



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
 Special

Hampton Bays Water District
PO Box 1013
Hampton Bays, NY 11946

Lab No. : 70313278001
Client Sample ID.: 23 WASHINGTON AVE

Attn To : Keith Tuthill

Federal ID : 5103704

Collected : 09/11/2024 08:00 AM Point 23 WASHINGTON

Received : 09/11/2024 04:30 PM Location IRRIGATION WELL

Collected By CLIENT

Analytical Method: EPA 505		Prep Method: EPA 505			Prep Date: 09/18/2024 6:44 PM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Alachlor	<0.20	1		ug/L	2	09/19/2024 1:13 AM	001 VG9T1/2
Aldrin	<0.025	1		ug/L	5	09/19/2024 1:13 AM	001 VG9T1/2
Chlordane (Technical)	<0.20	1		ug/L	2	09/19/2024 1:13 AM	001 VG9T1/2
Dieldrin	<0.050	1		ug/L	5	09/19/2024 1:13 AM	001 VG9T1/2
Endrin	<0.010	1		ug/L	2	09/19/2024 1:13 AM	001 VG9T1/2
Heptachlor	<0.025	1		ug/L	0.4	09/19/2024 1:13 AM	001 VG9T1/2
Heptachlor epoxide	<0.020	1		ug/L	0.2	09/19/2024 1:13 AM	001 VG9T1/2
Hexachlorobenzene	<0.10	1		ug/L	1	09/19/2024 1:13 AM	001 VG9T1/2
Hexachlorocyclopentadiene	<0.10	1		ug/L	5	09/19/2024 1:13 AM	001 VG9T1/2
Methoxychlor	<0.10	1		ug/L	40	09/19/2024 1:13 AM	001 VG9T1/2
PCB Screen	<0.40	1		ug/L		09/19/2024 1:13 AM	001 VG9T1/2
Toxaphene	<1.0	1		ug/L	3	09/19/2024 1:13 AM	001 VG9T1/2
gamma-BHC (Lindane)	<0.020	1		ug/L	0.2	09/19/2024 1:13 AM	001 VG9T1/2
Surr: Decachlorobiphenyl (S)	107%	1		%REC		09/19/2024 1:13 AM	001 VG9T1/2
Surr: Tetrachloro-m-xylene (S)	107%	1		%REC		09/19/2024 1:13 AM	001 VG9T1/2

Analytical Method: EPA 515.3		Prep Method: EPA 515.3			Prep Date: 09/18/2024 1:30 PM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
2,4,5-TP (Silvex)	<0.13	1		ug/L	10	09/24/2024 7:49 AM	001 AG3T1/1
2,4-D	<0.10	1		ug/L	50	09/24/2024 7:49 AM	001 AG3T1/1
Dalapon	<0.70	1		ug/L	50	09/24/2024 7:49 AM	001 AG3T1/1
Dicamba	<1.0	1		ug/L	50	09/24/2024 7:49 AM	001 AG3T1/1
Dinoseb	<0.20	1		ug/L	7	09/24/2024 7:49 AM	001 AG3T1/1
Pentachlorophenol	<0.040	1		ug/L	1	09/24/2024 7:49 AM	001 AG3T1/1
Picloram	<0.10	1		ug/L	50	09/24/2024 7:49 AM	001 AG3T1/1
Surr: 2,4-DCAA (S)	91%	1		%REC		09/24/2024 7:49 AM	001 AG3T1/1

Analytical Method: EPA 525.3		Prep Method: EPA 525.3			Prep Date: 09/24/2024 8:14 AM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Atrazine	<0.096	1		ug/L	3	09/26/2024 1:52 AM	001 AG1A1/2
Benzo(a)pyrene	<0.096	1		ug/L	0.2	09/26/2024 1:52 AM	001 AG1A1/2
Butachlor	<0.096	1		ug/L	50	09/26/2024 1:52 AM	001 AG1A1/2
Metolachlor	<0.096	1		ug/L	50	09/26/2024 1:52 AM	001 AG1A1/2
Metribuzin	<0.29	1		ug/L	50	09/26/2024 1:52 AM	001 AG1A1/2
Propachlor	<0.096	1		ug/L	50	09/26/2024 1:52 AM	001 AG1A1/2
Simazine	<0.17	1		ug/L	4	09/26/2024 1:52 AM	001 AG1A1/2
bis(2-Ethylhexyl)adipate	<1.4	1		ug/L	50	09/26/2024 1:52 AM	001 AG1A1/2
bis(2-Ethylhexyl)phthalate	<1.9	1		ug/L	6	09/26/2024 1:52 AM	001 AG1A1/2
Surr: 1,3-Dimethyl-2-nitrobenzene(S)	96%	1		%REC		09/26/2024 1:52 AM	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

Michelle Cohen

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.

Date Reported: 09/26/2024



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Hampton Bays, NY 11946

Lab No. : 70313278001
Client Sample ID.: 23 WASHINGTON AVE

Attn To : Keith Tuthill

Federal ID : 5103704

Collected : 09/11/2024 08:00 AM Point 23 WASHINGTON

Received : 09/11/2024 04:30 PM Location IRRIGATION WELL

Collected By CLIENT

Surr: Benzo(a)pyrene-d12 (S)	88%	1	%REC	09/26/2024 1:52 AM	001 AG1A1/2
Surr: Triphenylphosphate (S)	93%	1	%REC	09/26/2024 1:52 AM	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	09/23/2024 8:49 PM	001 DG9Y1/2
Aldicarb	<0.50		1	ug/L	3	09/23/2024 8:49 PM	001 DG9Y1/2
Aldicarb sulfone	<0.80		1	ug/L	2	09/23/2024 8:49 PM	001 DG9Y1/2
Aldicarb sulfoxide	<0.50		1	ug/L	4	09/23/2024 8:49 PM	001 DG9Y1/2
Carbaryl	<1.0		1	ug/L	50	09/23/2024 8:49 PM	001 DG9Y1/2
Carbofuran	<0.90		1	ug/L	40	09/23/2024 8:49 PM	001 DG9Y1/2
Methomyl	<1.0		1	ug/L	50	09/23/2024 8:49 PM	001 DG9Y1/2
Oxamyl	<1.0		1	ug/L	50	09/23/2024 8:49 PM	001 DG9Y1/2
Surr: BDMC (S)	100%		1	%REC		09/23/2024 8:49 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	09/23/2024 7:59 PM	001 DG6T1/1

Analytical Method:EPA 548.1

Prep Method: EPA 548.1

Prep Date: 09/18/2024 8:00 AM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Endothall	<9.0		1	ug/L	50	09/23/2024 9:47 PM	001 AG3U1/1

Analytical Method:EPA 549.2

Prep Method: EPA 549.2

Prep Date: 09/18/2024 9:38 AM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Diquat	<0.40		1	ug/L	20	09/18/2024 3:48 PM	001 BP1B1/1

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ND - Not Detected at or above adjusted reporting limit.

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Michelle Cohen

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WorkOrder :
 70313278

Laboratory Certifications

Pace Analytical Services Ormond Beach

- 8 East Tower Circle, Ormond Beach, FL 32174
- Alaska DEC- CS/UST/LUST
- Alabama Certification #: 41320
- California Certification# 3096
- Colorado Certification: FL NELAC Reciprocity
- Connecticut Certification #: PH-0216
- Delaware Certification: FL NELAC Reciprocity
- DoD-ANAB #:ADE-3199
- Florida Certification #: E83079
- Georgia Certification #: 955
- Guam Certification: FL NELAC Reciprocity
- Hawaii Certification: FL NELAC Reciprocity
- Illinois Certification #: 200068
- Indiana Certification: FL NELAC Reciprocity
- Kansas Certification #: E-10383
- Kentucky Certification #: 90050
- Louisiana Certification #: FL NELAC Reciprocity
- Louisiana Environmental Certificate #: 05007
- Maine Certification #: FL01264
- Maryland Certification: #346
- Massachusetts Certification #: M-FL1264
- Michigan Certification #: 9911
- Mississippi Certification: FL NELAC Reciprocity
- Missouri Certification #: 236
- Montana Certification #: Cert 0074
- Nebraska Certification: NE-OS-28-14
- Nevada Certification: FL NELAC Reciprocity
- New Hampshire Certification #: 2958
- New Jersey Certification #: FL022
- New York Certification #: 11608
- North Carolina Environmental Certificate #: 667
- North Carolina Certification #: 12710
- North Dakota Certification #: R-216
- Ohio DEP 87780
- Oklahoma Certification #: D9947
- Pennsylvania Certification #: 68-00547
- Puerto Rico Certification #: FL01264
- South Carolina Certification: #96042001
- Tennessee Certification #: TN02974
- Texas Certification: FL NELAC Reciprocity
- US Virgin Islands Certification: FL NELAC Reciprocity
- Utah
- Utah FL NELAC Reciprocity

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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Laboratory Certifications

Pace Analytical Services Ormond Beach

Virginia Environmental Certification #: 460165
 West Virginia Certification #: 9962C
 Wisconsin Certification #: 399079670
 Wyoming (EPA Region 8): FL NELAC Reciprocity

Pace Analytical Services, LLC - Melville, NY

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

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WO#: 70313278



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Sample Request Form PUBLIC WATER SUPPLIER

Pat Duly
9/11/24 11630
 WELL OFF LINE

Date: 9-11-2024
Collected By: G. V. Lawling
Accepted By: Pat Duly 9/11/24
Cooler Temp: 3.1 °C

WELL RUN TO SYSTEM

YES NO VOC'S PRESERVED WITH HCl

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	Field Readings pH/Temp	Analysis	Lab No.
9/11/24/8:00	PW	H13	D	-	RO	1.03	7.93	Beet w/ CL	
9/11/24/8:15	PW	H13	D	-	RO	.89	7.84	Beet w/ CL	
9/11/24/8:30	PW	H28	D	-	RO	.81	7.83	Beet w/ CL	
9/11/24/8:45	PW	H29	D	-	RO	.77	7.61	Beet w/ CL	
9/11/24/9:00	PW	H16	D	-	RO	.75	7.57	Beet w/ CL	
9/11/24/9:15	PW	H34	D	-	RO	.63	7.51	Beet w/ CL	
9/11/24/9:30	PW	H31	D	-	RO	.81	7.45	Beet w/ CL	
9/11/24/9:45	PW	SPBH1	D	-	RO	.79	7.39	Beet w/ CL	
9/11/24/10:00	PW	H5A	D	-	RO	.44	7.39	Beet w/ CL	
9/11/24/10:15	PW	H21	D	-	RO	.79	7.55	Beet w/ CL	
9/11/24/8:00	GW	23 Washington Ave Well	Rw	-	S	.00	6.17/13.8°C	Beet, Soc, Poc	

Remarks: NOB 9/16/24

Effective Date:

WO#: 70313278

Client Name:

HBW

Project #

PM: MC1

Due Date: 09/26/24

CLIENT: HBW

Courier: Fed Ex UPS USPS Client Commercial Pac 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 Ziplo Non Other Type of Ice: Wet Blue None

Thermometer Used: TH211 Correction Factor: 0.3 Samples on ice, cooling process has begun Cooler Temperature: 3.1 Cooler Temperature Corrected: 3.4 Date/Time 5035A kits placed in freezer

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:

Table with 2 columns: Question/Requirement and COMMENTS. Rows include Chain of Custody Present, Chain of Custody Filled Out, Chain of Custody Relinquished, Sampler Name & Signature on COC, Samples Arrived within Hold Time, Short Hold Time Analysis (<72hr), Rush Turn Around Time Requested, Sufficient Volume, Correct Containers Used, Containers Intact, Filtered volume received for Dissolved tests, Sample Labels match COC.

Date and Initials of person checking preservation:

Table with 2 columns: Question/Requirement and Initial when completed / Lot # of added preservative / Date/Time preservative added. Rows include All containers needing preservation have been pH paper Lot #, All containers needing preservation are found to be in compliance with method recommendation, Samples checked for dechlorination, KI starch test strips Lot #, Residual chlorine strips Lot #, SM 4500 CN samples checked for sul, Lead Acetate Strips Lot #, Headspace in ALK Bottle (>6mm), Headspace in VOA Vials (>6mm), Trip Blank Present, Trip Blank Custody Seals Present.

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

* PM (Project Manager) review (which includes the SCUR) is documented electronically in LIMS.