



575 Broad Hollow Road, Melville, NY 11747  
 TEL: (631) 694-3040 FAX: (631) 420-8436  
[www.pacelabs.com](http://www.pacelabs.com)

# Laboratory Results

Results for the samples and analytes requested  
 The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests requested.

## Sample Information:

Type: Drinking Water  
 Origin: Raw Well  
 Special

**Hampton Bays Water District**  
**P.O. Box 1013**  
**Hampton Bays, NY 11946**  
**Attn To : Rob King**

**Lab No. : 7046526001**  
**Client Sample ID.: S-127163**

Federal ID : 5103704  
 Collected : 03/28/2018 10:50 AM Point No: S-127163  
 Received : 03/28/2018 03:15 PM Location: Well #5-1  
 Collected By : CLIENT

### Analytical Method: EPA 524.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
Benzene	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
Bromoform	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
Chloroethane	<0.50	L1	1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
Chloroform	3.8		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
Chloromethane	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
Dibromochloromethane	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
Dibromomethane	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
Dichlorodifluoromethane	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
Ethylbenzene	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
Hexachloro-1,3-butadiene	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
Isopropylbenzene (Cumene)	<0.50		1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2

### Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.  
 ND - Not Detected at or above adjusted reporting limit.  
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range  
 U - Indicates the compound was analyzed for, but not detected  
 See qualifiers page for additional qualifier definitions.

Stu Murrell

Test results meet the requirements of NELAC unless otherwise noted.

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Result(s) reported meet(s) NYS Regulatory Limit(s).  
 Result(s) flagged with \* Exceed NYS Regulatory Limit(s). Limit Noted.



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**Lab No. : 7046526001**  
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Federal ID : 5103704  
 Collected : 03/28/2018 10:50 AM Point No: S-127163  
 Received : 03/28/2018 03:15 PM Location: Well #5-1  
 Collected By : CLIENT

Methyl-tert-butyl ether	<0.50	1	ug/L	10	03/29/2018 5:33 PM	001 VG9C1/2
Methylene Chloride	<0.50	1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
Styrene	<0.50	1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
Tetrachloroethene	<0.50	1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
Toluene	<0.50	1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
Total Trihalomethanes (Calc.)	3.8	1	ug/L	80	03/29/2018 5:33 PM	001 VG9C1/2
Trichloroethene	<0.50	1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
Trichlorofluoromethane	<0.50	1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
Vinyl chloride	<0.50	1	ug/L	2	03/29/2018 5:33 PM	001 VG9C1/2
cis-1,2-Dichloroethene	<0.50	1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
cis-1,3-Dichloropropene	<0.50	L1 1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
m&p-Xylene	<0.50	1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
n-Butylbenzene	<0.50	1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
n-Propylbenzene	<0.50	1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
o-Xylene	<0.50	1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
p-Isopropyltoluene	<0.50	1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
sec-Butylbenzene	<0.50	1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
tert-Butylbenzene	<0.50	1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
trans-1,2-Dichloroethene	<0.50	1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
trans-1,3-Dichloropropene	<0.50	1	ug/L	5	03/29/2018 5:33 PM	001 VG9C1/2
Surr: 1,2-Dichlorobenzene-d4 (S)	89%	1	%REC		03/29/2018 5:33 PM	001 VG9C1/2
Surr: 4-Bromofluorobenzene (S)	91%	1	%REC		03/29/2018 5:33 PM	001 VG9C1/2

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**WorkOrder :**  
7046526

## Laboratory Certifications

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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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## **Qualifiers**

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L1 - Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

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







### Sample Condition Upon Receipt

Client Name: HBW

Project **WO#: 7046526**  
 PM: SWM Due Date: 04/06/18  
 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  
 Thermometer Used: TH091      Correction Factor: 0.0

Type of Ice: Wet  Blue  None

Cooler Temperature (°C): 26      Cooler Temperature Corrected (°C): 26

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 ( N/A, water sample)

Date and Initials of person examining contents: JK 3/28/18

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 SL WT 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 <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) Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis	<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	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 type="checkbox"/> No <input checked="" 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: \_\_\_\_\_