



575 Broad Hollow Road, Melville, NY 11747
 TEL: (516) 370-6000 FAX: (516) 886-5526
 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

Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Hampton Bays Water District
PO Box 1013
Hampton Bays, NY 11946
Attn To : Keith Tuthill

Lab No. : 70275332001
Client Sample ID.: S-58351

Federal ID : 5103704
 Collected : 10/25/2023 09:35 AM Point S-58351
 Received : 10/25/2023 02:00 PM Location Well #3-2
 Collected By CLIENT

Analytical Method: EPA 505		Prep Method: EPA 505			Prep Date: 10/27/2023 4:40 PM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Alachlor	<0.20		1	ug/L	2	10/28/2023 4:50 AM	001 DG9T1/2
Aldrin	<0.025		1	ug/L	5	10/28/2023 4:50 AM	001 DG9T1/2
Chlordane (Technical)	<0.20		1	ug/L	2	10/28/2023 4:50 AM	001 DG9T1/2
Dieldrin	<0.050		1	ug/L	5	10/28/2023 4:50 AM	001 DG9T1/2
Endrin	<0.010		1	ug/L	2	10/28/2023 4:50 AM	001 DG9T1/2
Heptachlor	<0.025		1	ug/L	0.4	10/28/2023 4:50 AM	001 DG9T1/2
Heptachlor epoxide	<0.020		1	ug/L	0.2	10/28/2023 4:50 AM	001 DG9T1/2
Hexachlorobenzene	<0.10		1	ug/L	1	10/28/2023 4:50 AM	001 DG9T1/2
Hexachlorocyclopentadiene	<0.10		1	ug/L	5	10/28/2023 4:50 AM	001 DG9T1/2
Methoxychlor	<0.10		1	ug/L	40	10/28/2023 4:50 AM	001 DG9T1/2
PCB Screen	<0.40		1	ug/L		10/28/2023 4:50 AM	001 DG9T1/2
Toxaphene	<1.0		1	ug/L	3	10/28/2023 4:50 AM	001 DG9T1/2
gamma-BHC (Lindane)	<0.020		1	ug/L	0.2	10/28/2023 4:50 AM	001 DG9T1/2
Surr: Decachlorobiphenyl (S)	108%		1	%REC		10/28/2023 4:50 AM	001 DG9T1/2
Surr: Tetrachloro-m-xylene (S)	123%		1	%REC		10/28/2023 4:50 AM	001 DG9T1/2

Analytical Method: EPA 515.3		Prep Method: EPA 515.3			Prep Date: 10/27/2023 9:21 AM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
2,4,5-TP (Silvex)	<0.13		1	ug/L	10	11/01/2023 1:28 AM	001 AG3T1/1
2,4-D	<0.10		1	ug/L	50	11/01/2023 1:28 AM	001 AG3T1/1
Dalapon	<0.70		1	ug/L	50	11/01/2023 1:28 AM	001 AG3T1/1
Dicamba	<1.0		1	ug/L	50	11/01/2023 1:28 AM	001 AG3T1/1
Dinoseb	<0.20		1	ug/L	7	11/01/2023 1:28 AM	001 AG3T1/1
Pentachlorophenol	<0.040		1	ug/L	1	11/01/2023 1:28 AM	001 AG3T1/1
Picloram	<0.10	M1	1	ug/L	50	11/01/2023 1:28 AM	001 AG3T1/1
Surr: 2,4-DCAA (S)	86%		1	%REC		11/01/2023 1:28 AM	001 AG3T1/1

Analytical Method: EPA 525.3		Prep Method: EPA 525.3			Prep Date: 10/27/2023 5:44 PM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Atrazine	<0.10		1	ug/L	3	10/31/2023 9:19 PM	001 AG1A1/2
Benzo(a)pyrene	<0.020		1	ug/L	0.2	10/31/2023 9:19 PM	001 AG1A1/2
Butachlor	<0.20		1	ug/L	50	10/31/2023 9:19 PM	001 AG1A1/2
Metolachlor	<0.10		1	ug/L	50	10/31/2023 9:19 PM	001 AG1A1/2
Metribuzin	<0.50		1	ug/L	50	10/31/2023 9:19 PM	001 AG1A1/2
Propachlor	<0.10		1	ug/L	50	10/31/2023 9:19 PM	001 AG1A1/2
Simazine	<0.070		1	ug/L	4	10/31/2023 9:19 PM	001 AG1A1/2
bis(2-Ethylhexyl)adipate	<0.60		1	ug/L	50	10/31/2023 9:19 PM	001 AG1A1/2
bis(2-Ethylhexyl)phthalate	<0.60		1	ug/L	6	10/31/2023 9:19 PM	001 AG1A1/2
Surr: 1,3-Dimethyl-2-nitrobenzene(S)	86%		1	%REC		10/31/2023 9:19 PM	001 AG1A1/2

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.

Kimberley Mack

Test results meet the requirements of NELAC unless otherwise noted.

This report shall not be reproduced except in full, without the written approval of the laboratory.

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



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Attn To : Keith Tuthill
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 Collected : 10/25/2023 09:35 AM Point S-58351
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 Collected By CLIENT

Surr: Benzo(a)pyrene-d12 (S)	71%	1	%REC	10/31/2023 9:19 PM	001 AG1A1/2
Surr: Triphenylphosphate (S)	97%	1	%REC	10/31/2023 9:19 PM	001 AG1A1/2

Analytical Method:EPA 531.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
3-Hydroxycarbofuran	<1.0		1	ug/L	50	11/06/2023 8:41 PM	001 DG9Y1/2
Aldicarb	<0.50		1	ug/L	3	11/06/2023 8:41 PM	001 DG9Y1/2
Aldicarb sulfone	<0.80		1	ug/L	2	11/06/2023 8:41 PM	001 DG9Y1/2
Aldicarb sulfoxide	<0.50		1	ug/L	4	11/06/2023 8:41 PM	001 DG9Y1/2
Carbaryl	<1.0		1	ug/L	50	11/06/2023 8:41 PM	001 DG9Y1/2
Carbofuran	<0.90		1	ug/L	40	11/06/2023 8:41 PM	001 DG9Y1/2
Methomyl	<1.0		1	ug/L	50	11/06/2023 8:41 PM	001 DG9Y1/2
Oxamyl	<1.0		1	ug/L	50	11/06/2023 8:41 PM	001 DG9Y1/2
Surr: BDMC (S)	99%		1	%REC		11/06/2023 8:41 PM	001 DG9Y1/2

Analytical Method:EPA 547

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Glyphosate	<6.0		1	ug/L	50	11/06/2023 10:54	001 DG6T1/1

Analytical Method:EPA 548.1

Prep Method: EPA 548.1

Prep Date: 10/30/2023 6:41 PM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Endothall	<9.0	M1	1	ug/L	50	10/31/2023 2:35 PM	001 AG3U1/1

Analytical Method:EPA 549.2

Prep Method: EPA 549.2

Prep Date: 10/27/2023 10:41

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Diquat	<0.40		1	ug/L	20	10/27/2023 5:36 PM	001 BP1B1/1

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WorkOrder :
 70275332

Laboratory Certifications

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747
 Connecticut Certification #: PH-0435
 Delaware Certification # NY 10478
 Maryland Certification #: 208
 Massachusetts Certification #: M-NY026
 New Hampshire Certification #: 2987
 New Jersey Certification #: NY158
 New York Certification #: 10478 Primary Accrediting Body
 Pennsylvania Certification #: 68-00350
 Rhode Island Certification #: LAO00340
 Virginia Certification # 460302

All parameters are reported to meet the NYS ELAP required detection limits (RDL) for drinking water analyses. For the analytes listed below, the reporting limit is below the laboratory verified limit of quantification (LOQ) but greater than the method detection limit (MDL); values are estimated.

Method	Method	Unit	MDL*	RDL	LOQ
505	Toxaphene	ug/L	0.57	1	2.5
505	Chlordane	ug/L	0.096	0.2	0.5
525.2	Simazine	ug/L	0.031	0.07	0.1
525.2	Benzo(a)pyrene	ug/L	0.017	0.02	0.1
549.2	Diquat	ug/L	0.165	0.4	1

* Determined annually; subject to change but must always be below the RDL and LOQ.



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WorkOrder :
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Additional Qualifiers

M1 - Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

WO#: 70275332
 70275332
 747

Sample Request Form
 PUBLIC WATER SUPPLIER

Date: 10-25-2023

Collected By: K. TOTHUS
 Accepted By: Phil M... 10/25/23
 Cooler Temp: 41.5 °C 14/20

WELL OFF LINE

WELL RUN TO SYSTEM

YES NO VOC'S PRESERVED WITH HCl

Phil M... 10/25/23 1640

Client Info:
 Name or Code: HAMPTON BAYS WATER DISTRICT
 Address: HAMPTON BAYS, NEW YORK 11946
 P.O. BOX 1013
 (631) 728-0129
 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 ₂	pH/Temp	Analysis	Lab No.
10/25/23 7:30am		Well 1-1	RW		Ro			I/M,	
10/25/23 2:45pm		Well 1-2	RW		Ro			I/M,	
10/25/23 8:00am		Well 1-3	RW		Ro			I/M, VOC	
10/25/23 5:15pm		R. I. GAC	RW		Ra			I/M,	
10/25/23 8:45am		Well 4-1	RW		Ro			I/M,	
10/25/23 8:55am		Well 4-2	RW		Ro			I/M,	
10/25/23 8:00am		B. I. Iron Plant	RW		Ro			I/M,	
10/25/23 9:15am		B. E. Iron Plant	RW		Ro			I/M,	
10/25/23 9:30am		Well 3-2	RW		Ro			I/M, SAC	
10/25/23 9:55am		Blended Entry Point 3 Field	RW		Ro			I/M	
Remarks:									

WO#: 70275332

Client Name: HBW

Project #

PM: KMM

Due Date: 11/08/23

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: TM198 Correction Factor: +0.3 Samples on ice, cooling process has begun

Cooler Temperature (°C): 4.5 Cooler Temperature Corrected (°C): 4.8 Date/Time 5035A kits placed in freezer: 10/25/23 1640

Temp should be above freezing to 6.0°C

USDA Regulated Soil (N/A, water sample)

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 including Hawaii and Puerto Rico? Yes No

If Yes to either question, fill out a Regulated Soil Checklist (ENV-FRM-MELV-0076) and include with SCUR/COC paperwork.

Date and Initials of person examining contents: [Signature] 10/26/23

	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	10.
Containers Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input 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 OTHER	

Date and Initials of person checking preservation:

All containers needing preservation have been pH paper Lot #	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
All containers needing preservation are found to be in compliance with method recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH > 9 Sulfide, <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A NAOH > 12 Cyanide)	Sample #
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 type="checkbox"/> N/A	14.
KI starch test strips Lot #	Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #	15.
SM 4500 CN samples checked for sul <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Positive for Sulfide? Y N
Lead Acetate Strips Lot #	16.
Headspace in VOA Vials (>6mm): <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	17.
Trip Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Trip Blank Custody Seals Present <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

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