachloro-1,3-butadiene	ug/L	<0.50	0.50	10/18/18 16:48	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BACT/POC 10/10

Pace Project No.: 7067456

METHOD BLANK: 403846

Matrix: Water

Associated Lab Samples: 7067456001, 7067456002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Isopropylbenzene (Cumene)	ug/L	<0.50	0.50	10/18/18 16:48	
m&p-Xylene	ug/L	<0.50	0.50	10/18/18 16:48	
Methyl-tert-butyl ether	ug/L	<0.50	0.50	10/18/18 16:48	
Methylene Chloride	ug/L	<0.50	0.50	10/18/18 16:48	
n-Butylbenzene	ug/L	<0.50	0.50	10/18/18 16:48	
n-Propylbenzene	ug/L	<0.50	0.50	10/18/18 16:48	
o-Xylene	ug/L	<0.50	0.50	10/18/18 16:48	
p-Isopropyltoluene	ug/L	<0.50	0.50	10/18/18 16:48	
sec-Butylbenzene	ug/L	<0.50	0.50	10/18/18 16:48	
Styrene	ug/L	<0.50	0.50	10/18/18 16:48	
tert-Butylbenzene	ug/L	<0.50	0.50	10/18/18 16:48	
Tetrachloroethene	ug/L	<0.50	0.50	10/18/18 16:48	
Toluene	ug/L	<0.50	0.50	10/18/18 16:48	
Total Trihalomethanes (Calc.)	ug/L	<0.50	0.50	10/18/18 16:48	
trans-1,2-Dichloroethene	ug/L	<0.50	0.50	10/18/18 16:48	
trans-1,3-Dichloropropene	ug/L	<0.50	0.50	10/18/18 16:48	
Trichloroethene	ug/L	<0.50	0.50	10/18/18 16:48	
Trichlorofluoromethane	ug/L	<0.50	0.50	10/18/18 16:48	
Vinyl chloride	ug/L	<0.50	0.50	10/18/18 16:48	
1,2-Dichlorobenzene-d4 (S)	%	91	70-130	10/18/18 16:48	
4-Bromofluorobenzene (S)	%	95	70-130	10/18/18 16:48	

LABORATORY CONTROL SAMPLE: 403847

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	10	10.7	107	70-130	
1,1,1-Trichloroethane	ug/L	10	10.3	103	70-130	
1,1,2,2-Tetrachloroethane	ug/L	10	11.1	111	70-130	
1,1,2-Trichloroethane	ug/L	10	11.0	110	70-130	
1,1,2-Trichlorotrifluoroethane	ug/L	10	9.3	93	70-130	N3
1,1-Dichloroethane	ug/L	10	11.4	114	70-130	
1,1-Dichloroethene	ug/L	10	8.5	85	70-130	
1,1-Dichloropropene	ug/L	10	10.7	107	70-130	
1,2,3-Trichlorobenzene	ug/L	10	9.3	93	70-130	
1,2,3-Trichloropropane	ug/L	10	10.7	107	70-130	
1,2,4-Trichlorobenzene	ug/L	10	9.0	90	70-130	
1,2,4-Trimethylbenzene	ug/L	10	9.9	99	70-130	
1,2-Dichlorobenzene	ug/L	10	9.6	96	70-130	
1,2-Dichloroethane	ug/L	10	11.2	112	70-130	
1,2-Dichloropropane	ug/L	10	11.9	119	70-130	
1,3,5-Trimethylbenzene	ug/L	10	9.8	98	70-130	
1,3-Dichlorobenzene	ug/L	10	9.9	99	70-130	
1,3-Dichloropropane	ug/L	10	11.2	112	70-130	
1,4-Dichlorobenzene	ug/L	10	9.6	96	70-130	

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QUALITY CONTROL DATA

Project: BACT/POC 10/10

Pace Project No.: 7067456

LABORATORY CONTROL SAMPLE: 403847

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,2-Dichloropropane	ug/L	10	10.6	106	70-130	
2-Chlorotoluene	ug/L	10	10.3	103	70-130	
4-Chlorotoluene	ug/L	10	10	100	70-130	
Benzene	ug/L	10	10.6	106	70-130	
Bromobenzene	ug/L	10	9.7	97	70-130	
Bromochloromethane	ug/L	10	9.9	99	70-130	
Bromodichloromethane	ug/L	10	10.2	102	70-130	
Bromoform	ug/L	10	7.9	79	70-130	
Bromomethane	ug/L	10	9.4	94	70-130	
Carbon tetrachloride	ug/L	10	9.8	98	70-130	
Chlorobenzene	ug/L	10	10.3	103	70-130	
Chlorodifluoromethane	ug/L	10	10.6	106	70-130	N3
Chloroethane	ug/L	10	9.0	90	70-130	
Chloroform	ug/L	10	10.6	106	70-130	
Chloromethane	ug/L	10	10.8	108	70-130	
cis-1,2-Dichloroethene	ug/L	10	9.8	98	70-130	
cis-1,3-Dichloropropene	ug/L	10	10.7	107	70-130	
Dibromochloromethane	ug/L	10	9.8	98	70-130	
Dibromomethane	ug/L	10	10.9	109	70-130	
Dichlorodifluoromethane	ug/L	10	6.4	64	70-130	L2
Ethylbenzene	ug/L	10	10.4	104	70-130	
Hexachloro-1,3-butadiene	ug/L	10	8.1	81	70-130	
Isopropylbenzene (Cumene)	ug/L	10	10.2	102	70-130	
m&p-Xylene	ug/L	20	20.7	104	70-130	
Methyl-tert-butyl ether	ug/L	10	11.1	111	70-130	
Methylene Chloride	ug/L	10	9.5	95	70-130	
n-Butylbenzene	ug/L	10	10	100	70-130	
n-Propylbenzene	ug/L	10	10.4	104	70-130	
o-Xylene	ug/L	10	10.2	102	70-130	
p-Isopropyltoluene	ug/L	10	9.8	98	70-130	
sec-Butylbenzene	ug/L	10	9.8	98	70-130	
Styrene	ug/L	10	10.2	102	70-130	
tert-Butylbenzene	ug/L	10	10	100	70-130	
Tetrachloroethene	ug/L	10	8.6	86	70-130	
Toluene	ug/L	10	10.2	102	70-130	
Total Trihalomethanes (Calc.)	ug/L		38.6			
trans-1,2-Dichloroethene	ug/L	10	9.2	92	70-130	
trans-1,3-Dichloropropene	ug/L	10	11.0	110	70-130	
Trichloroethene	ug/L	10	10	100	70-130	
Trichlorofluoromethane	ug/L	10	8.8	88	70-130	
Vinyl chloride	ug/L	10	10.2	102	70-130	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			106	70-130	

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QUALITY CONTROL DATA

Project: BACT/POC 10/10

Pace Project No.: 7067456

SAMPLE DUPLICATE: 404101

Parameter	Units	7067390001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.50	<0.50		20	
1,1,1-Trichloroethane	ug/L	<0.50	<0.50		20	
1,1,2,2-Tetrachloroethane	ug/L	<0.50	<0.50		20	
1,1,2-Trichloroethane	ug/L	<0.50	<0.50		20	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.50	<0.50		20	N3
1,1-Dichloroethane	ug/L	<0.50	<0.50		20	
1,1-Dichloroethene	ug/L	<0.50	<0.50		20	
1,1-Dichloropropene	ug/L	<0.50	<0.50		20	
1,2,3-Trichlorobenzene	ug/L	<0.50	<0.50		20	
1,2,3-Trichloropropane	ug/L	<0.50	<0.50		20	
1,2,4-Trichlorobenzene	ug/L	<0.50	<0.50		20	
1,2,4-Trimethylbenzene	ug/L	<0.50	<0.50		20	
1,2-Dichlorobenzene	ug/L	<0.50	<0.50		20	
1,2-Dichloroethane	ug/L	<0.50	<0.50		20	
1,2-Dichloropropane	ug/L	<0.50	<0.50		20	
1,3,5-Trimethylbenzene	ug/L	<0.50	<0.50		20	
1,3-Dichlorobenzene	ug/L	<0.50	<0.50		20	
1,3-Dichloropropane	ug/L	<0.50	<0.50		20	
1,4-Dichlorobenzene	ug/L	<0.50	<0.50		20	
2,2-Dichloropropane	ug/L	<0.50	<0.50		20	
2-Chlorotoluene	ug/L	<0.50	<0.50		20	
4-Chlorotoluene	ug/L	<0.50	<0.50		20	
Benzene	ug/L	<0.50	<0.50		20	
Bromobenzene	ug/L	<0.50	<0.50		20	
Bromochloromethane	ug/L	<0.50	<0.50		20	
Bromodichloromethane	ug/L	<0.50	<0.50		20	
Bromoform	ug/L	<0.50	<0.50		20	
Bromomethane	ug/L	<0.50	<0.50		20	
Carbon tetrachloride	ug/L	<0.50	<0.50		20	
Chlorobenzene	ug/L	<0.50	<0.50		20	
Chlorodifluoromethane	ug/L	<0.50	<0.50		20	N3
Chloroethane	ug/L	<0.50	<0.50		20	
Chloroform	ug/L	<0.50	<0.50		20	
Chloromethane	ug/L	<0.50	<0.50		20	
cis-1,2-Dichloroethene	ug/L	<0.50	<0.50		20	
cis-1,3-Dichloropropene	ug/L	<0.50	<0.50		20	
Dibromochloromethane	ug/L	<0.50	<0.50		20	
Dibromomethane	ug/L	<0.50	<0.50		20	
Dichlorodifluoromethane	ug/L	<0.50	<0.50		20	
Ethylbenzene	ug/L	<0.50	<0.50		20	
Hexachloro-1,3-butadiene	ug/L	<0.50	<0.50		20	
Isopropylbenzene (Cumene)	ug/L	<0.50	<0.50		20	
m&p-Xylene	ug/L	<0.50	<0.50		20	
Methyl-tert-butyl ether	ug/L	<0.50	<0.50		20	
Methylene Chloride	ug/L	<0.50	<0.50		20	
n-Butylbenzene	ug/L	<0.50	<0.50		20	
n-Propylbenzene	ug/L	<0.50	<0.50		20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BACT/POC 10/10

Pace Project No.: 7067456

SAMPLE DUPLICATE: 404101

Parameter	Units	7067390001 Result	Dup Result	RPD	Max RPD	Qualifiers
o-Xylene	ug/L	<0.50	<0.50		20	
p-Isopropyltoluene	ug/L	<0.50	<0.50		20	
sec-Butylbenzene	ug/L	<0.50	<0.50		20	
Styrene	ug/L	<0.50	<0.50		20	
tert-Butylbenzene	ug/L	<0.50	<0.50		20	
Tetrachloroethene	ug/L	<0.50	<0.50		20	
Toluene	ug/L	<0.50	<0.50		20	
Total Trihalomethanes (Calc.)	ug/L	<0.50	<0.50		20	
trans-1,2-Dichloroethene	ug/L	<0.50	<0.50		20	
trans-1,3-Dichloropropene	ug/L	<0.50	<0.50		20	
Trichloroethene	ug/L	<0.50	<0.50		20	
Trichlorofluoromethane	ug/L	<0.50	<0.50		20	
Vinyl chloride	ug/L	<0.50	<0.50		20	
1,2-Dichlorobenzene-d4 (S)	%	98	93	6	20	
4-Bromofluorobenzene (S)	%	105	97	8	20	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: BACT/POC 10/10

Pace Project No.: 7067456

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.

SAMPLE QUALIFIERS

Sample: 7067456001

[1] RUN TO WASTE

Sample: 7067456002

[1] RUN TO WASTE

ANALYTE QUALIFIERS

L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.

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

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BACT/POC 10/10

Pace Project No.: 7067456

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
7067456001	S-108065	SM22 9223B Colilert	86614	SM22 9223B Colilert	86688
7067456002	S-108066	SM22 9223B Colilert	86614	SM22 9223B Colilert	86688
7067456001	S-108065	EPA 524.2	87699		
7067456002	S-108066	EPA 524.2	87699		

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WO#: 7067456



7067456

747

Sample Request Form PUBLIC WATER SUPPLIER

Date: 10-10-18

Collected By: W Booth

Accepted By: [Signature]

Cooler Temp: 3.2 °C

C/S WELL OFF LINE

10/10/18 WELL RUN TO SYSTEM

1300

YES NO VOC'S PRESERVED WITH HCl

Back At 1630

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.
9:05 10-10-18	GW	WELL 4-1	RW	-	RO		BACT + POC	001
9:18 10-10-18	GW	WELL 4-2	RW	-	RO		BACT + POC	002
10:15 10-10-18	PW	WEEKS 6 HAMPTON BAYS P.R.	D	-	S		IRON, MANG.	
10:35 10-10-18	PW	CURRIER 6 STONEY WELL CT.	D	-	S		IRON, MANG.	
10:35 10-10-18	PW	CURRIER 6 STONEY WELL CT	D	-	S		PFC'S	

Page 17 of 18

Remarks:



Sample Condition Upon Receipt

Client Name: HBW

Pro. _____

WO#: 7067456
 PM: SWM Due Date: 11/09/18
 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): 3.2 Cooler Temperature Corrected (°C): 3.2

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: CS 10/10/18

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.

			COMMENTS:
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	5.
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	7.
Sufficient Volume: (Triple volume provided for MS/MSD)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Containers Intact:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	12.
-Includes date/time/ID/Analysis Matrix SL <u>WT</u> OIL			
All containers needing preservation have been checked	<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
pH paper Lot #			Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH > 9 Sulfide, NAOH > 12 Cyanide)	<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Exceptions: <u>VOA</u> , Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis			Initial when completed: Lot # of added preservative: Date/Time preservative added:
Samples checked for dechlorination:	<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
KI starch test strips Lot #			Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #			
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Present:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if applicable): _____			

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____