

March 21, 2018

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

RE: Project: POC 3/16  
Pace Project No.: 7045572

Dear Rob King:

Enclosed are the analytical results for sample(s) received by the laboratory on March 16, 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: POC 3/16

Pace Project No.: 7045572

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### 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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## REPORT OF LABORATORY ANALYSIS

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### SAMPLE SUMMARY

Project: POC 3/16

Pace Project No.: 7045572

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Lab ID	Sample ID	Matrix	Date Collected	Date Received
7045572001	S-127163	Drinking Water	03/16/18 09:00	03/16/18 15:30

### REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: POC 3/16

Pace Project No.: 7045572

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<b>Lab ID</b>	<b>Sample ID</b>	<b>Method</b>	<b>Analysts</b>	<b>Analytes Reported</b>
7045572001	S-127163	EPA 524.2	KGG	62

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: POC 3/16  
Pace Project No.: 7045572

**Sample: S-127163**      **Lab ID: 7045572001**      Collected: 03/16/18 09:00      Received: 03/16/18 15:30      Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>524.2 MSV</b> Analytical Method: EPA 524.2									
Benzene	<0.50	ug/L	0.50		1		03/20/18 09:33	71-43-2	
Bromobenzene	<0.50	ug/L	0.50		1		03/20/18 09:33	108-86-1	
Bromochloromethane	<0.50	ug/L	0.50		1		03/20/18 09:33	74-97-5	
Bromodichloromethane	<0.50	ug/L	0.50		1		03/20/18 09:33	75-27-4	
Bromoform	<0.50	ug/L	0.50		1		03/20/18 09:33	75-25-2	
Bromomethane	<0.50	ug/L	0.50		1		03/20/18 09:33	74-83-9	
n-Butylbenzene	<0.50	ug/L	0.50		1		03/20/18 09:33	104-51-8	
sec-Butylbenzene	<0.50	ug/L	0.50		1		03/20/18 09:33	135-98-8	
tert-Butylbenzene	<0.50	ug/L	0.50		1		03/20/18 09:33	98-06-6	
Carbon tetrachloride	<0.50	ug/L	0.50		1		03/20/18 09:33	56-23-5	
Chlorobenzene	<0.50	ug/L	0.50		1		03/20/18 09:33	108-90-7	
Chlorodifluoromethane	<0.50	ug/L	0.50		1		03/20/18 09:33	75-45-6	L2,N3
Chloroethane	<0.50	ug/L	0.50		1		03/20/18 09:33	75-00-3	
Chloroform	3.0	ug/L	0.50		1		03/20/18 09:33	67-66-3	
Chloromethane	<0.50	ug/L	0.50		1		03/20/18 09:33	74-87-3	
2-Chlorotoluene	<0.50	ug/L	0.50		1		03/20/18 09:33	95-49-8	
4-Chlorotoluene	<0.50	ug/L	0.50		1		03/20/18 09:33	106-43-4	
Dibromochloromethane	<0.50	ug/L	0.50		1		03/20/18 09:33	124-48-1	
Dibromomethane	<0.50	ug/L	0.50		1		03/20/18 09:33	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	0.50		1		03/20/18 09:33	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	0.50		1		03/20/18 09:33	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	0.50		1		03/20/18 09:33	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	0.50		1		03/20/18 09:33	75-71-8	
1,1-Dichloroethane	<0.50	ug/L	0.50		1		03/20/18 09:33	75-34-3	
1,2-Dichloroethane	<0.50	ug/L	0.50		1		03/20/18 09:33	107-06-2	
1,1-Dichloroethene	<0.50	ug/L	0.50		1		03/20/18 09:33	75-35-4	
cis-1,2-Dichloroethene	<0.50	ug/L	0.50		1		03/20/18 09:33	156-59-2	
trans-1,2-Dichloroethene	<0.50	ug/L	0.50		1		03/20/18 09:33	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	0.50		1		03/20/18 09:33	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	0.50		1		03/20/18 09:33	142-28-9	
2,2-Dichloropropane	<0.50	ug/L	0.50		1		03/20/18 09:33	594-20-7	
1,1-Dichloropropene	<0.50	ug/L	0.50		1		03/20/18 09:33	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	0.50		1		03/20/18 09:33	10061-01-5	
trans-1,3-Dichloropropene	<0.50	ug/L	0.50		1		03/20/18 09:33	10061-02-6	
Ethylbenzene	<0.50	ug/L	0.50		1		03/20/18 09:33	100-41-4	
Hexachloro-1,3-butadiene	<0.50	ug/L	0.50		1		03/20/18 09:33	87-68-3	
Isopropylbenzene (Cumene)	<0.50	ug/L	0.50		1		03/20/18 09:33	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	0.50		1		03/20/18 09:33	99-87-6	
Methylene Chloride	<0.50	ug/L	0.50		1		03/20/18 09:33	75-09-2	
Methyl-tert-butyl ether	<0.50	ug/L	0.50		1		03/20/18 09:33	1634-04-4	
n-Propylbenzene	<0.50	ug/L	0.50		1		03/20/18 09:33	103-65-1	
Styrene	<0.50	ug/L	0.50		1		03/20/18 09:33	100-42-5	
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50		1		03/20/18 09:33	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50		1		03/20/18 09:33	79-34-5	
Tetrachloroethene	<0.50	ug/L	0.50		1		03/20/18 09:33	127-18-4	
Toluene	0.97	ug/L	0.50		1		03/20/18 09:33	108-88-3	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: POC 3/16

Pace Project No.: 7045572

**Sample: S-127163**      **Lab ID: 7045572001**      Collected: 03/16/18 09:00      Received: 03/16/18 15:30      Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>524.2 MSV</b>									
Analytical Method: EPA 524.2									
Total Trihalomethanes (Calc.)	3.0	ug/L	0.50		1		03/20/18 09:33		
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50		1		03/20/18 09:33	87-61-6	
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50		1		03/20/18 09:33	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	0.50		1		03/20/18 09:33	71-55-6	
1,1,2-Trichloroethane	<0.50	ug/L	0.50		1		03/20/18 09:33	79-00-5	
Trichloroethene	<0.50	ug/L	0.50		1		03/20/18 09:33	79-01-6	
Trichlorofluoromethane	<0.50	ug/L	0.50		1		03/20/18 09:33	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	0.50		1		03/20/18 09:33	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.50	ug/L	0.50		1		03/20/18 09:33	76-13-1	N3
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50		1		03/20/18 09:33	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50		1		03/20/18 09:33	108-67-8	
Vinyl chloride	<0.50	ug/L	0.50		1		03/20/18 09:33	75-01-4	
m&p-Xylene	<0.50	ug/L	0.50		1		03/20/18 09:33	179601-23-1	
o-Xylene	<0.50	ug/L	0.50		1		03/20/18 09:33	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		03/20/18 09:33	2199-69-1	
4-Bromofluorobenzene (S)	99	%	70-130		1		03/20/18 09:33	460-00-4	

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### QUALITY CONTROL DATA

Project: POC 3/16  
Pace Project No.: 7045572

QC Batch: 60181 Analysis Method: EPA 524.2  
QC Batch Method: EPA 524.2 Analysis Description: 524.2 MSV  
Associated Lab Samples: 7045572001

METHOD BLANK: 275991 Matrix: Water  
Associated Lab Samples: 7045572001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.50	0.50	03/20/18 08:09	
1,1,1-Trichloroethane	ug/L	<0.50	0.50	03/20/18 08:09	
1,1,2,2-Tetrachloroethane	ug/L	<0.50	0.50	03/20/18 08:09	
1,1,2-Trichloroethane	ug/L	<0.50	0.50	03/20/18 08:09	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.50	0.50	03/20/18 08:09	N3
1,1-Dichloroethane	ug/L	<0.50	0.50	03/20/18 08:09	
1,1-Dichloroethene	ug/L	<0.50	0.50	03/20/18 08:09	
1,1-Dichloropropene	ug/L	<0.50	0.50	03/20/18 08:09	
1,2,3-Trichlorobenzene	ug/L	<0.50	0.50	03/20/18 08:09	
1,2,3-Trichloropropane	ug/L	<0.50	0.50	03/20/18 08:09	
1,2,4-Trichlorobenzene	ug/L	<0.50	0.50	03/20/18 08:09	
1,2,4-Trimethylbenzene	ug/L	<0.50	0.50	03/20/18 08:09	
1,2-Dichlorobenzene	ug/L	<0.50	0.50	03/20/18 08:09	
1,2-Dichloroethane	ug/L	<0.50	0.50	03/20/18 08:09	
1,2-Dichloropropane	ug/L	<0.50	0.50	03/20/18 08:09	
1,3,5-Trimethylbenzene	ug/L	<0.50	0.50	03/20/18 08:09	
1,3-Dichlorobenzene	ug/L	<0.50	0.50	03/20/18 08:09	
1,3-Dichloropropane	ug/L	<0.50	0.50	03/20/18 08:09	
1,4-Dichlorobenzene	ug/L	<0.50	0.50	03/20/18 08:09	
2,2-Dichloropropane	ug/L	<0.50	0.50	03/20/18 08:09	
2-Chlorotoluene	ug/L	<0.50	0.50	03/20/18 08:09	
4-Chlorotoluene	ug/L	<0.50	0.50	03/20/18 08:09	
Benzene	ug/L	<0.50	0.50	03/20/18 08:09	
Bromobenzene	ug/L	<0.50	0.50	03/20/18 08:09	
Bromochloromethane	ug/L	<0.50	0.50	03/20/18 08:09	
Bromodichloromethane	ug/L	<0.50	0.50	03/20/18 08:09	
Bromoform	ug/L	<0.50	0.50	03/20/18 08:09	
Bromomethane	ug/L	<0.50	0.50	03/20/18 08:09	
Carbon tetrachloride	ug/L	<0.50	0.50	03/20/18 08:09	
Chlorobenzene	ug/L	<0.50	0.50	03/20/18 08:09	
Chlorodifluoromethane	ug/L	<0.50	0.50	03/20/18 08:09	N3
Chloroethane	ug/L	<0.50	0.50	03/20/18 08:09	
Chloroform	ug/L	<0.50	0.50	03/20/18 08:09	
Chloromethane	ug/L	<0.50	0.50	03/20/18 08:09	
cis-1,2-Dichloroethene	ug/L	<0.50	0.50	03/20/18 08:09	
cis-1,3-Dichloropropene	ug/L	<0.50	0.50	03/20/18 08:09	
Dibromochloromethane	ug/L	<0.50	0.50	03/20/18 08:09	
Dibromomethane	ug/L	<0.50	0.50	03/20/18 08:09	
Dichlorodifluoromethane	ug/L	<0.50	0.50	03/20/18 08:09	
Ethylbenzene	ug/L	<0.50	0.50	03/20/18 08:09	
Hexachloro-1,3-butadiene	ug/L	<0.50	0.50	03/20/18 08:09	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: POC 3/16  
Pace Project No.: 7045572

METHOD BLANK: 275991  
Associated Lab Samples: 7045572001

Matrix: Water

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Isopropylbenzene (Cumene)	ug/L	<0.50	0.50	03/20/18 08:09	
m&p-Xylene	ug/L	<0.50	0.50	03/20/18 08:09	
Methyl-tert-butyl ether	ug/L	<0.50	0.50	03/20/18 08:09	
Methylene Chloride	ug/L	<0.50	0.50	03/20/18 08:09	
n-Butylbenzene	ug/L	<0.50	0.50	03/20/18 08:09	
n-Propylbenzene	ug/L	<0.50	0.50	03/20/18 08:09	
o-Xylene	ug/L	<0.50	0.50	03/20/18 08:09	
p-Isopropyltoluene	ug/L	<0.50	0.50	03/20/18 08:09	
sec-Butylbenzene	ug/L	<0.50	0.50	03/20/18 08:09	
Styrene	ug/L	<0.50	0.50	03/20/18 08:09	
tert-Butylbenzene	ug/L	<0.50	0.50	03/20/18 08:09	
Tetrachloroethene	ug/L	<0.50	0.50	03/20/18 08:09	
Toluene	ug/L	<0.50	0.50	03/20/18 08:09	
Total Trihalomethanes (Calc.)	ug/L	<0.50	0.50	03/20/18 08:09	
trans-1,2-Dichloroethene	ug/L	<0.50	0.50	03/20/18 08:09	
trans-1,3-Dichloropropene	ug/L	<0.50	0.50	03/20/18 08:09	
Trichloroethene	ug/L	<0.50	0.50	03/20/18 08:09	
Trichlorofluoromethane	ug/L	<0.50	0.50	03/20/18 08:09	
Vinyl chloride	ug/L	<0.50	0.50	03/20/18 08:09	
1,2-Dichlorobenzene-d4 (S)	%	98	70-130	03/20/18 08:09	
4-Bromofluorobenzene (S)	%	98	70-130	03/20/18 08:09	

LABORATORY CONTROL SAMPLE: 275992

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	10	10.4	104	70-130	
1,1,1-Trichloroethane	ug/L	10	10.4	104	70-130	
1,1,2,2-Tetrachloroethane	ug/L	10	9.7	97	70-130	
1,1,2-Trichloroethane	ug/L	10	10.2	102	70-130	
1,1,2-Trichlorotrifluoroethane	ug/L	10	9.7	97	70-130	N3
1,1-Dichloroethane	ug/L	10	9.9	99	70-130	
1,1-Dichloroethene	ug/L	10	9.4	94	70-130	
1,1-Dichloropropene	ug/L	10	10.3	103	70-130	
1,2,3-Trichlorobenzene	ug/L	10	10.3	103	70-130	
1,2,3-Trichloropropane	ug/L	10	10.8	108	70-130	
1,2,4-Trichlorobenzene	ug/L	10	10.3	103	70-130	
1,2,4-Trimethylbenzene	ug/L	10	10.4	104	70-130	
1,2-Dichlorobenzene	ug/L	10	10.6	106	70-130	
1,2-Dichloroethane	ug/L	10	11.0	110	70-130	
1,2-Dichloropropane	ug/L	10	9.3	93	70-130	
1,3,5-Trimethylbenzene	ug/L	10	10.3	103	70-130	
1,3-Dichlorobenzene	ug/L	10	10.4	104	70-130	
1,3-Dichloropropane	ug/L	10	10	100	70-130	
1,4-Dichlorobenzene	ug/L	10	10.4	104	70-130	

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### QUALITY CONTROL DATA

Project: POC 3/16

Pace Project No.: 7045572

LABORATORY CONTROL SAMPLE: 275992

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,2-Dichloropropane	ug/L	10	11.3	113	70-130	
2-Chlorotoluene	ug/L	10	10.2	102	70-130	
4-Chlorotoluene	ug/L	10	10.2	102	70-130	
Benzene	ug/L	10	9.6	96	70-130	
Bromobenzene	ug/L	10	10.6	106	70-130	
Bromochloromethane	ug/L	10	11.1	111	70-130	
Bromodichloromethane	ug/L	10	11.0	110	70-130	
Bromoform	ug/L	10	10.9	109	70-130	
Bromomethane	ug/L	10	9.2	92	70-130	
Carbon tetrachloride	ug/L	10	10.6	106	70-130	
Chlorobenzene	ug/L	10	10.6	106	70-130	
Chlorodifluoromethane	ug/L	10	6.7	67	70-130	L2,N3
Chloroethane	ug/L	10	8.0	80	70-130	
Chloroform	ug/L	10	10.6	106	70-130	
Chloromethane	ug/L	10	7.7	77	70-130	
cis-1,2-Dichloroethene	ug/L	10	10.1	101	70-130	
cis-1,3-Dichloropropene	ug/L	10	10.2	102	70-130	
Dibromochloromethane	ug/L	10	10.8	108	70-130	
Dibromomethane	ug/L	10	10.7	107	70-130	
Dichlorodifluoromethane	ug/L	10	10.8	108	70-130	
Ethylbenzene	ug/L	10	10.5	105	70-130	
Hexachloro-1,3-butadiene	ug/L	10	10.5	105	70-130	
Isopropylbenzene (Cumene)	ug/L	10	10.2	102	70-130	
m&p-Xylene	ug/L	20	20.8	104	70-130	
Methyl-tert-butyl ether	ug/L	10	9.8	98	70-130	
Methylene Chloride	ug/L	10	9.8	98	70-130	
n-Butylbenzene	ug/L	10	9.9	99	70-130	
n-Propylbenzene	ug/L	10	10.2	102	70-130	
o-Xylene	ug/L	10	10.3	103	70-130	
p-Isopropyltoluene	ug/L	10	10.2	102	70-130	
sec-Butylbenzene	ug/L	10	10.0	100	70-130	
Styrene	ug/L	10	11.0	110	70-130	
tert-Butylbenzene	ug/L	10	10.5	105	70-130	
Tetrachloroethene	ug/L	10	10.3	103	70-130	
Toluene	ug/L	10	10.3	103	70-130	
Total Trihalomethanes (Calc.)	ug/L		43.3			
trans-1,2-Dichloroethene	ug/L	10	10.0	100	70-130	
trans-1,3-Dichloropropene	ug/L	10	11.0	110	70-130	
Trichloroethene	ug/L	10	10.6	106	70-130	
Trichlorofluoromethane	ug/L	10	10.2	102	70-130	
Vinyl chloride	ug/L	10	7.5	75	70-130	
1,2-Dichlorobenzene-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	

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### QUALITY CONTROL DATA

Project: POC 3/16

Pace Project No.: 7045572

SAMPLE DUPLICATE: 276234

Parameter	Units	7045572001 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	3.0	2.8	7	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	

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.

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: POC 3/16

Pace Project No.: 7045572

SAMPLE DUPLICATE: 276234

Parameter	Units	7045572001 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	0.97	0.87	11	20	
Total Trihalomethanes (Calc.)	ug/L	3.0	2.8	7	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)	%	104	106	2	20	
4-Bromofluorobenzene (S)	%	99	97	2	20	

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## QUALIFIERS

Project: POC 3/16

Pace Project No.: 7045572

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### 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

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.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: POC 3/16

Pace Project No.: 7045572

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<b>Lab ID</b>	<b>Sample ID</b>	<b>QC Batch Method</b>	<b>QC Batch</b>	<b>Analytical Method</b>	<b>Analytical Batch</b>
7045572001	S-127163	EPA 524.2	60181		

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### REPORT OF LABORATORY ANALYSIS

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WO#: 7045572



7045572

1747  
.....6

# Sample Request Form PUBLIC WATER SUPPLIER

Date: 7-16-18

Collected By: K. TUSTINE / W Booth

Accepted By: [Signature]

Cooler Temp: 2.6 °C

epw  WELL OFF LINE  
3/16/18  
13.13

WELL RUN TO SYSTEM

YES  NO VOC'S PRESERVED WITH HCl

Back 1530

### 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 Info:

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	

Date/Time Collected:	Sample Type	Location	Origin	Treatment Type	Purpose	Field Readings Cl <sub>2</sub>	pH/Temp	Analysis	Lab No.
<u>7:40AM</u> <u>3-16-18</u>	<u>PW</u>	<u>#12</u>	<u>D</u>	<u>-</u>	<u>RO</u>	<u>.31</u>	<u>7.92</u>	<u>BAET w/ccl</u>	
<u>7:55AM</u> <u>3-16-18</u>	<u>PW</u>	<u>#13</u>	<u>D</u>	<u>-</u>	<u>RO</u>	<u>.92</u>	<u>7.61</u>	<u>BAET w/ccl</u>	
<u>8:10AM</u> <u>3-16-18</u>	<u>PW</u>	<u>#28</u>	<u>D</u>	<u>-</u>	<u>RO</u>	<u>.46</u>	<u>7.02</u>	<u>BAET w/ccl</u>	
<u>8:25AM</u> <u>3-16-18</u>	<u>PW</u>	<u>#29</u>	<u>D</u>	<u>-</u>	<u>RO</u>	<u>.55</u>	<u>7.04</u>	<u>BAET w/ccl</u>	
<u>8:40AM</u> <u>3-16-18</u>	<u>PW</u>	<u>#16</u>	<u>D</u>	<u>-</u>	<u>RO</u>	<u>.54</u>	<u>7.01</u>	<u>BAET w/ccl</u>	
<u>8:55AM</u> <u>3-16-18</u>	<u>PW</u>	<u>#31</u>	<u>D</u>	<u>-</u>	<u>RO</u>	<u>.87</u>	<u>7.03</u>	<u>BAET w/ccl</u>	
<u>9:11AM</u> <u>3-16-18</u>	<u>PW</u>	<u>#25</u>	<u>D</u>	<u>-</u>	<u>RO</u>	<u>.46</u>	<u>7.04</u>	<u>BAET w/ccl</u>	
<u>2:30AM</u> <u>3-16-18</u>	<u>PW</u>	<u>#19</u>	<u>D</u>	<u>-</u>	<u>RO</u>	<u>.82</u>	<u>7.01</u>	<u>BAET w/ccl</u>	
<u>6:15AM</u> <u>3-16-18</u>	<u>PW</u>	<u>#21</u>	<u>D</u>	<u>-</u>	<u>RO</u>	<u>.99</u>	<u>7.08</u>	<u>BAET w/ccl</u>	
<u>8:50AM</u> <u>3-16-18</u>	<u>PW</u>	<u>#5A</u>	<u>D</u>	<u>-</u>	<u>RO</u>	<u>.51</u>	<u>7.04</u>	<u>BAET w/ccl</u>	
<u>9:00</u> <u>3-16-18</u>	<u>GW</u>	<u>WELL 5-1</u>	<u>RW</u>	<u>-</u>	<u>S</u>	<u>6.51</u>	<u>11.60</u>	<u>P.O.C.'s</u>	<u>001</u>

Remarks:



Sample Condition Upon Receipt

Client Name: HBW

Project **WO#: 7045572**  
PM: SWM Due Date: 03/27/18  
CLIENT: HBW

Courier:  Fed Ex  UPS  USPS  Client  Commercial  Pace  Other

Tracking #: \_\_\_\_\_  
Custody Seal on Cooler/Box Present:  Yes  No      Seals intact:  Yes  No

Packing Material:  Bubble Wrap  Bubble Bags  Ziploc  None  Other

Thermometer Used: TH091      Correction Factor: 0

Cooler Temperature (°C): 2.6      Cooler Temperature Corrected (°C): 2.6

Temp should be above freezing to 6.0°C

USDA Regulated Soil (  N/A, water sample)

Date and Initials of person examining contents: Ed 3/16/18

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  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 type="checkbox"/> Yes <input checked="" 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 <u>SL WT OIL</u>		
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 <sub>3</sub> <input type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> <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 <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> , HCl, NaOH>9 Sulfide, NaOH>12 Cyanide)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Exceptions: VOA, 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 type="checkbox"/> No <input checked="" 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: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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