January 7, 2021

Port Washington Water District
PWS ID No. NY2912267
MCL Deferral for 1,4-dioxane
Quarterly Report – First Quarter 2021

Introduction

On behalf of the Port Washington Water District (PWWD or District), D&B Engineers and Architects (D&B) has prepared this document in accordance with the requirements of the New York State Department of Health (NYSDOH) for public water suppliers who have been granted deferrals from maximum contaminant level (MCL) violations for 1,4-dioxane. The District was granted an MCL deferral for 1,4-dioxane in 2020. The PWWD was granted a deferral because it has been proactive in its efforts to establish and implement an action plan for managing the above-referenced compounds.

The enclosed is a report describing the PWWD's progress towards maintaining the highest quality of water for our customers and meeting the deadlines set forth in the deferral approval. Updated schedules for each project are contained in **Attachment A**.

Corrective Action Plan Milestones

Hewlett Well 4

The Hewlett Well 4 AOP project is currently approaching the end of the design phase, which is expected to be complete by the end of January 2021. The design documents must undergo review by the local and state health departments. Once this review is completed, construction can begin. The project is on schedule, with the construction contract on track to begin in May 2021, which allows for the necessary time for the regulatory agencies to review the design documents.

This past quarter, the Basis of Design Report (BODR) submitted by the PWWD to the Nassau County and New York State Departments of Health (NCDH and NYSDOH, respectively) was approved, as was the pilot study report for this project.

Although it has been granted a deferral, the PWWD was able to avoid or minimize the usage of this well.

Christopher Morley Park Station

The Christopher Morley Park Wells 8, 9, and 11 AOP project is currently in the design phase. The BODR is on schedule to be submitted in March of 2021. Pilot test field activities were completed in November of 2020 and data is currently being analyzed.

This past quarter, the District officially completed the parkland alienation process that was necessary to obtain control (via easement) of the land on which the new facility is going to be constructed. Now that the land is within the PWWD's control, detailed design can proceed.

Of the three (3) wells at this facility, the only one that has exhibited an MCL violation for 1,4-dioxane is Well 9. Although it has been granted a deferral, the PWWD was able to avoid or minimize the usage of this well.

Stonytown Well 10

The Stonytown Well 10 AOP project is currently in the design phase. The BODR and Pilot Study Report were finalized and submitted for regulatory review. Components of the detailed design of the facility are being advanced concurrently.

This past quarter, significant progress was made in coordinating design of the building in which the treatment equipment is going to be housed, as well as finalizing the conceptual design plans for the facility.

Although it has been granted a deferral, the PWWD was able to avoid or minimize the usage of this well.

Public Notification

In accordance with the terms of the deferral, the PWWD notified the public of its MCL deferral in multiple ways. A link to the public notification document provided by the NYSDOH was posted on the District website and a postcard with a direct URL link to this document was sent out to all District customers. In addition, a press release informing the public of the deferral was released to the local paper and a public meeting with local officials was held via Zoom on December 11, 2020. Documentation of such contact is contained in **Attachment B**.

Analytical Sampling

Sample results for the wells for which deferrals were granted (Hewlett Well 4, Christopher Morley Park Wells 8, 9, and 11, and Stonytown Well 10) taken during the fourth quarter of 2020 are contained in the below tables. Full laboratory reports for each sample are contained in **Attachment C**.

1,4-dioxane (ppb)

Well	Date			
	Sept. 2020		Oct. 2020	Nov. 2020
Hewlett Well 4 (N-2052)	0.94		0.80	0.97
Christopher Morley Park Well 8 (N-7551)	NS		0.45	NS
Christopher Morley Park Well 9 (N-7552)	4.5		4.3	3.7
Christopher Morley Park Well 11 (N-13510)	NS		0.25	NS
Stonytown Well 10 (N-9809)	0.81	0.77	0.70	0.76
	0.78	0.74		

NS = Not Sampled

Conclusion

As demonstrated above, the Port Washington Water District is actively working to preserve the quality of water for its customers and comply with the requirements put forth by the NYSDOH. The District looks forward to continuing to work towards completion of its treatment facilities.

Should you have any questions, please contact the District at 516-767-0171 or visit the website, www.pwwd.org.

Very truly yours,

Board of Commissioners
Port Washington Water District

Enclosures
cc: K. Wheeler (NYSDOH)
B. Rogers (NYSDOH)
W. Provoncha (NCDH)
P. Young (NCDH)
R. Putnam (NCDH)
T. Vacchio (PWWD)
W. Merklin (D&B)
M. Savarese (D&B)

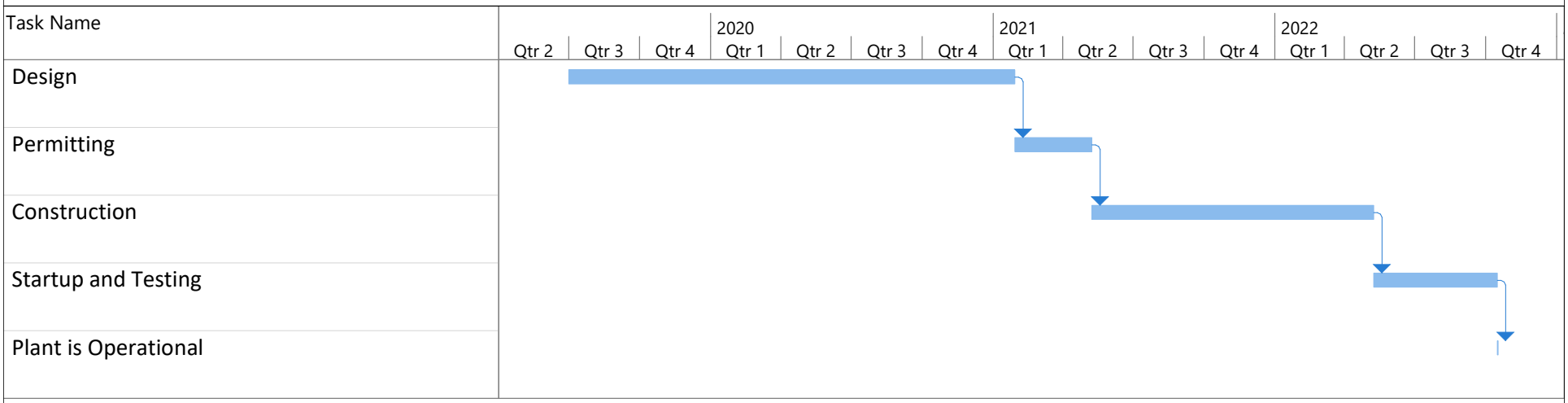
ATTACHMENT A

Port Washington Water District

Project Schedules Associated with MCL Deferral

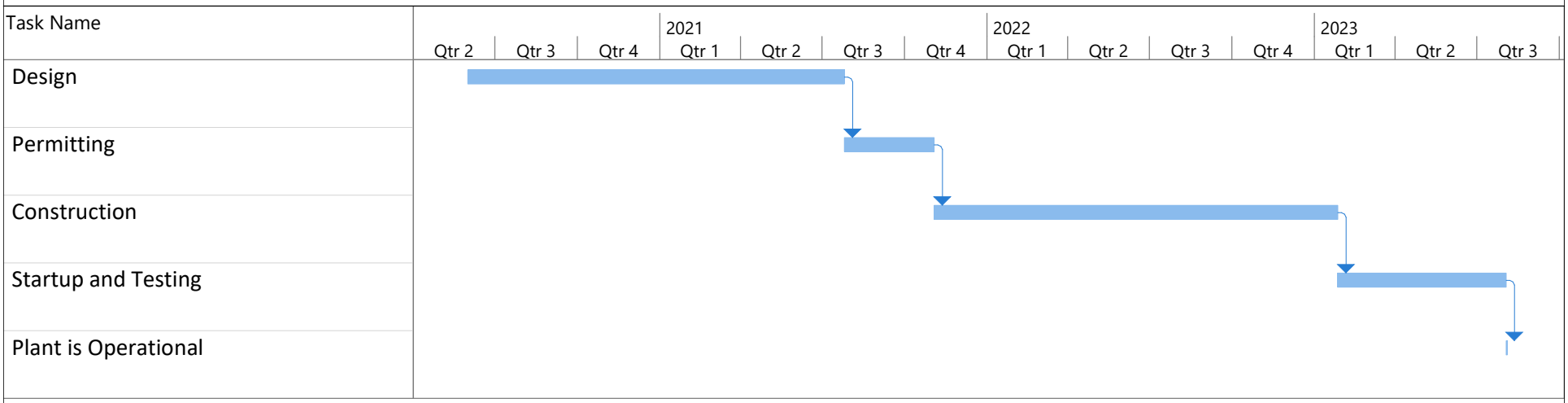
Port Washington Water District
MCL Deferral

Hewlett Well 4
AOP Project Schedule



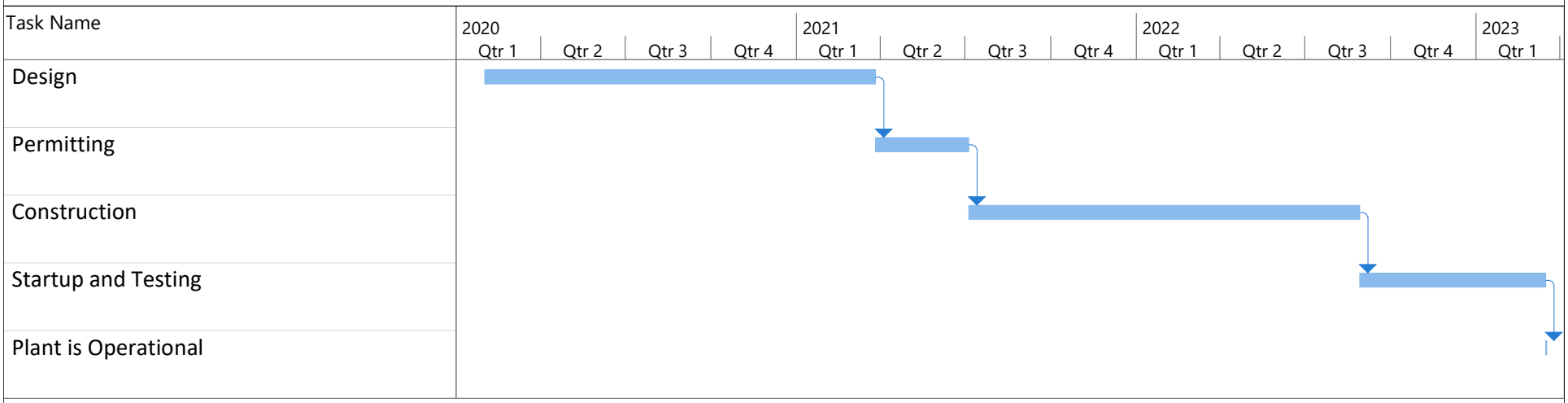
Port Washington Water District
MCL Deferral

Christopher Morley Park Station
AOP Project Schedule



Port Washington Water District
MCL Deferral

Stonytown Well 10
AOP Project Schedule



ATTACHMENT B

PORT WASHINGTON WATER DISTRICT
ESTABLISHED 1913

The Port Washington Water District has been granted a compliance deferral by the New York State Department of Health for recently created 1,4-dioxane regulations.

Prepare for 20% Irrigation Reduction this Summer!

To learn more about what this compliance deferral means, impacts on summer irrigation (see back) and the proactive steps the District has and continues to take to address the detections of these contaminants, please visit www.pwwd.org/deferral. You can also call (516) 767-0171 or email info@pwwd.org to obtain a paper copy of the deferral notification.

Prepare to Reduce Irrigation in 2021

In order to meet the water needs of our community during the hotter months while simultaneously taking wells offline and constructing the treatment systems necessary to address emerging contaminants, the Port Washington community will be required to reduce irrigation usage by 20%.

New requirements will impact the time of day watering is permitted and the number of minutes sprinklers can operate. We are alerting you now to provide plenty of time to prepare, advise contractors and consider applying for a smart irrigation controller rebate. Detailed instructions, along with tools and resources, are posted at: www.pwwd.org/conservation and will be mailed to all residents this winter.

Thank you for your important preparation and compliance.

Port Washington Water District
38 Sandy Hollow Road
Post Office Box 432
Port Washington, NY 11050

Tel: (516) 767-0171
Fax: (516) 767-1145
www.pwwd.org

Commissioners:
David R. Brackett, Chairman
Peter Meyer, Secretary
Mindy Germain, Treasurer

Superintendent:
Italo J. Vacchio

Board Meetings:
Every Wednesday at 8:00 a.m.
All meetings are held at the District Office unless otherwise announced.

Business Hours:
8:00 a.m. to 4:00 p.m., weekdays

24-Hour Emergency Number:
(516) 767-0171

Member:
- American Water Works Association
- Nassau Suffolk Water Commissioners' Association
- Long Island Water Conference

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Port Washington Water District

(516) 767-0171 | Email |

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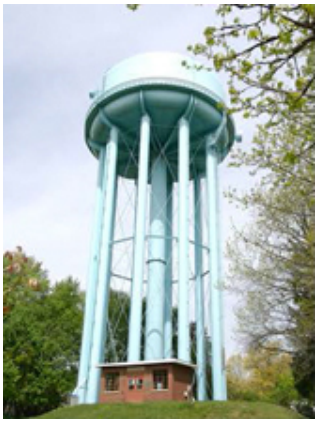
CURRENT PROJECTS

CONSERVATION

WATER QUALITY

BILLING

Welcome to the Port Washington Water District Website



1,4 Dioxane Deferral (click here for PDF)

The PWWD's goal is to keep impacted wells off-line by requiring the community to reduce irrigation by 20% while we work aggressively to get the needed treatment systems up and running. The compliance deferral is a proactive measure that will be reserved only for long stretches of hot, dry weather and/or emergency circumstances. Accomplishing this goal requires aggressive conservation participation from our residents.

Urgent News About COVID-19 (Coronavirus)

The mission of the Port Washington Water District centers on the understanding, appreciation and management of water, Earth's greatest natural resource. Our concerns for the present and the future are global in nature, and the issue of sustainability of the sole source aquifer in our community is our prime and immediate priority.

Our goal is to provide our customers with an uninterrupted supply of the highest quality water possible. We are fully committed to providing exemplary service 24 hours a day, while maintaining exceptionally low water rates.

Our website is designed to provide our customers with the latest district news and information, water quality reports, education, conservation tips, emergency notifications, budgets and more.

Business Hours: 8:00 AM to 4:00 PM, Weekdays

Board Meetings: Held every Wednesday at 8:00 AM. In the event that a regularly scheduled meeting needs to be changed, or an evening meeting needs to be scheduled for statutory or resident needs, a notice shall be posted in advance at the District Business Office. All meetings are at the District Office unless otherwise announced.

To call in to Board Meetings, use the following information:
Access Number: 1-646-307-1479
Guest Passcode: 366435

LEARN MORE

FACT SHEETS

SIGN UP FOR EMAIL UPDATES

Latest News

Port Washington Water District Receives Compliance Deferral from State For Installation of Emerging Contaminant Treatment

December 16, 2020

State grants extension allowing for needed time to construct 1,4-dioxane treatment systems Prepare to reduce irrigation 20% to meet District's goal of keeping impacted wells more

Commissioner Election December 8, 2020

September 29, 2020

Board of Commissioner Election December 8, 2020

Information Sessions on Emerging Contaminants

July 20, 2020

The Port Washington Water District (PWWD) is seeking to build an additional treatment facility at the Christopher Morley Parkwell well site. Approval for the land use more

REMINDER- NEW MANDATORY IRRIGATION RULES

July 2, 2020

The Port Washington Water District has implemented new mandatory irrigation rules for 2020. Mandatory 2020 Conservation Guidelines

Urgent News About COVID-19 (Coronavirus)

May 11, 2020

The spread of the coronavirus represents an unprecedented situation. The Port Washington Water District has been proactive in addressing the situation and adhering to the conditions of more

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER
Deferral Issued for 1,4-Dioxane in the Port Washington Water District

Why are you receiving this notice/information?

You are receiving this notice because testing of our public water system found the chemical 1,4-Dioxane in your drinking water above New York State's maximum contaminant level (MCL) of 1 ppb for 1,4-dioxane*. The MCLs are set well below levels known to cause health effects in animal studies. Therefore, consuming water with 1,4-dioxane at the level detected does not pose a significant health risk. Your water continues to be acceptable for all uses.

The Port Washington Water District has submitted, and the New York State Department of Health (Department) has issued, a deferral to the Port Washington Water District. When a public water system is issued a deferral, the water system agrees to a schedule for corrective action and compliance with the new MCLs. In exchange, the Department agrees to defer enforcement actions, such as assessing fines, if the water district is meeting the established deadlines. We are required to update the Department and the Nassau County Department of Health each calendar quarter on the status of our projects. If we do not meet the agreed upon deadlines, the Department can resume enforcement.

What are the health effects of 1,4-dioxane?

Laboratory studies show that 1,4-dioxane caused liver cancer in animals exposed at high levels throughout their lifetime. Other types of cancer have also been reported, although less consistently than liver cancer. There is no evidence of 1,4-dioxane cancer effects in humans. The United States Environmental Protection Agency considers 1,4-dioxane a likely human carcinogen based upon studies of animals exposed to high levels of this chemical over their entire lifetimes.

At the level of 1,4-dioxane detected in your water, exposure from drinking water and food preparation is well below 1,4-dioxane exposures associated with health effects.

What is New York State doing about 1,4-Dioxane in public drinking water?

The New York State Department of Health (NYS DOH) has adopted a drinking water regulation that requires all public water systems to test for 1,4-dioxane. If found above the MCLs, the water supplier must take steps to lower the level to meet the standard. Exceedances of the MCL signal that steps should be taken by the water system to reduce contaminant levels.

What is being done to remove these contaminants?

The Port Washington Water District has prepared and implemented an action plan which includes: designing and constructing Advanced Oxidation Process (AOP) treatment systems for the removal of 1,4-Dioxane, mandatory water conservation

measures and irrigation limitations while impacted wells are offline for the construction of the new treatment systems, this compliance deferral is a proactive measure reserved for long periods of hot, dry weather or emergency circumstances. Additional information will be shared as further testing and progress occurs. This process is similar for any chemical detected in public drinking water that requires mitigation. The compliance timetable will ensure that your drinking water will meet the MCL as rapidly as possible. The deferral is effective until August 25, 2022.

Where can I get more information?

For more information, please contact Italo J. Vacchio, Superintendent of the Port Washington Water District at (516) 767-0171 or tvacchio@pwwd.org. You can also contact the Nassau County Health Department at (516) 227-9692.

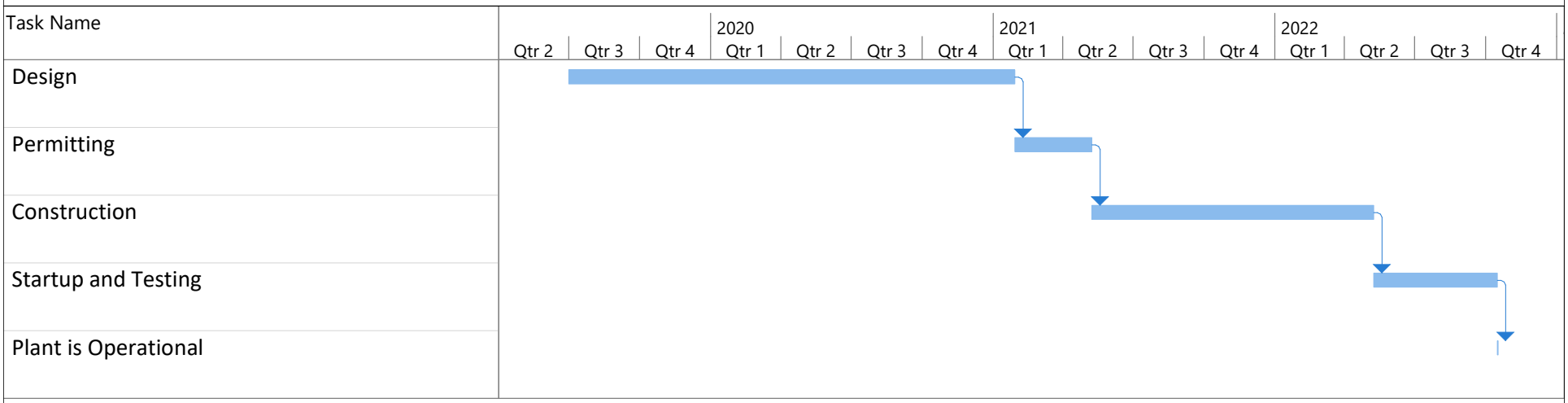
If you have additional questions about these contaminants and your health, talk to your health care provider who is most familiar with your health history and can provide advice and assistance about understanding how drinking water may affect your personal health.

*At this time, only one well is exhibiting levels of 1,4-dioxane above the MCL and it is currently offline (12/15/2020)

Public Water System ID# 2912267
Date: 12/15/20

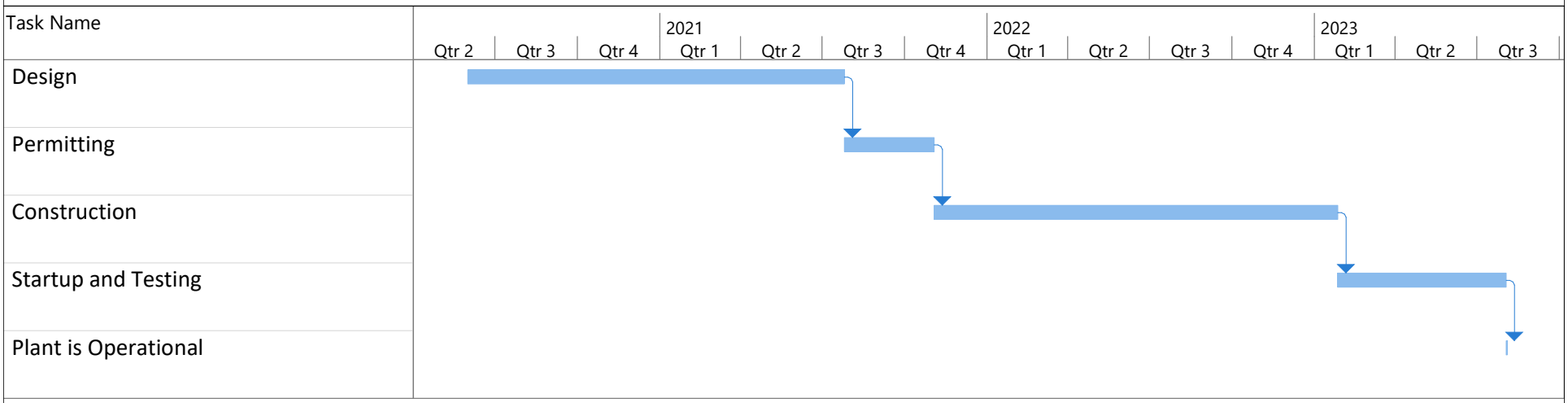
Port Washington Water District
MCL Deferral

Hewlett Well 4
AOP Project Schedule



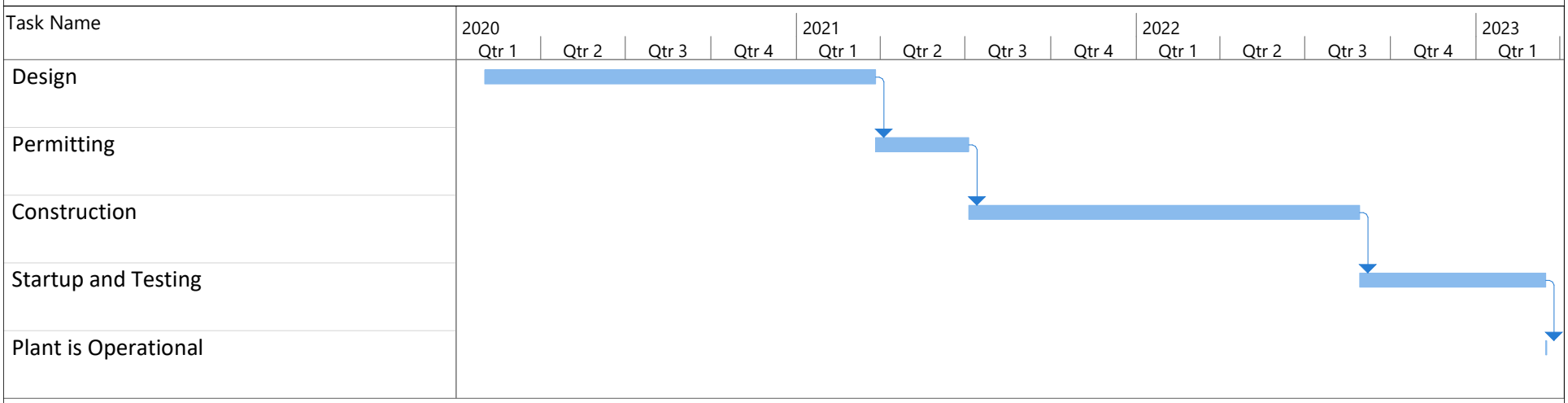
Port Washington Water District
MCL Deferral

Christopher Morley Park Station
AOP Project Schedule



Port Washington Water District
MCL Deferral

Stonytown Well 10
AOP Project Schedule



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Port Washington Water District

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Port Washington Water District Receives Compliance Deferral from State For Installation of Emerging Contaminant Treatment

Posted on December 16, 2020

State grants extension allowing for needed time to construct 1,4-dioxane treatment systems

Prepare to reduce irrigation 20% to meet District's goal of keeping impacted wells offline until treatment is completed

The Port Washington Water District (PWWD) has received a compliance deferral from New York State, which will allow the District the needed time to design and construct the treatment systems to remove 1,4-dioxane. The State will only grant the two-year compliance deferral to water providers that have an action plan to construct advanced oxidation process (AOP) treatment system, which is required to meet the State's new maximum contaminant level (MCL) for 1,4-dioxane.

"The District's goal is to keep the impacted wells offline by requiring the community to reduce irrigation by 20% while we work aggressively to get the needed treatment systems up and running," stated David Brackett, Chairman of the PWWD. "The compliance deferral is a proactive measure reserved for extreme weather or emergency circumstances. However, if we are to meet the water needs of our community during the hotter months—while simultaneously keeping wells offline to construct required treatment—the Port Washington community must reduce irrigation usage by 20 percent."

On August 26, 2020, the New York State Health Department finalized regulations establishing MCLs for 1,4-dioxane at 1 part per billion (ppb). Currently, three of the District's 12 supply wells have had detections of 1,4-dioxane at or above 1 part per billion. According to the New York State Health Department, "The MCLs are set well below levels known to cause health effects in animal studies. Therefore, consuming water with PFOA, PFOS or 1,4-dioxane at the level detected does not pose a significant health risk. Your water continues to be acceptable for all uses."

"Extensive analysis went into creating a water resource management plan for this summer that manages our limited capacity," stated Commissioner Mindy Germain. "It is important that residents start taking steps now to prepare to reduce irrigation."

"We are alerting you now to provide plenty of time to advise contractors, consider landscaping choices and consider applying for a smart irrigation controller rebate, stated Commissioner Peter Meyer.

A winter mailing will go out to all customers of the PWWD with detailed instructions to:

- Turn back watering times for each zone by four minutes as it will help save up to 20 percent on overall usage.
- Addresses that fall within a particular geographic zone are required to follow the time schedule for automatic irrigation system watering established within that specific zone (SEE MAP)
- Check for leaks or broken sprinkler heads that waste water unnecessarily.
- Ensure that irrigation clocks are adhering to Nassau County's Odd/Even Lawn Watering Ordinance (see next page for more details).
- Ensure automatic rain and soil moisture sensors are working properly.
- Consider installing a smart irrigation controller. The District has $150 rebates available to residents who make the switch.
- Make good landscaping choices, such as integration of native/drought resistant plans and xeriscaping, as this will lead to lower water usage.

To learn more about the compliance deferral and the proactive steps the District has and continues to take to address the detection of these contaminants, please visit www.pwwd.org. If you would like a printed copy of the deferral notice, please call the District at 516-767-0171 or send an email to info@pwwd.org. To access new irrigation requirements, as well as tools and resources, please visit www.pwwd.org/conservation.

MORE ABOUT THE TREATMENT:

AOP treatment, when coupled with granular activated carbon (GAC), is currently the only approved method in Nassau County to rid the water supply of 1,4-dioxane. This treatment combination is also capable of removing perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS), should detections of these contaminants ever near the State's new maximum contaminant levels (MCLs). AOP treatment works by mixing an oxidant, in this case hydrogen peroxide, with water and running it through ultraviolet light. This makes a chemical reaction that destroys the 1,4-dioxane molecules. The water then runs through the GAC filters which removes any remaining hydrogen peroxide and impurities prior to entering the public distribution system.

Download PDF

ATTACHMENT C

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Laboratory Report

Supt.Tal Vacchio
Port Washington W.D.
P.O. BOX 432
Port Washington, NY 11050

Report Date: 09/16/2020
Date Received: 09/01/2020

Project: POC/PFAS/1,4 DIOXANE 9/1
Pace Project No.: 70144113

Sample: N-05876 **Lab ID: 70144113001** Collected: 09/01/20 08:14 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 522	1,4-Dioxane (p-Dioxane)	**0.34**	ug/L	0.020	09/05/20 02:01	
EPA 524.2	Benzene	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	Bromobenzene	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	Bromochloromethane	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	Bromodichloromethane	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	Bromoform	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	Bromomethane	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	n-Butylbenzene	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	sec-Butylbenzene	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	tert-Butylbenzene	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	Carbon tetrachloride	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	Chlorobenzene	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	Chlorodifluoromethane	**<0.50**	ug/L	0.50	09/08/20 20:41	L1,N3
EPA 524.2	Chloroethane	**<0.50**	ug/L	0.50	09/08/20 20:41	L1
EPA 524.2	Chloroform	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	Chloromethane	**<0.50**	ug/L	0.50	09/08/20 20:41	L1
EPA 524.2	2-Chlorotoluene	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	4-Chlorotoluene	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	Dibromochloromethane	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	Dibromomethane	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	1,2-Dichlorobenzene	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	1,3-Dichlorobenzene	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	1,4-Dichlorobenzene	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	Dichlorodifluoromethane	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	1,1-Dichloroethane	**0.51**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	1,2-Dichloroethane	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	1,1-Dichloroethene	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	cis-1,2-Dichloroethene	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	trans-1,2-Dichloroethene	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	1,2-Dichloropropane	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	1,3-Dichloropropane	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	2,2-Dichloropropane	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	1,1-Dichloropropene	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	cis-1,3-Dichloropropene	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	trans-1,3-Dichloropropene	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	Ethylbenzene	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	Hexachloro-1,3-butadiene	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	Isopropylbenzene (Cumene)	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	p-Isopropyltoluene	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	Methylene Chloride	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	Methyl-tert-butyl ether	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	n-Propylbenzene	**<0.50**	ug/L	0.50	09/08/20 20:41	

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Sample: N-05876 **Lab ID: 70144113001** Collected: 09/01/20 08:14 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 524.2	Styrene	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	1,1,1,2-Tetrachloroethane	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	Tetrachloroethene	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	Toluene	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	Total Trihalomethanes (Calc.)	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	1,2,3-Trichlorobenzene	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	1,2,4-Trichlorobenzene	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	1,1,1-Trichloroethane	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	1,1,2-Trichloroethane	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	Trichloroethene	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	Trichlorofluoromethane	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	1,2,3-Trichloropropane	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	1,1,2-Trichlorotrifluoroethane	**<0.50**	ug/L	0.50	09/08/20 20:41	N3
EPA 524.2	1,2,4-Trimethylbenzene	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	1,3,5-Trimethylbenzene	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	Vinyl chloride	**<0.50**	ug/L	0.50	09/08/20 20:41	L1
EPA 524.2	m&p-Xylene	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 524.2	o-Xylene	**<0.50**	ug/L	0.50	09/08/20 20:41	
EPA 537	Perfluorobutanesulfonic acid	**<1.9**	ng/L	1.9	09/15/20 01:38	
EPA 537	Perfluoroheptanoic acid	**<1.9**	ng/L	1.9	09/15/20 01:38	
EPA 537	Perfluorohexanesulfonic acid	**<1.9**	ng/L	1.9	09/15/20 01:38	
EPA 537	Perfluorononanoic acid	**<1.9**	ng/L	1.9	09/15/20 01:38	
EPA 537	Perfluorooctanesulfonic acid	**<1.9**	ng/L	1.9	09/15/20 01:38	
EPA 537	Perfluorooctanoic acid	**2.5**	ng/L	1.9	09/15/20 01:38	

Sample: GAC-09809 **Lab ID: 70144113002** Collected: 09/01/20 09:12 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 522	1,4-Dioxane (p-Dioxane)	**0.81**	ug/L	0.020	09/05/20 02:21	
EPA 524.2	Benzene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	Bromobenzene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	Bromochloromethane	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	Bromodichloromethane	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	Bromoform	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	Bromomethane	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	n-Butylbenzene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	sec-Butylbenzene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	tert-Butylbenzene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	Carbon tetrachloride	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	Chlorobenzene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	Chlorodifluoromethane	**<0.50**	ug/L	0.50	09/08/20 20:15	L1,N3
EPA 524.2	Chloroethane	**<0.50**	ug/L	0.50	09/08/20 20:15	L1
EPA 524.2	Chloroform	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	Chloromethane	**<0.50**	ug/L	0.50	09/08/20 20:15	L1
EPA 524.2	2-Chlorotoluene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	4-Chlorotoluene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	Dibromochloromethane	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	Dibromomethane	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	1,2-Dichlorobenzene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	1,3-Dichlorobenzene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	1,4-Dichlorobenzene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	Dichlorodifluoromethane	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	1,1-Dichloroethane	**1.9**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	1,2-Dichloroethane	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	1,1-Dichloroethene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	cis-1,2-Dichloroethene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	trans-1,2-Dichloroethene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	1,2-Dichloropropane	**<0.50**	ug/L	0.50	09/08/20 20:15	

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Sample: GAC-09809 **Lab ID: 70144113002** Collected: 09/01/20 09:12 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 524.2	1,3-Dichloropropane	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	2,2-Dichloropropane	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	1,1-Dichloropropene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	cis-1,3-Dichloropropene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	trans-1,3-Dichloropropene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	Ethylbenzene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	Hexachloro-1,3-butadiene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	Isopropylbenzene (Cumene)	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	p-Isopropyltoluene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	Methylene Chloride	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	Methyl-tert-butyl ether	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	n-Propylbenzene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	Styrene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	1,1,1,2-Tetrachloroethane	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	Tetrachloroethene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	Toluene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	Total Trihalomethanes (Calc.)	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	1,2,3-Trichlorobenzene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	1,2,4-Trichlorobenzene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	1,1,1-Trichloroethane	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	1,1,2-Trichloroethane	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	Trichloroethene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	Trichlorofluoromethane	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	1,2,3-Trichloropropane	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	1,1,2-Trichlorotrifluoroethane	**<0.50**	ug/L	0.50	09/08/20 20:15	N3
EPA 524.2	1,2,4-Trimethylbenzene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	1,3,5-Trimethylbenzene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	Vinyl chloride	**<0.50**	ug/L	0.50	09/08/20 20:15	L1
EPA 524.2	m&p-Xylene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 524.2	o-Xylene	**<0.50**	ug/L	0.50	09/08/20 20:15	
EPA 537	Perfluorobutanesulfonic acid	**<1.9**	ng/L	1.9	09/15/20 02:16	
EPA 537	Perfluoroheptanoic acid	**<1.9**	ng/L	1.9	09/15/20 02:16	
EPA 537	Perfluorohexanesulfonic acid	**<1.9**	ng/L	1.9	09/15/20 02:16	
EPA 537	Perfluorononanoic acid	**<1.9**	ng/L	1.9	09/15/20 02:16	
EPA 537	Perfluorooctanesulfonic acid	**<1.9**	ng/L	1.9	09/15/20 02:16	
EPA 537	Perfluorooctanoic acid	**<1.9**	ng/L	1.9	09/15/20 02:16	

Sample: N-09809 **Lab ID: 70144113003** Collected: 09/01/20 09:02 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 522	1,4-Dioxane (p-Dioxane)	**0.81**	ug/L	0.020	09/05/20 02:59	
EPA 537	Perfluorobutanesulfonic acid	**<1.9**	ng/L	1.9	09/15/20 01:57	
EPA 537	Perfluoroheptanoic acid	**<1.9**	ng/L	1.9	09/15/20 01:57	
EPA 537	Perfluorohexanesulfonic acid	**2.2**	ng/L	1.9	09/15/20 01:57	
EPA 537	Perfluorononanoic acid	**<1.9**	ng/L	1.9	09/15/20 01:57	
EPA 537	Perfluorooctanesulfonic acid	**<1.9**	ng/L	1.9	09/15/20 01:57	
EPA 537	Perfluorooctanoic acid	**2.4**	ng/L	1.9	09/15/20 01:57	

ANALYTE QUALIFIERS

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.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Reviewed by: Stu Murrell

Stu Murrell
(631)694-3040
stu.murrell@pacelabs.com

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174
Alaska DEC- CS/UST/LUST
Alabama Certification #: 41320
Arizona Certification# AZ0819
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
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
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
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
Virginia Environmental Certification #: 460165
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

Pace Analytical Services Long Island

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

WO#: 70144113

70144113

Sample Request Form
PUBLIC WATER SUPPLIER

Date: 9-1-2020

Collected By: R. Mallon (B)

Accepted By: Scott Jacobell 9/1/20 10:43

Cooler Temp: 13.8 °C

☐ WELL OFF LINE

☑ WELL RUN TO SYSTEM

☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: Italo J. Vacchio, Superintendent

Address: Port Washington Water District
P.O. Box 432
38 Sandy Hollow Road
Port Washington, NY 11050

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.
9-1-20 0844	GW	Ricks Well N-05876	RW	O	RO			POC	OCI
9-1-20 0808	GW	Ricks Well 7 N-05876	RW	O	RO			pfas	/
9-1-20 0810	GW	Ricks Well 7 N-05876	RW	O	RO			Dioxane	

Remarks:

Pace Analytical®
www.pacelabs.com
575 Broad Hollow Rd., Melville, NY 11747
(631) 694-3040 Fax: (631) 420-8436

Sample Request Form
PUBLIC WATER SUPPLIER

Date: 9-1-2020
Collected By: R. Mallon
Accepted By: [illegible] (B) 9/1/20 10:43
Cooler Temp: 13.8 °C

☐ WELL OFF LINE
☑ WELL RUN TO SYSTEM
☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Client Info:
Name or Code: Italo J. Vacchio, Superintendent
Address: Port Washington Water District
P.O. Box 432
38 Sandy Hollow Road
Port Washington, NY 11050
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.
9-1-20 0912	GW	Stonytown 10 GAC-09809	TW	GAC	RO			POC	002
9-1-20 0907	GW	Stonytown 10 GAC-09809	TW	GAC	RO			PFAS	1
9-1-20 0910	GW	Stonytown 10 GAC-09809	TW	GAC	RO			Dioxane	1
9-1-20 0900	GW	Stonytown 10 N-09809	RW	O	RO			PFAS	003
9-1-20 0902	GW	Stonytown 10 N-09809	RW	O	RO			Dioxane	1

Remarks:

Pace Analytical

Sample Condition Upon Receipt

Client Name: Port Washington

Project

WO#: 70144113

PM: SWM **Due Date: 09/11/20**

CLIENT: PWW

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: +0.4

☐ Samples on ice, cooling process has begun

Cooler Temperature (°C): 13.8 Cooler Temperature Corrected (°C): 14.2

Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

Date and Initials of person examining contents: 9/1/20

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 (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:	☑ Yes	☐ No		1.
Chain of Custody Filled Out:	☑ Yes	☐ No		2.
Chain of Custody Relinquished:	☑ Yes	☐ No		3.
Sampler Name & Signature on COC:	☑ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time:	☑ Yes	☐ No		5.
Short Hold Time Analysis (<72hr):	☐ Yes	☑ No		6.
Rush Turn Around Time Requested:	☐ Yes	☑ No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☑ Yes	☐ No		8.
Correct Containers Used:	☑ Yes	☐ No		9.
-Pace Containers Used:	☑ Yes	☐ No		
Containers Intact:	☑ Yes	☐ No		10.
Filtered volume received for Dissolved tests	☐ Yes	☐ No	☑ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix SL WT OIL	☑ Yes	☐ No		12.
All containers needing preservation have been checked	☐ Yes	☐ No	☑ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot #				Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, 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	☐ Yes	☐ No	☑ N/A	Initial when completed: / Lot # of added preservative: / Date/Time preservative added
Samples checked for dechlorination:	☐ Yes	☐ No	☑ N/A	14.
KI starch test strips Lot #				Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #				
Headspace in VOA Vials (>6mm):	☐ Yes	☐ No	☑ N/A	15.
Trip Blank Present:	☐ Yes	☐ No	☑ N/A	16.
Trip Blank Custody Seals Present	☐ Yes	☐ No	☑ N/A	
Pace Trip Blank Lot # (if applicable):				

Field Data Required? Y / N

Client Notification/ Resolution: Date/Time:

Person Contacted:

Comments/ Resolution:

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

F-LI-C-002-rev.02

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Laboratory Report

Supt.Tal Vacchio
Port Washington W.D.
P.O. BOX 432
Port Washington, NY 11050

Report Date: 09/21/2020
Date Received: 09/09/2020

Project: 1,4/PFAS/504 9/9
Pace Project No.: 70145226

Sample: N-02052 **Lab ID: 70145226001** Collected: 09/09/20 08:05 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 504.1	1,2-Dibromo-3-chloropropane	**<0.010**	ug/L	0.010	09/15/20 20:37	
EPA 504.1	1,2-Dibromoethane (EDB)	**<0.010**	ug/L	0.010	09/15/20 20:37	
EPA 522	1,4-Dioxane (p-Dioxane)	**0.94**	ug/L	0.020	09/18/20 16:55	
EPA 537	Perfluorobutanesulfonic acid	**<1.9**	ng/L	1.9	09/17/20 04:41	
EPA 537	Perfluoroheptanoic acid	**2.8**	ng/L	1.9	09/17/20 04:41	
EPA 537	Perfluorohexanesulfonic acid	**3.2**	ng/L	1.9	09/17/20 04:41	
EPA 537	Perfluorononanoic acid	**44.0**	ng/L	1.9	09/17/20 04:41	
EPA 537	Perfluorooctanesulfonic acid	**7.8**	ng/L	1.9	09/17/20 04:41	
EPA 537	Perfluorooctanoic acid	**6.3**	ng/L	1.9	09/17/20 04:41	

Sample: GAC-02052 **Lab ID: 70145226002** Collected: 09/09/20 08:25 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 504.1	1,2-Dibromo-3-chloropropane	**<0.010**	ug/L	0.010	09/15/20 21:02	
EPA 504.1	1,2-Dibromoethane (EDB)	**<0.010**	ug/L	0.010	09/15/20 21:02	
EPA 522	1,4-Dioxane (p-Dioxane)	**0.96**	ug/L	0.020	09/18/20 17:35	
EPA 524.2	Benzene	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	Bromobenzene	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	Bromochloromethane	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	Bromodichloromethane	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	Bromoform	**<0.50**	ug/L	0.50	09/21/20 11:06	CL,L2
EPA 524.2	Bromomethane	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	n-Butylbenzene	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	sec-Butylbenzene	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	tert-Butylbenzene	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	Carbon tetrachloride	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	Chlorobenzene	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	Chlorodifluoromethane	**<0.50**	ug/L	0.50	09/21/20 11:06	N3
EPA 524.2	Chloroethane	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	Chloroform	**0.57**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	Chloromethane	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	2-Chlorotoluene	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	4-Chlorotoluene	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	Dibromochloromethane	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	Dibromomethane	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	1,2-Dichlorobenzene	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	1,3-Dichlorobenzene	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	1,4-Dichlorobenzene	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	Dichlorodifluoromethane	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	1,1-Dichloroethane	**1.1**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	1,2-Dichloroethane	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	1,1-Dichloroethene	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	cis-1,2-Dichloroethene	**<0.50**	ug/L	0.50	09/21/20 11:06	

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Sample: GAC-02052 **Lab ID: 70145226002** Collected: 09/09/20 08:25 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 524.2	trans-1,2-Dichloroethene	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	1,2-Dichloropropane	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	1,3-Dichloropropane	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	2,2-Dichloropropane	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	1,1-Dichloropropene	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	cis-1,3-Dichloropropene	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	trans-1,3-Dichloropropene	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	Ethylbenzene	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	Hexachloro-1,3-butadiene	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	Isopropylbenzene (Cumene)	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	p-Isopropyltoluene	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	Methylene Chloride	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	Methyl-tert-butyl ether	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	n-Propylbenzene	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	Styrene	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	1,1,1,2-Tetrachloroethane	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	Tetrachloroethene	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	Toluene	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	Total Trihalomethanes (Calc.)	**0.57**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	1,2,3-Trichlorobenzene	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	1,2,4-Trichlorobenzene	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	1,1,1-Trichloroethane	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	1,1,2-Trichloroethane	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	Trichloroethene	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	Trichlorofluoromethane	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	1,2,3-Trichloropropane	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	1,1,2-Trichlorotrifluoroethane	**<0.50**	ug/L	0.50	09/21/20 11:06	N3
EPA 524.2	1,2,4-Trimethylbenzene	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	1,3,5-Trimethylbenzene	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	Vinyl chloride	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	m&p-Xylene	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 524.2	o-Xylene	**<0.50**	ug/L	0.50	09/21/20 11:06	
EPA 537	Perfluorobutanesulfonic acid	**<1.8**	ng/L	1.8	09/17/20 05:00	
EPA 537	Perfluoroheptanoic acid	**<1.8**	ng/L	1.8	09/17/20 05:00	
EPA 537	Perfluorohexanesulfonic acid	**<1.8**	ng/L	1.8	09/17/20 05:00	
EPA 537	Perfluorononanoic acid	**<1.8**	ng/L	1.8	09/17/20 05:00	
EPA 537	Perfluorooctanesulfonic acid	**<1.8**	ng/L	1.8	09/17/20 05:00	
EPA 537	Perfluorooctanoic acid	**<1.8**	ng/L	1.8	09/17/20 05:00	

Sample: N-05209 **Lab ID: 70145226003** Collected: 09/09/20 08:40 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 522	1,4-Dioxane (p-Dioxane)	**0.028**	ug/L	0.020	09/18/20 17:55	
EPA 537	Perfluorobutanesulfonic acid	**<1.9**	ng/L	1.9	09/17/20 05:18	
EPA 537	Perfluoroheptanoic acid	**<1.9**	ng/L	1.9	09/17/20 05:18	
EPA 537	Perfluorohexanesulfonic acid	**3.2**	ng/L	1.9	09/17/20 05:18	
EPA 537	Perfluorononanoic acid	**<1.9**	ng/L	1.9	09/17/20 05:18	
EPA 537	Perfluorooctanesulfonic acid	**<1.9**	ng/L	1.9	09/17/20 05:18	
EPA 537	Perfluorooctanoic acid	**3.5**	ng/L	1.9	09/17/20 05:18	

Sample: AS-05209 **Lab ID: 70145226004** Collected: 09/09/20 08:52 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 524.2	Benzene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	Bromobenzene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	Bromochloromethane	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	Bromodichloromethane	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	Bromoform	**0.58**	ug/L	0.50	09/21/20 11:32	CL,L2
EPA 524.2	Bromomethane	**<0.50**	ug/L	0.50	09/21/20 11:32	

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Sample: AS-05209 **Lab ID: 70145226004** Collected: 09/09/20 08:52 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 524.2	n-Butylbenzene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	sec-Butylbenzene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	tert-Butylbenzene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	Carbon tetrachloride	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	Chlorobenzene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	Chlorodifluoromethane	**<0.50**	ug/L	0.50	09/21/20 11:32	N3
EPA 524.2	Chloroethane	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	Chloroform	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	Chloromethane	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	2-Chlorotoluene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	4-Chlorotoluene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	Dibromochloromethane	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	Dibromomethane	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	1,2-Dichlorobenzene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	1,3-Dichlorobenzene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	1,4-Dichlorobenzene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	Dichlorodifluoromethane	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	1,1-Dichloroethane	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	1,2-Dichloroethane	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	1,1-Dichloroethene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	cis-1,2-Dichloroethene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	trans-1,2-Dichloroethene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	1,2-Dichloropropane	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	1,3-Dichloropropane	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	2,2-Dichloropropane	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	1,1-Dichloropropene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	cis-1,3-Dichloropropene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	trans-1,3-Dichloropropene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	Ethylbenzene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	Hexachloro-1,3-butadiene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	Isopropylbenzene (Cumene)	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	p-Isopropyltoluene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	Methylene Chloride	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	Methyl-tert-butyl ether	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	n-Propylbenzene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	Styrene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	1,1,1,2-Tetrachloroethane	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	Tetrachloroethene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	Toluene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	Total Trihalomethanes (Calc.)	**0.58**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	1,2,3-Trichlorobenzene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	1,2,4-Trichlorobenzene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	1,1,1-Trichloroethane	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	1,1,2-Trichloroethane	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	Trichloroethene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	Trichlorofluoromethane	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	1,2,3-Trichloropropane	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	1,1,2-Trichlorotrifluoroethane	**<0.50**	ug/L	0.50	09/21/20 11:32	N3
EPA 524.2	1,2,4-Trimethylbenzene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	1,3,5-Trimethylbenzene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	Vinyl chloride	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	m&p-Xylene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 524.2	o-Xylene	**<0.50**	ug/L	0.50	09/21/20 11:32	
EPA 537	Perfluorobutanesulfonic acid	**<1.9**	ng/L	1.9	09/17/20 05:36	
EPA 537	Perfluoroheptanoic acid	**<1.9**	ng/L	1.9	09/17/20 05:36	
EPA 537	Perfluorohexanesulfonic acid	**3.2**	ng/L	1.9	09/17/20 05:36	
EPA 537	Perfluorononanoic acid	**<1.9**	ng/L	1.9	09/17/20 05:36	

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Sample: AS-05209 **Lab ID: 70145226004** Collected: 09/09/20 08:52 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 537	Perfluorooctanesulfonic acid	**<1.9**	ng/L	1.9	09/17/20 05:36	
EPA 537	Perfluorooctanoic acid	**3.8**	ng/L	1.9	09/17/20 05:36	

Sample: AS-8/9/11 **Lab ID: 70145226005** Collected: 09/09/20 11:30 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 522	1,4-Dioxane (p-Dioxane)	**1.6**	ug/L	0.020	09/18/20 18:15	
EPA 524.2	Benzene	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	Bromobenzene	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	Bromochloromethane	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	Bromodichloromethane	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	Bromoform	**<0.50**	ug/L	0.50	09/21/20 11:58	CL,L2
EPA 524.2	Bromomethane	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	n-Butylbenzene	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	sec-Butylbenzene	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	tert-Butylbenzene	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	Carbon tetrachloride	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	Chlorobenzene	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	Chlorodifluoromethane	**<0.50**	ug/L	0.50	09/21/20 11:58	N3
EPA 524.2	Chloroethane	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	Chloroform	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	Chloromethane	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	2-Chlorotoluene	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	4-Chlorotoluene	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	Dibromochloromethane	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	Dibromomethane	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	1,2-Dichlorobenzene	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	1,3-Dichlorobenzene	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	1,4-Dichlorobenzene	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	Dichlorodifluoromethane	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	1,1-Dichloroethane	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	1,2-Dichloroethane	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	1,1-Dichloroethene	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	cis-1,2-Dichloroethene	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	trans-1,2-Dichloroethene	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	1,2-Dichloropropane	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	1,3-Dichloropropane	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	2,2-Dichloropropane	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	1,1-Dichloropropene	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	cis-1,3-Dichloropropene	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	trans-1,3-Dichloropropene	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	Ethylbenzene	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	Hexachloro-1,3-butadiene	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	Isopropylbenzene (Cumene)	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	p-Isopropyltoluene	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	Methylene Chloride	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	Methyl-tert-butyl ether	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	n-Propylbenzene	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	Styrene	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	1,1,1,2-Tetrachloroethane	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	Tetrachloroethene	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	Toluene	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	Total Trihalomethanes (Calc.)	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	1,2,3-Trichlorobenzene	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	1,2,4-Trichlorobenzene	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	1,1,1-Trichloroethane	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	1,1,2-Trichloroethane	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	Trichloroethene	**<0.50**	ug/L	0.50	09/21/20 11:58	

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Sample: AS-8/9/11 **Lab ID: 70145226005** Collected: 09/09/20 11:30 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 524.2	Trichlorofluoromethane	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	1,2,3-Trichloropropane	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	1,1,2-Trichlorotrifluoroethane	**<0.50**	ug/L	0.50	09/21/20 11:58	N3
EPA 524.2	1,2,4-Trimethylbenzene	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	1,3,5-Trimethylbenzene	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	Vinyl chloride	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	m&p-Xylene	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 524.2	o-Xylene	**<0.50**	ug/L	0.50	09/21/20 11:58	
EPA 537	Perfluorobutanesulfonic acid	**<1.9**	ng/L	1.9	09/18/20 22:10	
EPA 537	Perfluoroheptanoic acid	**2.4**	ng/L	1.9	09/18/20 22:10	
EPA 537	Perfluorohexanesulfonic acid	**3.3**	ng/L	1.9	09/18/20 22:10	
EPA 537	Perfluorononanoic acid	**2.7**	ng/L	1.9	09/18/20 22:10	
EPA 537	Perfluorooctanesulfonic acid	**3.7**	ng/L	1.9	09/18/20 22:10	
EPA 537	Perfluorooctanoic acid	**6.0**	ng/L	1.9	09/18/20 22:10	

Sample: N-07552 **Lab ID: 70145226006** Collected: 09/09/20 11:25 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 522	1,4-Dioxane (p-Dioxane)	**4.5**	ug/L	0.040	09/21/20 11:00	
EPA 537	Perfluorobutanesulfonic acid	**<1.9**	ng/L	1.9	09/18/20 21:51	
EPA 537	Perfluoroheptanoic acid	**2.7**	ng/L	1.9	09/18/20 21:51	
EPA 537	Perfluorohexanesulfonic acid	**3.5**	ng/L	1.9	09/18/20 21:51	
EPA 537	Perfluorononanoic acid	**5.4**	ng/L	1.9	09/18/20 21:51	
EPA 537	Perfluorooctanesulfonic acid	**5.1**	ng/L	1.9	09/18/20 21:51	
EPA 537	Perfluorooctanoic acid	**6.8**	ng/L	1.9	09/18/20 21:51	

ANALYTE QUALIFIERS

CL	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.
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.
S0	Surrogate recovery outside laboratory control limits.

Reviewed by: Stu Murrell

Stu Murrell
(631)694-3040
stu.murrell@pacelabs.com

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174
Alaska DEC- CS/UST/LUST
Alabama Certification #: 41320
Arizona Certification# AZ0819
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
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
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
New Hampshire Certification #: 2958
New Jersey Certification #: FL022
New York Certification #: 11608
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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
Virginia Environmental Certification #: 460165

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Pace Analytical Services Ormond Beach

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

Pace Analytical Services Long Island

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

WO#: 70145226

70145226

Sample Request Form
PUBLIC WATER SUPPLIER

Date: 9-9-2020

Collected By: R. Mallon

Accepted By: HC

Cooler Temp: 3.9 °C

9/9/20 17:50 (B)

☐ WELL OFF LINE

☑ WELL RUN TO SYSTEM

☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: Italo J. Vacchio, Superintendent
~~Port Washington Water District~~

Address: ~~P.O. Box 432~~
~~38 Sandy Hollow Road~~
~~Port Washington, NY 11050~~

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.
9-9-20 0805	GW	Hewlett 4 N-02052	RW	O	RO			Dioxane	001
9-9-20 0810	GW	Hewlett 4 N-02052	RW	O	RO			pfas	|
9-9-20 0814	GW	Hewlett 4 N-02052	RW	O	RO			Method 504	|
9-9-20 0845	GW	Hewlett 4 N-02052	RW	O	RO			SOC	
9-9-20 0822	GW	Hewlett 4 GAC-02052	TW	GAC	RO			Dioxane	002
9-9-20 0820	GW	Hewlett 4 GAC-02052	TW	GAC	RO			pfas	|
9-9-20 0825	GW	Hewlett 4 GAC-02052	TW	GAC	RO			Method 504	|
9-9-20 0830	GW	Hewlett 4 GAC-02052	TW	GAC	RO			POC	|

Remarks:

Pace Analytical®
www.pacelabs.com
575 Broad Hollow Rd., Melville, NY 11747
(631) 694-3040 Fax: (631) 420-8436

Sample Request Form
PUBLIC WATER SUPPLIER

Date: 9-9-2020
Collected By: R. Mellon
Accepted By: HoC
Cooler Temp: 3.9 °C
9/9/20 12:50 (B)

☐ WELL OFF LINE _____
☑ WELL RUN TO SYSTEM _____
☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: Italo J. Vacchio, Superintendent
Address: Port Washington Water District
P.O. Box 432
38 Sandy Hollow Road
Port Washington, NY 11050
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.
9-9-20 0942	GW	Bar Beach 6 N-05209	RW	O	RO			Dioxane	003
9.9.20 0940	GW	Bar Beach 6 N-05209	RW	O	RO			pfas	|
9.9.20 1005	GW	Bar Beach 6 N-05209	RW	O	RO			SOC	
9.9.20 0952	GW	Bar Beach 6 AS-05209	TW	AST	RO			poc	004
9.9.20 0950	GW	Bar Beach 6 AS-05209	TW	AST	RO			pfas	|

Remarks:

WO#: 70145226
PM: SWM Due Date: 09/18/20
CLIENT: PWW

Sample Request Form
PUBLIC WATER SUPPLIER

Date: 9-9-2020
Collected By: R. Mallon
Accepted By: [illegible]
Cooler Temp: 3.9 °C
9/9/20 12:50 (B)

☐ WELL OFF LINE
☑ WELL RUN TO SYSTEM
☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Client Info:
Name or Code: Italo J. Vacchio, Superintendent
Address: Port Washington Water District
P.O. Box 432
38 Sandy Hollow Road
Port Washington, NY 11050
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.
9-9-20 1130	GW	Morley 8,9+11 AS 8/9/11	TW	AST	RO			POC	005
9-9-20 1127	GW	Morley 8,9+11 AS 8/9/11	TW	AST	RO			pfas	|
9-9-20 1128	GW	Morley 8,9+11 AS 8/9/11	TW	AST	RO			Dioxane	|

Remarks:

Pace Analytical®
www.pacelabs.com
575 Broad Hollow Rd., Melville, NY 11747
(631) 694-3040 Fax: (631) 420-8436

Sample Request Form
PUBLIC WATER SUPPLIER

Date: 9-9-20
Collected By: R. Mellon
Accepted By: [illegible]
Cooler Temp: 3.9 °C
9/9/20 12:50 (B)

☐ WELL OFF LINE
☑ WELL RUN TO SYSTEM
☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Client Info:
Name or Code: Italo J. Vacchio, Superintendent
Address: Port Washington Water District
P.O. Box 432
38 Sandy Hollow Road
Port Washington, NY 11050
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.
9-9-20 1125	GW	Morley 9 N-07552	RW	O	RO			Dioxane	006
9-9-20 1125	GW	Morley 9 N-07552	RW	O	RO			pfas	1

Remarks:

Pace Analytical

Sample Condition Upon Receipt

WO#: 70145226
PM: SWM **Due Date: 09/18/20**
CLIENT: PWW

Client Name: PWW

Proj

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: +0.4 ☐ Samples on ice, cooling process has begun

Cooler Temperature (°C): 3.9 Cooler Temperature Corrected (°C): 4.3 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: 9/9/20 SP

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:	☑ Yes	☐ No		1.
Chain of Custody Filled Out:	☑ Yes	☐ No		2.
Chain of Custody Relinquished:	☑ Yes	☐ No		3.
Sampler Name & Signature on COC:	☑ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time:	☑ Yes	☐ No		5.
Short Hold Time Analysis (<72hr):	☐ Yes	☑ No		6.
Rush Turn Around Time Requested:	☐ Yes	☑ No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☑ Yes	☐ No		8.
Correct Containers Used:	☑ Yes	☐ No		9.
-Pace Containers Used:	☑ Yes	☐ No		
Containers Intact:	☑ Yes	☐ No		10.
Filtered volume received for Dissolved tests	☐ Yes	☐ No	☑ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☑ Yes	☐ No		12.
-Includes date/time/ID/Analysis Matrix SL WT OIL				
All containers needing preservation have been checked	☐ Yes	☐ No	☑ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot #				
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)	☐ Yes	☐ No	☑ N/A	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:	☐ Yes	☐ No	☑ N/A	14.
KI starch test strips Lot #				
Residual chlorine strips Lot #				Positive for Res. Chlorine? Y N
Headspace in VOA Vials (>6mm):	☐ Yes	☑ No	☐ N/A	15.
Trip Blank Present:	☐ Yes	☑ No	☐ N/A	16.
Trip Blank Custody Seals Present	☐ Yes	☐ No	☑ 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.

F-LI-C-002-rev.02

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Laboratory Report

Supt.Tal Vacchio
Port Washington W.D.
P.O. BOX 432
Port Washington, NY 11050

Report Date: 09/21/2020
Date Received: 09/14/2020

Project: 1,4 DIOXANE 9/14
Pace Project No.: 70145723

Sample: N-09809 **Lab ID: 70145723001** Collected: 09/14/20 08:25 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 522	1,4-Dioxane (p-Dioxane)	**0.77**	ug/L	0.020	09/19/20 04:42	

Reviewed by: Stu Murrell
Stu Murrell
(631)694-3040
stu.murrell@pacelabs.com

Pace Analytical Services Long Island
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

WO#: 70145723

70145723

Sample Request Form
PUBLIC WATER SUPPLIER

Return to Lab 9/14/20 1405

Date: 9-14-20

Collected By: R. Mellon

Accepted By: [signature] 9/14/20 1250

Cooler Temp: 2.9 °C

☐ WELL OFF LINE

☒ WELL RUN TO SYSTEM

☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: Italo J. Vacchio, Superintendent

Address: Port Washington Water District
P.O. Box 432
38 Sandy Hollow Road
Port Washington, NY 11050

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.
9-14-20 0825	GW	N-09809 StonyTown 10	RW	O	S			1.4 Dioxane	

Remarks:

Pace Analytical

Sample Condition Upon Receipt

Proje

WO#: 70145723

PM: SWM **Due Date: 09/24/20**

CLIENT: PWW

Client Name: PWW

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: +0.4

☐ Samples on ice, cooling process has begun

Cooler Temperature (°C): 2.9 Cooler Temperature Corrected (°C): 3.3

Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

Date and Initials of person examining contents: 9/14/20 SP

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 (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:	☑ Yes	☐ No		1.
Chain of Custody Filled Out:	☑ Yes	☐ No		2.
Chain of Custody Relinquished:	☑ Yes	☐ No		3.
Sampler Name & Signature on COC:	☑ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time:	☑ Yes	☐ No		5.
Short Hold Time Analysis (<72hr):	☐ Yes	☑ No		6.
Rush Turn Around Time Requested:	☐ Yes	☑ No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☑ Yes	☐ No		8.
Correct Containers Used:	☑ Yes	☐ No		9.
-Pace Containers Used:	☑ Yes	☐ No		
Containers Intact:	☑ Yes	☐ No		10.
Filtered volume received for Dissolved tests	☐ Yes	☐ No	☑ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☑ Yes	☐ No		12.
-Includes date/time/ID/Analysis Matrix SL WT OIL				
All containers needing preservation have been checked	☐ Yes	☐ No	☑ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot #				Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NaOH>12 Cyanide)	☐ Yes	☐ No	☑ 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:	☐ Yes	☐ No	☑ N/A	14.
KI starch test strips Lot #				Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #				
Headspace in VOA Vials (>6mm):	☐ Yes	☐ No	☑ N/A	15.
Trip Blank Present:	☐ Yes	☐ No	☑ N/A	16.
Trip Blank Custody Seals Present	☐ Yes	☐ No	☑ N/A	
Pace Trip Blank Lot # (if applicable):				

Field Data Required? Y / N

Client Notification/ Resolution:

Date/Time:

Person Contacted:

Comments/ Resolution:

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

F-LI-C-002-rev.02

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Laboratory Report

Supt.Tal Vacchio
Port Washington W.D.
P.O. BOX 432
Port Washington, NY 11050

Report Date: 09/29/2020
Date Received: 09/21/2020

Project: 1,4 DIOXANE 9/21
Pace Project No.: 70146658

Sample: N-09809 **Lab ID: 70146658001** Collected: 09/21/20 09:30 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 522	1,4-Dioxane (p-Dioxane)	**0.78**	ug/L	0.020	09/25/20 20:08	

Reviewed by: Stu Murrell
Stu Murrell
(631)694-3040
stu.murrell@pacelabs.com

Pace Analytical Services Long Island
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

WO#: 70146658

70146658

Rel. [illegible] 9/21/20 1720

Sample Request Form
PUBLIC WATER SUPPLIER

Date: 9-21-2020

Collected By: R. MCCABE

Accepted By: [illegible] 9/21/20 12:40

Cooler Temp: 2.2 °C

☐ WELL OFF LINE

☒ WELL RUN TO SYSTEM

☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: Italo J. Vacchio, Superintendent
Port Washington Water District

Address: P.O. Box 432
38 Sandy Hollow Road
Port Washington, NY 11050

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.
9-21-20 930	GW	N.09809 Stony Town 10	RW	O	S			1,4 Dioxane	

Remarks:

Pace Analytical

Sample Condition Upon Receipt

WO#: 70146658

PM: SWM **Due Date: 10/01/20**

CLIENT: PWW

Client Name: PWW

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: +0.4

☑ Samples on ice, cooling process has begun

Cooler Temperature (°C): 2.2 Cooler Temperature Corrected (°C): 2.6

Date/Time 5035A kits placed in freezer 9/21/20

Temp should be above freezing to 6.0°C

Date and Initials of person examining contents: I.I 1720

USDA Regulated Soil (☐ N/A, water sample)

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☒ No

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

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:	☑ Yes	☐ No		1.
Chain of Custody Filled Out:	☑ Yes	☐ No		2.
Chain of Custody Relinquished:	☑ Yes	☐ No		3.
Sampler Name & Signature on COC:	☑ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time:	☑ Yes	☐ No		5.
Short Hold Time Analysis (<72hr):	☐ Yes	☑ No		6.
Rush Turn Around Time Requested:	☐ Yes	☑ No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☑ Yes	☐ No		8.
Correct Containers Used:	☑ Yes	☐ No		9.
-Pace Containers Used:	☑ Yes	☐ No		
Containers Intact:	☑ Yes	☐ No		10.
Filtered volume received for Dissolved tests	☑ Yes	☐ No	☑ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☑ Yes	☐ No		12.
-Includes date/time/ID/Analysis Matrix SL WT OIL				
All containers needing preservation have been checked	☐ Yes	☐ No	☑ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot #				Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, 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	☐ Yes	☐ No	☑ N/A	Initial when completed: / Lot # of added preservative: / Date/Time preservative added
Samples checked for dechlorination:	☐ Yes	☐ No	☑ N/A	14.
KI starch test strips Lot #				Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #				
Headspace in VOA Vials (>6mm):	☐ Yes	☐ No	☑ N/A	15.
Trip Blank Present:	☐ Yes	☐ No	☑ N/A	16.
Trip Blank Custody Seals Present	☐ Yes	☐ No	☑ N/A	
Pace Trip Blank Lot # (if applicable):				

Field Data Required? Y / N

Client Notification/ Resolution: Date/Time:

Person Contacted:

Comments/ Resolution:

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

F-LI-C-002-rev.02

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Laboratory Report

Supt.Tal Vacchio
Port Washington W.D.
P.O. BOX 432
Port Washington, NY 11050

Report Date: 10/02/2020
Date Received: 09/28/2020

Project: 1,4 DIOXANE 9/28
Pace Project No.: 70147465

Sample: N-09809 **Lab ID: 70147465001** Collected: 09/28/20 11:20 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 522	1,4-Dioxane (p-Dioxane)	**0.74**	ug/L	0.020	10/01/20 18:50	

Reviewed by: Stu Murrell
Stu Murrell
(631)694-3040
stu.murrell@pacelabs.com

Pace Analytical Services Long Island
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

WO#: 70147465

70147465

Sample Request Form
PUBLIC WATER SUPPLIER

Date: 9-28-2020

Collected By: R. Mallon

Accepted By:

Cooler Temp: .5 °C

Returned to lab 9/28/20 14:30

☐ WELL OFF LINE

☑ WELL RUN TO SYSTEM

☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: Italo J. Vacchio, Superintendent

Address: Port Washington Water District
P.O. Box 432
38 Sandy Hollow Road
Port Washington, NY 11050

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.
9-28-20 1120	GW	N-09809 StonyTown 10	RW	O	S			1,4 Dioxane	

Remarks:

Pace Analytical

Sample Condition Upon Receipt

WO#: 70147465
PM: SWM Due Date: 10/08/20
CLIENT: PWW

Client Name: PWW

Project

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: -0.2

☐ Samples on ice, cooling process has begun

Cooler Temperature (°C): .5 Cooler Temperature Corrected (°C): .3

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: 9/28/20 ST

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 orignate 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:	☑ Yes	☐ No		1.
Chain of Custody Filled Out:	☑ Yes	☐ No		2.
Chain of Custody Relinquished:	☑ Yes	☐ No		3.
Sampler Name & Signature on COC:	☑ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time:	☑ Yes	☐ No		5.
Short Hold Time Analysis (<72hr):	☐ Yes	☑ No		6.
Rush Turn Around Time Requested:	☐ Yes	☑ No		7.
Sufficient Volume: (Triple volume provided for MS/MSD	☑ Yes	☐ No		8.
Correct Containers Used:	☑ Yes	☐ No		9.
-Pace Containers Used:	☑ Yes	☐ No		
Containers Intact:	☑ Yes	☐ No		10.
Filtered volume received for Dissolved tests	☐ Yes	☐ No	☑ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☑ Yes	☐ No		12.
-Includes date/time/ID/Analysis Matrix SL WT OIL				
All containers needing preservation have been checked	☐ Yes	☐ No	☑ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot #				
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, 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	☐ Yes	☐ No	☑ N/A	Sample #
				Initial when completed: / Lot # of added preservative: / Date/Time preservative added
Samples checked for dechlorination:	☐ Yes	☐ No	☑ N/A	14.
KI starch test strips Lot #				
Residual chlorine strips Lot #				Positive for Res. Chlorine? Y N
Headspace in VOA Vials (>6mm):	☐ Yes	☐ No	☑ N/A	15.
Trip Blank Present:	☐ Yes	☐ No	☑ N/A	16.
Trip Blank Custody Seals Present	☐ Yes	☐ No	☑ 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.**

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Laboratory Report

Supt.Tal Vacchio
Port Washington W.D.
P.O. BOX 432
Port Washington, NY 11050

Report Date: 10/26/2020
Date Received: 10/13/2020

Project: POC/504/PFAS/1,4 Dioxane 10/13
Pace Project No.: 70149281

Sample: GAC-02052 **Lab ID: 70149281001** Collected: 10/13/20 08:54 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 504.1	1,2-Dibromo-3-chloropropane	**<0.010**	ug/L	0.010	10/17/20 01:47	
EPA 504.1	1,2-Dibromoethane (EDB)	**<0.010**	ug/L	0.010	10/17/20 01:47	
EPA 522	1,4-Dioxane (p-Dioxane)	**0.83**	ug/L	0.020	10/19/20 22:18	
EPA 524.2	Benzene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	Bromobenzene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	Bromochloromethane	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	Bromodichloromethane	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	Bromoform	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	Bromomethane	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	n-Butylbenzene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	sec-Butylbenzene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	tert-Butylbenzene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	Carbon tetrachloride	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	Chlorobenzene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	Chlorodifluoromethane	**<0.50**	ug/L	0.50	10/21/20 00:16	N3
EPA 524.2	Chloroethane	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	Chloroform	**0.53**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	Chloromethane	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	2-Chlorotoluene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	4-Chlorotoluene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	Dibromochloromethane	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	Dibromomethane	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	1,2-Dichlorobenzene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	1,3-Dichlorobenzene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	1,4-Dichlorobenzene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	Dichlorodifluoromethane	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	1,1-Dichloroethane	**0.89**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	1,2-Dichloroethane	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	1,1-Dichloroethene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	cis-1,2-Dichloroethene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	trans-1,2-Dichloroethene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	1,2-Dichloropropane	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	1,3-Dichloropropane	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	2,2-Dichloropropane	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	1,1-Dichloropropene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	cis-1,3-Dichloropropene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	trans-1,3-Dichloropropene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	Ethylbenzene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	Hexachloro-1,3-butadiene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	Isopropylbenzene (Cumene)	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	p-Isopropyltoluene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	Methylene Chloride	**<0.50**	ug/L	0.50	10/21/20 00:16	

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Sample: GAC-02052 **Lab ID: 70149281001** Collected: 10/13/20 08:54 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 524.2	Methyl-tert-butyl ether	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	n-Propylbenzene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	Styrene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	1,1,1,2-Tetrachloroethane	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	Tetrachloroethene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	Toluene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	Total Trihalomethanes (Calc.)	**0.53**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	1,2,3-Trichlorobenzene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	1,2,4-Trichlorobenzene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	1,1,1-Trichloroethane	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	1,1,2-Trichloroethane	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	Trichloroethene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	Trichlorofluoromethane	**<0.50**	ug/L	0.50	10/21/20 00:16	L1
EPA 524.2	1,2,3-Trichloropropane	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	1,1,2-Trichlorotrifluoroethane	**<0.50**	ug/L	0.50	10/21/20 00:16	L1,N3
EPA 524.2	1,2,4-Trimethylbenzene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	1,3,5-Trimethylbenzene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	Vinyl chloride	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	m&p-Xylene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 524.2	o-Xylene	**<0.50**	ug/L	0.50	10/21/20 00:16	
EPA 537	Perfluorobutanesulfonic acid	**<1.9**	ng/L	1.9	10/25/20 22:52	1j
EPA 537	Perfluoroheptanoic acid	**<1.9**	ng/L	1.9	10/25/20 22:52	1j
EPA 537	Perfluorohexanesulfonic acid	**<1.9**	ng/L	1.9	10/25/20 22:52	1j
EPA 537	Perfluorononanoic acid	**<1.9**	ng/L	1.9	10/25/20 22:52	1j
EPA 537	Perfluorooctanesulfonic acid	**<1.9**	ng/L	1.9	10/25/20 22:52	1j
EPA 537	Perfluorooctanoic acid	**<1.9**	ng/L	1.9	10/25/20 22:52	1j

SAMPLE QUALIFIERS

Sample: 70149281001

[1] 1j=A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume

BATCH QUALIFIERS

Batch: 676482

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1j A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

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.

Reviewed by:

Jennifer Aracri
(631)694-3040
jennifer.aracri@pacelabs.com

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Pace Analytical Services Ormond Beach

Louisiana Environmental Certificate #: 05007
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
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
Virginia Environmental Certification #: 460165
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

Pace Analytical Services Long Island

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

WO#: 70149281

70149281

11747
36

Sample Request Form
PUBLIC WATER SUPPLIER

Date: 10/13/20

Collected By: R. Mallon

Accepted By: [illegible] APAFY

Cooler Temp: 9.5 °C

10/13/20 1041

☐ WELL OFF LINE

☑ WELL RUN TO SYSTEM

☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Client Info: Italo J. Vacchio, Superintendent

Name or Code: ~~Port Washington Water District~~

Address: ~~P.O. Box 432~~

~~38 Sandy Hollow Road~~

Phone #: ~~Port Washington, NY 11050~~

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.
10/13/20 0854	GW	Hewlett 4 GAC-02052	TW	GAC	RO			POC	001
10/13/20 0850	GW	Hewlett 4 GAC-02052	TW	GAC	RO			Method 504	↓
10/13/20 0845	GW	Hewlett 4 GAC-02052	TW	GAC	RO			Dioxane	
10/13/20 0842	GW	Hewlett 4 GAC-02052	TW	GAC	RO			PFAS	

Remarks:

Pace Analytical

Sample Condition Upon Receipt

WO#: 70149281
PM: JSA **Due Date: 10/22/20**
CLIENT: PWW

Client Name: Port Washington.

Proj

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: -0.2

☐ Samples on ice, cooling process has begun

Cooler Temperature (°C): 9.5 Cooler Temperature Corrected (°C): 9.3

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: IS 10/13/20

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 orignate 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:	☑ Yes	☐ No		1.
Chain of Custody Filled Out:	☑ Yes	☐ No		2.
Chain of Custody Relinquished:	☑ Yes	☐ No		3.
Sampler Name & Signature on COC:	☑ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time:	☑ Yes	☐ No		5.
Short Hold Time Analysis (<72hr):	☐ Yes	☑ No		6.
Rush Turn Around Time Requested:	☐ Yes	☑ No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☑ Yes	☐ No		8.
Correct Containers Used:	☑ Yes	☐ No		9.
-Pace Containers Used:	☑ Yes	☐ No		
Containers Intact:	☑ Yes	☐ No		10.
Filtered volume received for Dissolved tests	☐ Yes	☐ No	☑ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix SL WT OIL	☑ Yes	☐ No		12.
All containers needing preservation have been checked	☐ Yes	☐ No	☑ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot #				Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, 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	☐ Yes	☐ No	☑ N/A	Initial when completed: / Lot # of added preservative: / Date/Time preservative added:
Samples checked for dechlorination:	☐ Yes	☐ No	☑ N/A	14.
KI starch test strips Lot #				Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #				
Headspace in VOA Vials (>6mm):	☐ Yes	☑ No	☐ N/A	15.
Trip Blank Present:	☐ Yes	☐ No	☑ N/A	16.
Trip Blank Custody Seals Present	☐ Yes	☐ No	☑ 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.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Laboratory Report

Supt.Tal Vacchio
Port Washington W.D.
P.O. BOX 432
Port Washington, NY 11050

Report Date: 10/26/2020
Date Received: 10/13/2020

Project: Bac/POC/NO3/PFAS/1,4 D 10/13
Pace Project No.: 70149283

Sample: N-09809 **Lab ID: 70149283001** Collected: 10/13/20 10:15 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
SM22 9223B Colilert	Total Coliforms	**Absent**			10/14/20 12:40	
SM22 9223B Colilert	E.coli	**Absent**			10/14/20 12:40	
EPA 522	1,4-Dioxane (p-Dioxane)	**0.70**	ug/L	0.020	10/19/20 22:56	
EPA 524.2	Benzene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	Bromobenzene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	Bromochloromethane	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	Bromodichloromethane	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	Bromoform	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	Bromomethane	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	n-Butylbenzene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	sec-Butylbenzene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	tert-Butylbenzene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	Carbon tetrachloride	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	Chlorobenzene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	Chlorodifluoromethane	**<0.50**	ug/L	0.50	10/21/20 01:09	N3
EPA 524.2	Chloroethane	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	Chloroform	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	Chloromethane	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	2-Chlorotoluene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	4-Chlorotoluene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	Dibromochloromethane	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	Dibromomethane	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	1,2-Dichlorobenzene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	1,3-Dichlorobenzene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	1,4-Dichlorobenzene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	Dichlorodifluoromethane	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	1,1-Dichloroethane	**1.1**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	1,2-Dichloroethane	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	1,1-Dichloroethene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	cis-1,2-Dichloroethene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	trans-1,2-Dichloroethene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	1,2-Dichloropropane	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	1,3-Dichloropropane	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	2,2-Dichloropropane	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	1,1-Dichloropropene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	cis-1,3-Dichloropropene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	trans-1,3-Dichloropropene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	Ethylbenzene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	Hexachloro-1,3-butadiene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	Isopropylbenzene (Cumene)	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	p-Isopropyltoluene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	Methylene Chloride	**<0.50**	ug/L	0.50	10/21/20 01:09	

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Sample: N-09809 **Lab ID: 70149283001** Collected: 10/13/20 10:15 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 524.2	Methyl-tert-butyl ether	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	n-Propylbenzene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	Styrene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	1,1,1,2-Tetrachloroethane	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	Tetrachloroethene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	Toluene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	Total Trihalomethanes (Calc.)	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	1,2,3-Trichlorobenzene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	1,2,4-Trichlorobenzene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	1,1,1-Trichloroethane	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	1,1,2-Trichloroethane	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	Trichloroethene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	Trichlorofluoromethane	**<0.50**	ug/L	0.50	10/21/20 01:09	L1
EPA 524.2	1,2,3-Trichloropropane	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	1,1,2-Trichlorotrifluoroethane	**<0.50**	ug/L	0.50	10/21/20 01:09	L1,N3
EPA 524.2	1,2,4-Trimethylbenzene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	1,3,5-Trimethylbenzene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	Vinyl chloride	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	m&p-Xylene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 524.2	o-Xylene	**<0.50**	ug/L	0.50	10/21/20 01:09	
EPA 537	Perfluorobutanesulfonic acid	**<1.9**	ng/L	1.9	10/25/20 22:34	1j
EPA 537	Perfluoroheptanoic acid	**<1.9**	ng/L	1.9	10/25/20 22:34	1j
EPA 537	Perfluorohexanesulfonic acid	**3.2**	ng/L	1.9	10/25/20 22:34	1j
EPA 537	Perfluorononanoic acid	**<1.9**	ng/L	1.9	10/25/20 22:34	1j
EPA 537	Perfluorooctanesulfonic acid	**<1.9**	ng/L	1.9	10/25/20 22:34	1j
EPA 537	Perfluorooctanoic acid	**3.8**	ng/L	1.9	10/25/20 22:34	1j
EPA 353.2	Nitrate as N	**7.9**	mg/L	0.50	10/14/20 00:31	
EPA 353.2	Nitrate-Nitrite (as N)	**7.9**	mg/L	0.50	10/14/20 00:31	
EPA 353.2	Nitrite as N	**<0.050**	mg/L	0.050	10/13/20 21:46	

SAMPLE QUALIFIERS

Sample: 70149283001

[1] 1j=A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume

BATCH QUALIFIERS

Batch: 676482

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1j A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

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.

Reviewed by:

Jennifer Aracri
(631)694-3040
jennifer.aracri@pacelabs.com

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Pace Analytical Services Ormond Beach

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
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
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
Virginia Environmental Certification #: 460165
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

Pace Analytical Services Long Island

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

WO#: 70149283

70149283

Sample Request Form
PUBLIC WATER SUPPLIER

Date: 10/13/20

Collected By: R. Mallon

Accepted By: [illegible] (B) 10/13/20 10:41

Cooler Temp: 9.5 °C

☐ WELL OFF LINE

☑ WELL RUN TO SYSTEM

☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: Italo J. Vacchio, Superintendent

Address: Port Washington Water District
P.O. Box 432
38 Sandy Hollow Road
Port Washington, NY 11050

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.
10/13/20 1005	GW	Stonytown 10 N-09809	RW	O	RO			BAC	001
10/13/20 1015	GW	Stonytown 10 N-09809	RW	O	RO			POC	↓
10/13/20 1006	GW	Stonytown 10 N-09809	RW	O	RO			Nitrate	↓
10/13/20 1007	GW	Stonytown 10 N-09809	RW	O	RO			PFAS	↓
10/13/20 1010	GW	Stonytown 10 N-09809	RW	O	RO			Dioxane	↓

Remarks:

Pace Analytical

Sample Condition Upon Receipt

WO#: 70149283
PM: JSA
CLIENT: PWW
Due Date: 11/12/20

Client Name: Port Washington

Project #

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: -0.2

☐ Samples on ice, cooling process has begun

Cooler Temperature (°C): 9.5 Cooler Temperature Corrected (°C): 9.3

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: I.T. 10/13/20

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 orignate 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:	☑ Yes	☐ No		1.
Chain of Custody Filled Out:	☑ Yes	☐ No		2.
Chain of Custody Relinquished:	☑ Yes	☐ No		3.
Sampler Name & Signature on COC:	☑ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time:	☑ Yes	☐ No		5.
Short Hold Time Analysis (<72hr):	☑ Yes	☐ No		6.
Rush Turn Around Time Requested:	☐ Yes	☑ No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☑ Yes	☐ No		8.
Correct Containers Used:	☑ Yes	☐ No		9.
-Pace Containers Used:	☑ Yes	☐ No		
Containers Intact:	☑ Yes	☐ No		10.
Filtered volume received for Dissolved tests	☐ Yes	☐ No	☑ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix SL WT OIL	☑ Yes	☐ No		12.
All containers needing preservation have been checked pH paper Lot #	☐ Yes	☐ No	☑ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, 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	☐ Yes	☐ No	☑ N/A	Initial when completed: / Lot # of added preservative: / Date/Time preservative added
Samples checked for dechlorination: KI starch test strips Lot # Residual chlorine strips Lot #	☐ Yes	☐ No	☑ N/A	14. Positive for Res. Chlorine? Y N
Headspace in VOA Vials (>6mm):	☐ Yes	☑ No	☐ N/A	15.
Trip Blank Present:	☐ Yes	☐ No	☑ N/A	16.
Trip Blank Custody Seals Present	☐ Yes	☐ No	☑ 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.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Laboratory Report

Supt.Tal Vacchio
Port Washington W.D.
P.O. BOX 432
Port Washington, NY 11050

Report Date: 10/27/2020
Date Received: 10/13/2020

Project: BAC/POC/504/PFAS/1,4 D 10/13
Pace Project No.: 70149285

Sample: N-02052 **Lab ID: 70149285001** Collected: 10/13/20 08:32 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 504.1	1,2-Dibromo-3-chloropropane	**<0.010**	ug/L	0.010	10/17/20 02:11	
EPA 504.1	1,2-Dibromoethane (EDB)	**<0.010**	ug/L	0.010	10/17/20 02:11	
SM22 9223B Colilert	Total Coliforms	**Absent**			10/14/20 12:40	
SM22 9223B Colilert	E.coli	**Absent**			10/14/20 12:40	
EPA 522	1,4-Dioxane (p-Dioxane)	**0.80**	ug/L	0.020	10/19/20 23:16	
EPA 524.2	Benzene	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	Bromobenzene	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	Bromochloromethane	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	Bromodichloromethane	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	Bromoform	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	Bromomethane	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	n-Butylbenzene	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	sec-Butylbenzene	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	tert-Butylbenzene	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	Carbon tetrachloride	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	Chlorobenzene	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	Chlorodifluoromethane	**<0.50**	ug/L	0.50	10/21/20 01:36	N3
EPA 524.2	Chloroethane	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	Chloroform	**1.0**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	Chloromethane	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	2-Chlorotoluene	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	4-Chlorotoluene	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	Dibromochloromethane	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	Dibromomethane	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	1,2-Dichlorobenzene	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	1,3-Dichlorobenzene	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	1,4-Dichlorobenzene	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	Dichlorodifluoromethane	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	1,1-Dichloroethane	**1.0**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	1,2-Dichloroethane	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	1,1-Dichloroethene	**0.56**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	cis-1,2-Dichloroethene	**4.4**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	trans-1,2-Dichloroethene	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	1,2-Dichloropropane	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	1,3-Dichloropropane	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	2,2-Dichloropropane	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	1,1-Dichloropropene	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	cis-1,3-Dichloropropene	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	trans-1,3-Dichloropropene	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	Ethylbenzene	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	Hexachloro-1,3-butadiene	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	Isopropylbenzene (Cumene)	**<0.50**	ug/L	0.50	10/21/20 01:36	

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Sample: N-02052 **Lab ID: 70149285001** Collected: 10/13/20 08:32 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 524.2	p-Isopropyltoluene	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	Methylene Chloride	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	Methyl-tert-butyl ether	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	n-Propylbenzene	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	Styrene	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	1,1,1,2-Tetrachloroethane	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	Tetrachloroethene	**21.2**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	Toluene	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	Total Trihalomethanes (Calc.)	**1.0**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	1,2,3-Trichlorobenzene	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	1,2,4-Trichlorobenzene	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	1,1,1-Trichloroethane	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	1,1,2-Trichloroethane	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	Trichloroethene	**1.2**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	Trichlorofluoromethane	**<0.50**	ug/L	0.50	10/21/20 01:36	L1
EPA 524.2	1,2,3-Trichloropropane	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	1,1,2-Trichlorotrifluoroethane	**<0.50**	ug/L	0.50	10/21/20 01:36	L1,N3
EPA 524.2	1,2,4-Trimethylbenzene	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	1,3,5-Trimethylbenzene	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	Vinyl chloride	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	m&p-Xylene	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 524.2	o-Xylene	**<0.50**	ug/L	0.50	10/21/20 01:36	
EPA 537	Perfluorobutanesulfonic acid	**<1.9**	ng/L	1.9	10/25/20 20:44	1j
EPA 537	Perfluoroheptanoic acid	**2.9**	ng/L	1.9	10/25/20 20:44	1j
EPA 537	Perfluorohexanesulfonic acid	**3.9**	ng/L	1.9	10/25/20 20:44	1j
EPA 537	Perfluorononanoic acid	**43.8**	ng/L	1.9	10/25/20 20:44	1j
EPA 537	Perfluorooctanesulfonic acid	**8.1**	ng/L	1.9	10/25/20 20:44	1j
EPA 537	Perfluorooctanoic acid	**6.6**	ng/L	1.9	10/25/20 20:44	1j

Sample: NR-02052 **Lab ID: 70149285002** Collected: 10/13/20 08:36 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
SM22 9223B Colilert	Total Coliforms	**Absent**			10/14/20 12:40	
SM22 9223B Colilert	E.coli	**Absent**			10/14/20 12:40	

SAMPLE QUALIFIERS

Sample: 70149285001

[1] 1j=A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume

BATCH QUALIFIERS

Batch: 676482

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1j A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

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.

Reviewed by:

Jennifer Aracri
(631)694-3040
jennifer.aracri@pacelabs.com

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174
Alaska DEC- CS/UST/LUST
Alabama Certification #: 41320
Arizona Certification# AZ0819
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
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
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
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
Virginia Environmental Certification #: 460165
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

Pace Analytical Services Long Island

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

WO#: 70149285

70149285

Sample Request Form
PUBLIC WATER SUPPLIER

Broad Hollow Rd., Melville, NY 11747
(631) 694-3040 Fax: (631) 420-8436

Date: 10/13/20

Collected By: Brian Mallon

Accepted By: Dylan Spacell 10/13/20 ~~10:44~~ 11:41

Cooler Temp: 9.5 °C

☐ WELL OFF LINE

☑ WELL RUN TO SYSTEM

☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: Italo J. Vacchio, Superintendent ~~Port Washington Water District~~

Address: ~~P.O. Box 432~~ ~~38 Sandy Hollow Road~~

Phone #: ~~Port Washington, NY 11050~~

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.
10/13/20 0805	GW	Hewlett #4 N-02052	RW	O	RO			BAC	001
10/13/20 0832	GW	Hewlett #4 N-02052	RW	O	RO			POC	
10/13/20 0818	GW	Hewlett #4 N-02052	RW	O	RO			Method 504	
10/13/20 0826	GW	Hewlett #4 N-02052	RW	O	RO			Dioxane	
10/13/20 0820	GW	Hewlett #4 N-02052	RW	O	RO			PFAS	
10/13/20 0900	GW	Hewlett #4 GAC-02052	TW	GAC	RO			Bac Series 0'	
10/13/20 0902	GW	Hewlett #4 GAC-02052	TW	GAC	RO			Bac Series 2'	
10/13/20 0905	GW	Hewlett #4 GAC-02052	TW	GAC	RO			Bac Series 5'	
10/13/20 0910	GW	Hewlett #4 GAC02052	TW	GAC	RO			Bac Series 10'	
10/13/20 0930	GW	Hewlett #4 GAC-02052	TW	GAC	RO			Bac Series 30'	
10/13/20 0836	GW	Hewlett #4 NR-02052	TW	N	RO			BAC	002

Remarks:

Pace Analytical

Sample Condition Upon Receipt

WO#: 70149285
PM: JSA **Due Date: 11/12/20**
CLIENT: PWW

Client Name: Port Washington

Proj

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: -0.2

☐ Samples on ice, cooling process has begun

Cooler Temperature (°C): 9.5 Cooler Temperature Corrected (°C): 9.3

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: F.F. 10/13/20

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 orignate 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:	☑ Yes	☐ No		1.
Chain of Custody Filled Out:	☑ Yes	☐ No		2.
Chain of Custody Relinquished:	☑ Yes	☐ No		3.
Sampler Name & Signature on COC:	☑ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time:	☑ Yes	☐ No		5.
Short Hold Time Analysis (<72hr):	☑ Yes	☐ No		6.
Rush Turn Around Time Requested:	☐ Yes	☑ No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☑ Yes	☐ No		8.
Correct Containers Used:	☑ Yes	☐ No		9.
-Pace Containers Used:	☑ Yes	☐ No		
Containers Intact:	☑ Yes	☐ No		10.
Filtered volume received for Dissolved tests	☑ Yes	☐ No	☑ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☑ Yes	☐ No		12.
-Includes date/time/ID/Analysis Matrix SL WT OIL				
All containers needing preservation have been checked	☐ Yes	☐ No	☑ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot #				Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)	☐ Yes	☐ No	☑ 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:	☐ Yes	☐ No	☑ N/A	14.
KI starch test strips Lot #				Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #				
Headspace in VOA Vials (>6mm):	☐ Yes	☑ No	☐ N/A	15.
Trip Blank Present:	☐ Yes	☐ No	☑ N/A	16.
Trip Blank Custody Seals Present	☐ Yes	☐ No	☑ 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.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Laboratory Report

Supt.Tal Vacchio
Port Washington W.D.
P.O. BOX 432
Port Washington, NY 11050

Report Date: 10/26/2020
Date Received: 10/13/2020

Project: POC/NO3/PFAS/1,4 D 10/13
Pace Project No.: 70149287

Sample: GAC-09809 **Lab ID: 70149287001** Collected: 10/13/20 10:32 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 522	1,4-Dioxane (p-Dioxane)	**0.71**	ug/L	0.020	10/20/20 18:48	
EPA 524.2	Benzene	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	Bromobenzene	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	Bromochloromethane	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	Bromodichloromethane	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	Bromoform	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	Bromomethane	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	n-Butylbenzene	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	sec-Butylbenzene	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	tert-Butylbenzene	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	Carbon tetrachloride	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	Chlorobenzene	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	Chlorodifluoromethane	**<0.50**	ug/L	0.50	10/21/20 00:43	N3
EPA 524.2	Chloroethane	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	Chloroform	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	Chloromethane	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	2-Chlorotoluene	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	4-Chlorotoluene	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	Dibromochloromethane	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	Dibromomethane	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	1,2-Dichlorobenzene	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	1,3-Dichlorobenzene	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	1,4-Dichlorobenzene	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	Dichlorodifluoromethane	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	1,1-Dichloroethane	**1.3**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	1,2-Dichloroethane	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	1,1-Dichloroethene	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	cis-1,2-Dichloroethene	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	trans-1,2-Dichloroethene	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	1,2-Dichloropropane	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	1,3-Dichloropropane	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	2,2-Dichloropropane	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	1,1-Dichloropropene	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	cis-1,3-Dichloropropene	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	trans-1,3-Dichloropropene	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	Ethylbenzene	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	Hexachloro-1,3-butadiene	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	Isopropylbenzene (Cumene)	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	p-Isopropyltoluene	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	Methylene Chloride	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	Methyl-tert-butyl ether	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	n-Propylbenzene	**<0.50**	ug/L	0.50	10/21/20 00:43	

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Sample: GAC-09809 **Lab ID: 70149287001** Collected: 10/13/20 10:32 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 524.2	Styrene	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	1,1,1,2-Tetrachloroethane	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	Tetrachloroethene	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	Toluene	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	Total Trihalomethanes (Calc.)	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	1,2,3-Trichlorobenzene	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	1,2,4-Trichlorobenzene	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	1,1,1-Trichloroethane	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	1,1,2-Trichloroethane	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	Trichloroethene	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	Trichlorofluoromethane	**<0.50**	ug/L	0.50	10/21/20 00:43	L1
EPA 524.2	1,2,3-Trichloropropane	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	1,1,2-Trichlorotrifluoroethane	**<0.50**	ug/L	0.50	10/21/20 00:43	L1,N3
EPA 524.2	1,2,4-Trimethylbenzene	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	1,3,5-Trimethylbenzene	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	Vinyl chloride	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	m&p-Xylene	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 524.2	o-Xylene	**<0.50**	ug/L	0.50	10/21/20 00:43	
EPA 537	Perfluorobutanesulfonic acid	**<1.9**	ng/L	1.9	10/25/20 23:10	1j
EPA 537	Perfluoroheptanoic acid	**<1.9**	ng/L	1.9	10/25/20 23:10	1j
EPA 537	Perfluorohexanesulfonic acid	**<1.9**	ng/L	1.9	10/25/20 23:10	1j
EPA 537	Perfluorononanoic acid	**<1.9**	ng/L	1.9	10/25/20 23:10	1j
EPA 537	Perfluorooctanesulfonic acid	**<1.9**	ng/L	1.9	10/25/20 23:10	1j
EPA 537	Perfluorooctanoic acid	**<1.9**	ng/L	1.9	10/25/20 23:10	1j
EPA 353.2	Nitrate as N	**7.9**	mg/L	0.50	10/13/20 23:29	
EPA 353.2	Nitrate-Nitrite (as N)	**7.9**	mg/L	0.50	10/13/20 23:29	M6
EPA 353.2	Nitrite as N	**<0.050**	mg/L	0.050	10/13/20 21:24	

SAMPLE QUALIFIERS

Sample: 70149287001

[1] 1j=A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume

BATCH QUALIFIERS

Batch: 676482

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1j A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

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

M6 Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.

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

Reviewed by:

Jennifer Aracri
(631)694-3040
jennifer.aracri@pacelabs.com

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Pace Analytical Services Ormond Beach

Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
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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
Virginia Environmental Certification #: 460165
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

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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

WO#: 70149287

70149287

Fax: (631) 420-8436

Sample Request Form
PUBLIC WATER SUPPLIER

Date: 10/13/20

Collected By: B. Mallon (B)

Accepted By: Robert Spacell

Cooler Temp: 9.5 °C 10/13/20 10:41

☐ WELL OFF LINE

☑ WELL RUN TO SYSTEM

☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: Italo J. Vacchio, Superintendent

Address: ~~Port Washington Water District~~ ~~P.O. Box 432~~ ~~38 Sandy Hollow Road~~ ~~Port Washington, NY 11050~~

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.
10/13/20 1045	GW	Stonytown 10 GAC-09809	TW	GAC	RO			Bac Series 0'	
10/13/20 1047	GW	Stonytown 10 GAC-09809	TW	GAC	RO			Bac Series 2'	
10/13/20 1050	GW	Stonytown 10 GAC-09809	TW	GAC	RO			Bac Series 5'	
10/13/20 1055	GW	Stonytown 10 GAC-09809	TW	GAC	RO			Bac Series 10'	
10/13/20 1115	GW	Stonytown 10 GAC-09809	TW	GAC	RO			Bac Series 30'	
10/13/20 1022	GW	Stonytown 10 GAC-09809	TW	GAC	RO			POC	001
10/13/20 1022	GW	Stonytown 10 GAC-09809	TW	GAC	RO			Nitrate	
10/13/20 1024	GW	Stonytown 10 GAC-09809	TW	GAC	RO			PFAS	
10/13/20 1026	GW	Stonytown 10 GAC-09809	TW	GAC	RO			Dioxane	

Remarks:

Pace Analytical

Sample Condition Upon Receipt

WO#: 70149287
PM: JSA **Due Date: 10/22/20**
CLIENT: PWW

Client Name: Pat Winkler

Projec

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: -0.2

☐ Samples on ice, cooling process has begun

Cooler Temperature (°C): 9.5 Cooler Temperature Corrected (°C): 9.3

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: IT 10/13/20

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 orignate 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:	☑ Yes	☐ No		1.
Chain of Custody Filled Out:	☑ Yes	☐ No		2.
Chain of Custody Relinquished:	☑ Yes	☐ No		3.
Sampler Name & Signature on COC:	☑ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time:	☑ Yes	☐ No		5.
Short Hold Time Analysis (<72hr):	☑ Yes	☐ No		6.
Rush Turn Around Time Requested:	☐ Yes	☑ No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☑ Yes	☐ No		8.
Correct Containers Used:	☑ Yes	☐ No		9.
-Pace Containers Used:	☑ Yes	☐ No		
Containers Intact:	☑ Yes	☐ No		10.
Filtered volume received for Dissolved tests	☐ Yes	☐ No	☑ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix SL WT OIL	☑ Yes	☐ No		12.
All containers needing preservation have been checked pH paper Lot # All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, 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	☐ Yes ☐ Yes	☐ No ☐ No	☑ N/A ☑ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl Sample # Initial when completed: Lot # of added preservative: Date/Time preservative added
Samples checked for dechlorination: KI starch test strips Lot # Residual chlorine strips Lot #	☐ Yes	☐ No	☑ N/A	14. Positive for Res. Chlorine? Y N
Headspace in VOA Vials (>6mm):	☐ Yes	☑ No	☐ N/A	15.
Trip Blank Present:	☐ Yes	☐ No	☑ N/A	16.
Trip Blank Custody Seals Present	☐ Yes	☐ No	☑ 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.

F-LI-C-002-rev.02

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Laboratory Report

Supt.Tal Vacchio
Port Washington W.D.
P.O. BOX 432
Port Washington, NY 11050

Report Date: 11/05/2020
Date Received: 10/19/2020

Project: BAC/POC/NO3/PFAS/1,4DIOX 10/19
Pace Project No.: 70150096

Sample: N-02030 **Lab ID: 70150096001** Collected: 10/19/20 09:50 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
SM22 9223B Colilert	Total Coliforms	**Absent**			10/20/20 12:25	
SM22 9223B Colilert	E.coli	**Absent**			10/20/20 12:25	
EPA 524.2	Benzene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	Bromobenzene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	Bromochloromethane	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	Bromodichloromethane	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	Bromoform	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	Bromomethane	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	n-Butylbenzene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	sec-Butylbenzene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	tert-Butylbenzene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	Carbon tetrachloride	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	Chlorobenzene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	Chlorodifluoromethane	**<0.50**	ug/L	0.50	10/25/20 19:31	N3
EPA 524.2	Chloroethane	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	Chloroform	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	Chloromethane	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	2-Chlorotoluene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	4-Chlorotoluene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	Dibromochloromethane	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	Dibromomethane	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	1,2-Dichlorobenzene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	1,3-Dichlorobenzene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	1,4-Dichlorobenzene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	Dichlorodifluoromethane	**<0.50**	ug/L	0.50	10/25/20 19:31	IL
EPA 524.2	1,1-Dichloroethane	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	1,2-Dichloroethane	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	1,1-Dichloroethene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	cis-1,2-Dichloroethene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	trans-1,2-Dichloroethene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	1,2-Dichloropropane	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	1,3-Dichloropropane	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	2,2-Dichloropropane	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	1,1-Dichloropropene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	cis-1,3-Dichloropropene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	trans-1,3-Dichloropropene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	Ethylbenzene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	Hexachloro-1,3-butadiene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	Isopropylbenzene (Cumene)	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	p-Isopropyltoluene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	Methylene Chloride	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	Methyl-tert-butyl ether	**<0.50**	ug/L	0.50	10/25/20 19:31	

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Sample: N-02030 **Lab ID: 70150096001** Collected: 10/19/20 09:50 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 524.2	n-Propylbenzene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	Styrene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	1,1,1,2-Tetrachloroethane	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	Tetrachloroethene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	Toluene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	Total Trihalomethanes (Calc.)	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	1,2,3-Trichlorobenzene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	1,2,4-Trichlorobenzene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	1,1,1-Trichloroethane	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	1,1,2-Trichloroethane	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	Trichloroethene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	Trichlorofluoromethane	**<0.50**	ug/L	0.50	10/25/20 19:31	L1
EPA 524.2	1,2,3-Trichloropropane	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	1,1,2-Trichlorotrifluoroethane	**<0.50**	ug/L	0.50	10/25/20 19:31	N3
EPA 524.2	1,2,4-Trimethylbenzene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	1,3,5-Trimethylbenzene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	Vinyl chloride	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	m&p-Xylene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 524.2	o-Xylene	**<0.50**	ug/L	0.50	10/25/20 19:31	
EPA 353.2	Nitrate as N	**4.4**	mg/L	0.50	10/19/20 23:47	
EPA 353.2	Nitrate-Nitrite (as N)	**4.4**	mg/L	0.50	10/19/20 23:47	
EPA 353.2	Nitrite as N	**<0.050**	mg/L	0.050	10/19/20 21:40	

Sample: GAC-02030 **Lab ID: 70150096002** Collected: 10/19/20 10:02 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 524.2	Benzene	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	Bromobenzene	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	Bromochloromethane	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	Bromodichloromethane	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	Bromoform	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	Bromomethane	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	n-Butylbenzene	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	sec-Butylbenzene	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	tert-Butylbenzene	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	Carbon tetrachloride	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	Chlorobenzene	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	Chlorodifluoromethane	**<0.50**	ug/L	0.50	10/25/20 19:05	N3
EPA 524.2	Chloroethane	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	Chloroform	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	Chloromethane	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	2-Chlorotoluene	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	4-Chlorotoluene	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	Dibromochloromethane	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	Dibromomethane	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	1,2-Dichlorobenzene	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	1,3-Dichlorobenzene	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	1,4-Dichlorobenzene	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	Dichlorodifluoromethane	**<0.50**	ug/L	0.50	10/25/20 19:05	IL
EPA 524.2	1,1-Dichloroethane	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	1,2-Dichloroethane	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	1,1-Dichloroethene	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	cis-1,2-Dichloroethene	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	trans-1,2-Dichloroethene	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	1,2-Dichloropropane	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	1,3-Dichloropropane	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	2,2-Dichloropropane	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	1,1-Dichloropropene	**<0.50**	ug/L	0.50	10/25/20 19:05	

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575 Broad Hollow Road
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Sample: GAC-02030 **Lab ID: 70150096002** Collected: 10/19/20 10:02 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 524.2	cis-1,3-Dichloropropene	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	trans-1,3-Dichloropropene	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	Ethylbenzene	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	Hexachloro-1,3-butadiene	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	Isopropylbenzene (Cumene)	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	p-Isopropyltoluene	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	Methylene Chloride	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	Methyl-tert-butyl ether	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	n-Propylbenzene	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	Styrene	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	1,1,1,2-Tetrachloroethane	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	Tetrachloroethene	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	Toluene	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	Total Trihalomethanes (Calc.)	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	1,2,3-Trichlorobenzene	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	1,2,4-Trichlorobenzene	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	1,1,1-Trichloroethane	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	1,1,2-Trichloroethane	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	Trichloroethene	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	Trichlorofluoromethane	**<0.50**	ug/L	0.50	10/25/20 19:05	L1
EPA 524.2	1,2,3-Trichloropropane	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	1,1,2-Trichlorotrifluoroethane	**<0.50**	ug/L	0.50	10/25/20 19:05	N3
EPA 524.2	1,2,4-Trimethylbenzene	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	1,3,5-Trimethylbenzene	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	Vinyl chloride	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	m&p-Xylene	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 524.2	o-Xylene	**<0.50**	ug/L	0.50	10/25/20 19:05	
EPA 353.2	Nitrate as N	**4.3**	mg/L	0.50	10/19/20 23:50	
EPA 353.2	Nitrate-Nitrite (as N)	**4.3**	mg/L	0.50	10/19/20 23:50	
EPA 353.2	Nitrite as N	**<0.050**	mg/L	0.050	10/19/20 21:45	

Sample: AS-8/9/11 **Lab ID: 70150096003** Collected: 10/19/20 08:24 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 522	1,4-Dioxane (p-Dioxane)	**1.8**	ug/L	0.020	10/22/20 22:54	M0
EPA 524.2	Benzene	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	Bromobenzene	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	Bromochloromethane	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	Bromodichloromethane	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	Bromoform	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	Bromomethane	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	n-Butylbenzene	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	sec-Butylbenzene	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	tert-Butylbenzene	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	Carbon tetrachloride	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	Chlorobenzene	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	Chlorodifluoromethane	**<0.50**	ug/L	0.50	10/26/20 09:33	N3
EPA 524.2	Chloroethane	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	Chloroform	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	Chloromethane	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	2-Chlorotoluene	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	4-Chlorotoluene	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	Dibromochloromethane	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	Dibromomethane	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	1,2-Dichlorobenzene	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	1,3-Dichlorobenzene	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	1,4-Dichlorobenzene	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	Dichlorodifluoromethane	**<0.50**	ug/L	0.50	10/26/20 09:33	CL,IL

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Melville, NY 11747
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Sample: AS-8/9/11 **Lab ID: 70150096003** Collected: 10/19/20 08:24 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 524.2	1,1-Dichloroethane	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	1,2-Dichloroethane	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	1,1-Dichloroethene	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	cis-1,2-Dichloroethene	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	trans-1,2-Dichloroethene	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	1,2-Dichloropropane	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	1,3-Dichloropropane	**<0.50**	ug/L	0.50	10/26/20 09:33	L1
EPA 524.2	2,2-Dichloropropane	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	1,1-Dichloropropene	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	cis-1,3-Dichloropropene	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	trans-1,3-Dichloropropene	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	Ethylbenzene	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	Hexachloro-1,3-butadiene	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	Isopropylbenzene (Cumene)	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	p-Isopropyltoluene	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	Methylene Chloride	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	Methyl-tert-butyl ether	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	n-Propylbenzene	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	Styrene	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	1,1,1,2-Tetrachloroethane	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	Tetrachloroethene	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	Toluene	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	Total Trihalomethanes (Calc.)	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	1,2,3-Trichlorobenzene	**<0.50**	ug/L	0.50	10/26/20 09:33	L1
EPA 524.2	1,2,4-Trichlorobenzene	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	1,1,1-Trichloroethane	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	1,1,2-Trichloroethane	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	Trichloroethene	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	Trichlorofluoromethane	**<0.50**	ug/L	0.50	10/26/20 09:33	L1
EPA 524.2	1,2,3-Trichloropropane	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	1,1,2-Trichlorotrifluoroethane	**<0.50**	ug/L	0.50	10/26/20 09:33	N3
EPA 524.2	1,2,4-Trimethylbenzene	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	1,3,5-Trimethylbenzene	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	Vinyl chloride	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	m&p-Xylene	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 524.2	o-Xylene	**<0.50**	ug/L	0.50	10/26/20 09:33	
EPA 537	Perfluorobutanesulfonic acid	**<1.9**	ng/L	1.9	10/28/20 18:51	1j
EPA 537	Perfluoroheptanoic acid	**2.0**	ng/L	1.9	10/28/20 18:51	1j
EPA 537	Perfluorohexanesulfonic acid	**3.2**	ng/L	1.9	10/28/20 18:51	1j
EPA 537	Perfluorononanoic acid	**2.8**	ng/L	1.9	10/28/20 18:51	1j
EPA 537	Perfluorooctanesulfonic acid	**5.0**	ng/L	1.9	10/28/20 18:51	1j
EPA 537	Perfluorooctanoic acid	**5.3**	ng/L	1.9	10/28/20 18:51	1j

Sample: N-07551 **Lab ID: 70150096004** Collected: 10/19/20 08:30 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 522	1,4-Dioxane (p-Dioxane)	**0.45**	ug/L	0.020	10/22/20 23:34	
EPA 537	Perfluorobutanesulfonic acid	**<1.9**	ng/L	1.9	10/28/20 19:10	1j
EPA 537	Perfluoroheptanoic acid	**2.2**	ng/L	1.9	10/28/20 19:10	1j
EPA 537	Perfluorohexanesulfonic acid	**3.7**	ng/L	1.9	10/28/20 19:10	1j
EPA 537	Perfluorononanoic acid	**<1.9**	ng/L	1.9	10/28/20 19:10	1j
EPA 537	Perfluorooctanesulfonic acid	**4.1**	ng/L	1.9	10/28/20 19:10	1j
EPA 537	Perfluorooctanoic acid	**5.8**	ng/L	1.9	10/28/20 19:10	1j

Sample: N-07552 **Lab ID: 70150096005** Collected: 10/19/20 07:32 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 522	1,4-Dioxane (p-Dioxane)	**4.3**	ug/L	0.040	10/23/20 09:39	
EPA 537	Perfluorobutanesulfonic acid	**<1.9**	ng/L	1.9	10/28/20 18:15	1j

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575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Sample: N-07552 **Lab ID: 70150096005** Collected: 10/19/20 07:32 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 537	Perfluoroheptanoic acid	**2.5**	ng/L	1.9	10/28/20 18:15	1j
EPA 537	Perfluorohexanesulfonic acid	**4.1**	ng/L	1.9	10/28/20 18:15	1j
EPA 537	Perfluorononanoic acid	**6.1**	ng/L	1.9	10/28/20 18:15	1j
EPA 537	Perfluorooctanesulfonic acid	**6.7**	ng/L	1.9	10/28/20 18:15	1j
EPA 537	Perfluorooctanoic acid	**6.0**	ng/L	1.9	10/28/20 18:15	1j

Sample: N-13510 **Lab ID: 70150096006** Collected: 10/19/20 07:40 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 522	1,4-Dioxane (p-Dioxane)	**0.25**	ug/L	0.020	10/23/20 00:52	
EPA 537	Perfluorobutanesulfonic acid	**<1.9**	ng/L	1.9	10/28/20 18:33	1j
EPA 537	Perfluoroheptanoic acid	**<1.9**	ng/L	1.9	10/28/20 18:33	1j
EPA 537	Perfluorohexanesulfonic acid	**2.7**	ng/L	1.9	10/28/20 18:33	1j
EPA 537	Perfluorononanoic acid	**<1.9**	ng/L	1.9	10/28/20 18:33	1j
EPA 537	Perfluorooctanesulfonic acid	**4.1**	ng/L	1.9	10/28/20 18:33	1j
EPA 537	Perfluorooctanoic acid	**4.0**	ng/L	1.9	10/28/20 18:33	1j

SAMPLE QUALIFIERS

Sample: 70150096001

[1] 1j=A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

BATCH QUALIFIERS

Batch: 677085

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1j	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
CL	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.
IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
N3	Accreditation is not offered by the relevant laboratory accrediting body for this parameter.

Reviewed by:

Jennifer Aracri
(631)694-3040
jennifer.aracri@pacelabs.com

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Pace Analytical Services Ormond Beach

Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

Pace Analytical Services Long Island

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

WO#: 70150096

70150096

747

Sample Request Form
PUBLIC WATER SUPPLIER

Rel. [illegible] 10/19/20 1437

Date: 10/19/20

Collected By: R. Mallon

Accepted By: [illegible] 10/19/20 1342

Cooler Temp: 2.1 °C

☐ WELL OFF LINE

☑ WELL RUN TO SYSTEM

☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Client Info: Italo J. Vacchio, Superintendent

Name or Code: ~~Port Washington Water District~~

Address: ~~P.O. Box 432~~

~~38 Sandy Hollow Road~~

Phone #: ~~Port Washington, NY 11050~~

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.
10/19/20 0950	GW	Neulist 3 N-02030	RW	O	RO			BAC	001
10/19/20 0946	GW	Neulist 3 N-02030	RW	O	RO			POC	↓
10/19/20 0942	GW	Neulist 3 N-02030	RW	O	RO			Nitrate	↓
10/19/20 1005	GW	Neulist 3 GAC-02030	TW	GAC	RO			Bac Series 0'	
10/19/20 1007	GW	Neulist 3 GAC-02030	TW	GAC	RO			Bac Series 2'	
10/19/20 1010	GW	Neulist 3 GAC-02030	TW	GAC	RO			Bac Series 5'	
10/19/20 1015	GW	Neulist 3 GAC-02030	TW	GAC	RO			Bac Series 10'	
10/19/20 1035	GW	Neulist 3 GAC-02030	TW	GAC	RO			Bac Series 30'	
10/19/20 1001	GW	Neulist 3 GAC-02030	TW	GAC	RO			POC	002
10/19/20 1000	GW	Neulist 3 GAC-02030	TW	GAC	RO			Nitrate	↓

Remarks:

Pace Analytical®
www.pacelabs.com
575 Broad Hollow Rd., Melville, NY 11747
(631) 694-3040 Fax: (631) 420-8436

Sample Request Form
PUBLIC WATER SUPPLIER

Rel. [illegible] 10/19/20 1437

Date: 10/19/20
Collected By: R. Mellon
Accepted By: [illegible] 10/19/20 1342
Cooler Temp: 2.1 °C

☐ WELL OFF LINE
☑ WELL RUN TO SYSTEM
☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Client Info:
Name or Code: Italo J. Vacchio, Superintendent
Address: Port Washington Water District
P.O. Box 432
38 Sandy Hollow Road
Port Washington, NY 11050
Phone #:
Attn:
Proj. # or (Name):
Bill To:
Copies To:

Sample Types
PW - Potable Water
GW - Groundwater
SW - Surface Water
WW - Waste Water
AQ - Aqueous
S - Soil

Purpose
RO - Routine
RE - Resample
S - Special

Origin
D - Distribution
RW - Raw Well
TW - Treated Well
T - Tank
MW - Monitoring Well
I - Influent
E - Effluent

Treatment Types
AST - Air Stripper
GAC - Granular Activated Charcoal
N - Nitrate Removal Plant
FE - Iron Removal Plant
O - Other

Sample Info:

Date/Time Collected:	Sample Type	Location	Origin	Treatment Type	Purpose	Field Readings Cl_2	Field Readings pH/Temp	Analysis	Lab No.
10/19/20 0824	GW	Morley 8,9+11 AS-8/9/11	TW	AST	RO			POC	003
10/19/20 0820	GW	Morley 8,9+11 AS-8/9/11	TW	AST	RO			PFAS	↓
10/19/20 0822	GW	Morley 8,9+11 AS-8/9/11	TW	AST	RO			Dioxane	

Remarks:

Pace Analytical®
www.pacelabs.com
575 Broad Hollow Rd., Melville, NY 11747
(631) 694-3040 Fax: (631) 420-8436

Sample Request Form

PUBLIC WATER SUPPLIER

Rcd. [illegible] 10/19/20 1437

Date: 10/19/20

Collected By: R. Mellon

Accepted By: [illegible] 10/19/20 1342

Cooler Temp: 2.1 °C

☐ WELL OFF LINE

☑ WELL RUN TO SYSTEM

☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: Italo J. Vacchio, Superintendent

Address: Port Washington Water District
P.O. Box 432
38 Sandy Hollow Road
Port Washington, NY 11050

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.
10/19/20 0828	GW	Morley 8 N-07551	RW	O	RO			PFAS	004
10/19/20 0830	GW	Morley 8 N-07551	RW	O	RO			Dioxane	↓

Remarks:

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575 Broad Hollow Rd., Melville, NY 11747
(631) 694-3040 Fax: (631) 420-8436

Sample Request Form
PUBLIC WATER SUPPLIER

Rel. [illegible] 10/19/20 1437

Date: 10/19/20
Collected By: R. Mellon
Accepted By: [illegible] 10/19/20 1342
Cooler Temp: 2.1 °C

☐ WELL OFF LINE
☑ WELL RUN TO SYSTEM
☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Client Info: Italo J. Vacchio, Superintendent
Name or Code: Port Washington Water District
Address: P.O. Box 432
38 Sandy Hollow Road
Phone #: Port Washington, NY 11050
Attn:
Proj. # or (Name):
Bill To:
Copies To:

Sample Types	Purpose	Origin	Treatment Types
PW - Potable Water	RO - Routine	D - Distribution	AST - Air Stripper
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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.
10/19/20 0730	GW	Morley 9 N-07552	RW	O	RO			PFAS	005
10/19/20 0732	GW	Morley 9 N-07552	RW	O	RO			Dioxane	↓

Remarks:

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(631) 694-3040 Fax: (631) 420-8436

Sample Request Form

Rel. [illegible] 10/19/20 1437

PUBLIC WATER SUPPLIER

Date: 10/19/20

Collected By: R. Mallon

Accepted By: [illegible] 10/19/20 1342

Cooler Temp: 2.1 °C

☐ WELL OFF LINE

☑ WELL RUN TO SYSTEM

☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: Italo J. Vacchio, Superintendent

Address: Port Washington Water District
P.O. Box 432
38 Sandy Hollow Road
Port Washington, NY 11050

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.
10/19/20 0736	GW	Morley Park 11 N-13510	RW	O	RO			PFAS	006
10/19/20 0740	GW	Morley Park 11 N-13510	RW	O	RO			DIOXANE	↓

Remarks:

Pace Analytical

Sample Condition Upon Receipt

WO#: 70150096

PM: JSA **Due Date: 10/28/20**

CLIENT: PWW

Client Name: PWWD

Pro

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: -0.2

☑ Samples on ice, cooling process has begun

Cooler Temperature (°C): 2.1 Cooler Temperature Corrected (°C): 1.9

Date/Time 5035A kits placed in freezer 10/19/20

Temp should be above freezing to 6.0°C

USDA Regulated Soil (☐ N/A, water sample)

Date and Initials of person examining contents: IJ 1437

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 orignate 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:	☑ Yes	☐ No		1.
Chain of Custody Filled Out:	☑ Yes	☐ No		2.
Chain of Custody Relinquished:	☑ Yes	☐ No		3.
Sampler Name & Signature on COC:	☑ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time:	☑ Yes	☐ No		5.
Short Hold Time Analysis (<72hr):	☑ Yes	☐ No		6.
Rush Turn Around Time Requested:	☐ Yes	☑ No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☑ Yes	☐ No		8.
Correct Containers Used:	☑ Yes	☐ No		9.
-Pace Containers Used:	☑ Yes	☐ No		
Containers Intact:	☑ Yes	☐ No		10.
Filtered volume received for Dissolved tests	☐ Yes	☐ No	☑ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☑ Yes	☐ No		12.
-Includes date/time/ID/Analysis Matrix SL WT OIL				
All containers needing preservation have been checked	☐ Yes	☐ No	☑ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot #				Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, 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	☐ Yes	☐ No	☑ N/A	Initial when completed: / Lot # of added preservative: / Date/Time preservative added
Samples checked for dechlorination:	☐ Yes	☐ No	☑ N/A	14.
KI starch test strips Lot #				Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #				
Headspace in VOA Vials (>6mm):	☐ Yes	☑ No	☐ N/A	15.
Trip Blank Present:	☐ Yes	☐ No	☑ N/A	16.
Trip Blank Custody Seals Present	☐ Yes	☐ No	☑ 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.

F-LI-C-002-rev.02

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Laboratory Report

Supt.Tal Vacchio
Port Washington W.D.
P.O. BOX 432
Port Washington, NY 11050

Report Date: 11/11/2020
Date Received: 11/02/2020

Project: DIOXANE/PFOAS/POC/BAC/NO2 11/2
Pace Project No.: 70151775

Sample: N-09809 **Lab ID: 70151775001** Collected: 11/02/20 08:32 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 522	1,4-Dioxane (p-Dioxane)	**0.76**	ug/L	0.020	11/10/20 16:59	
EPA 537.1	Perfluorobutanesulfonic acid	**<1.9**	ng/L	1.9	11/10/20 10:39	
EPA 537.1	Perfluoroheptanoic acid	**<1.9**	ng/L	1.9	11/10/20 10:39	
EPA 537.1	Perfluorohexanesulfonic acid	**2.3**	ng/L	1.9	11/10/20 10:39	
EPA 537.1	Perfluorononanoic acid	**<1.9**	ng/L	1.9	11/10/20 10:39	
EPA 537.1	Perfluorooctanesulfonic acid	**<1.9**	ng/L	1.9	11/10/20 10:39	
EPA 537.1	Perfluorooctanoic acid	**3.3**	ng/L	1.9	11/10/20 10:39	

Sample: GAC-09809 **Lab ID: 70151775002** Collected: 11/02/20 08:42 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 522	1,4-Dioxane (p-Dioxane)	**0.82**	ug/L	0.020	11/10/20 17:31	
EPA 524.2	Benzene	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	Bromobenzene	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	Bromochloromethane	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	Bromodichloromethane	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	Bromoform	**1.5**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	Bromomethane	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	n-Butylbenzene	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	sec-Butylbenzene	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	tert-Butylbenzene	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	Carbon tetrachloride	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	Chlorobenzene	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	Chlorodifluoromethane	**<0.50**	ug/L	0.50	11/08/20 21:10	N3
EPA 524.2	Chloroethane	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	Chloroform	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	Chloromethane	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	2-Chlorotoluene	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	4-Chlorotoluene	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	Dibromochloromethane	**0.70**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	Dibromomethane	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	1,2-Dichlorobenzene	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	1,3-Dichlorobenzene	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	1,4-Dichlorobenzene	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	Dichlorodifluoromethane	**<0.50**	ug/L	0.50	11/08/20 21:10	IL
EPA 524.2	1,1-Dichloroethane	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	1,2-Dichloroethane	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	1,1-Dichloroethene	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	cis-1,2-Dichloroethene	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	trans-1,2-Dichloroethene	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	1,2-Dichloropropane	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	1,3-Dichloropropane	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	2,2-Dichloropropane	**<0.50**	ug/L	0.50	11/08/20 21:10	

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Sample: GAC-09809 **Lab ID: 70151775002** Collected: 11/02/20 08:42 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 524.2	1,1-Dichloropropene	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	cis-1,3-Dichloropropene	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	trans-1,3-Dichloropropene	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	Ethylbenzene	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	Hexachloro-1,3-butadiene	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	Isopropylbenzene (Cumene)	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	p-Isopropyltoluene	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	Methylene Chloride	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	Methyl-tert-butyl ether	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	n-Propylbenzene	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	Styrene	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	1,1,1,2-Tetrachloroethane	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	Tetrachloroethene	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	Toluene	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	Total Trihalomethanes (Calc.)	**2.2**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	1,2,3-Trichlorobenzene	**<0.50**	ug/L	0.50	11/08/20 21:10	L1
EPA 524.2	1,2,4-Trichlorobenzene	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	1,1,1-Trichloroethane	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	1,1,2-Trichloroethane	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	Trichloroethene	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	Trichlorofluoromethane	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	1,2,3-Trichloropropane	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	1,1,2-Trichlorotrifluoroethane	**<0.50**	ug/L	0.50	11/08/20 21:10	N3
EPA 524.2	1,2,4-Trimethylbenzene	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	1,3,5-Trimethylbenzene	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	Vinyl chloride	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	m&p-Xylene	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 524.2	o-Xylene	**<0.50**	ug/L	0.50	11/08/20 21:10	
EPA 537.1	Perfluorobutanesulfonic acid	**<1.9**	ng/L	1.9	11/10/20 10:54	
EPA 537.1	Perfluoroheptanoic acid	**<1.9**	ng/L	1.9	11/10/20 10:54	
EPA 537.1	Perfluorohexanesulfonic acid	**<1.9**	ng/L	1.9	11/10/20 10:54	
EPA 537.1	Perfluorononanoic acid	**<1.9**	ng/L	1.9	11/10/20 10:54	
EPA 537.1	Perfluorooctanesulfonic acid	**<1.9**	ng/L	1.9	11/10/20 10:54	
EPA 537.1	Perfluorooctanoic acid	**<1.9**	ng/L	1.9	11/10/20 10:54	

Sample: N-05876 **Lab ID: 70151775003** Collected: 11/02/20 09:50 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
SM22 9223B Colilert	Total Coliforms	**Absent**			11/03/20 12:15	
SM22 9223B Colilert	E.coli	**Absent**			11/03/20 12:15	
EPA 524.2	Benzene	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	Bromobenzene	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	Bromochloromethane	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	Bromodichloromethane	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	Bromoform	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	Bromomethane	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	n-Butylbenzene	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	sec-Butylbenzene	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	tert-Butylbenzene	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	Carbon tetrachloride	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	Chlorobenzene	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	Chlorodifluoromethane	**<0.50**	ug/L	0.50	11/08/20 21:36	N3
EPA 524.2	Chloroethane	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	Chloroform	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	Chloromethane	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	2-Chlorotoluene	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	4-Chlorotoluene	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	Dibromochloromethane	**<0.50**	ug/L	0.50	11/08/20 21:36	

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Sample: N-05876 **Lab ID: 70151775003** Collected: 11/02/20 09:50 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 524.2	Dibromomethane	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	1,2-Dichlorobenzene	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	1,3-Dichlorobenzene	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	1,4-Dichlorobenzene	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	Dichlorodifluoromethane	**<0.50**	ug/L	0.50	11/08/20 21:36	IL
EPA 524.2	1,1-Dichloroethane	**1.5**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	1,2-Dichloroethane	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	1,1-Dichloroethene	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	cis-1,2-Dichloroethene	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	trans-1,2-Dichloroethene	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	1,2-Dichloropropane	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	1,3-Dichloropropane	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	2,2-Dichloropropane	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	1,1-Dichloropropene	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	cis-1,3-Dichloropropene	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	trans-1,3-Dichloropropene	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	Ethylbenzene	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	Hexachloro-1,3-butadiene	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	Isopropylbenzene (Cumene)	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	p-Isopropyltoluene	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	Methylene Chloride	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	Methyl-tert-butyl ether	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	n-Propylbenzene	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	Styrene	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	1,1,1,2-Tetrachloroethane	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	Tetrachloroethene	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	Toluene	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	Total Trihalomethanes (Calc.)	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	1,2,3-Trichlorobenzene	**<0.50**	ug/L	0.50	11/08/20 21:36	L1
EPA 524.2	1,2,4-Trichlorobenzene	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	1,1,1-Trichloroethane	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	1,1,2-Trichloroethane	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	Trichloroethene	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	Trichlorofluoromethane	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	1,2,3-Trichloropropane	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	1,1,2-Trichlorotrifluoroethane	**<0.50**	ug/L	0.50	11/08/20 21:36	N3
EPA 524.2	1,2,4-Trimethylbenzene	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	1,3,5-Trimethylbenzene	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	Vinyl chloride	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	m&p-Xylene	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 524.2	o-Xylene	**<0.50**	ug/L	0.50	11/08/20 21:36	
EPA 353.2	Nitrate as N	**5.6**	mg/L	0.50	11/02/20 23:52	
EPA 353.2	Nitrate-Nitrite (as N)	**5.7**	mg/L	0.50	11/02/20 23:52	
EPA 353.2	Nitrite as N	**<0.050**	mg/L	0.050	11/02/20 21:53	

ANALYTE QUALIFIERS

IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
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.

Reviewed by:

Jennifer Aracri
(631)694-3040
jennifer.aracri@pacelabs.com

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174
Alaska DEC- CS/UST/LUST
Alabama Certification #: 41320
Arizona Certification# AZ0819
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
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
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
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
Virginia Environmental Certification #: 460165
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

Pace Analytical Services Long Island

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

WO#: 70151775

70151775

Sample Request Form
PUBLIC WATER SUPPLIER

Rel. [redacted] 11/2/20 1431

Date: 11/2/20

Collected By: R. Mallon

Accepted By: [redacted] 11/2/20 1310

Cooler Temp: 2.1 °C

☐ WELL OFF LINE

☑ WELL RUN TO SYSTEM

☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: Italo J. Vacchio, Superintendent
~~Port Washington Water District~~

Address: P.O. Box 432
~~38 Sandy Hollow Road~~
~~Port Washington, NY 11050~~

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.
11/2/20 0832	GW	Stonytown 10 N-09809	RW	O	RO			Dioxane	001
11-2-20 0830	GW	Stonytown 10 N-09809	RW	O	RO			PFAS	↓
11-2-20 0840	GW	Stonytown 10 GAC-09809	TW	GAC	RO			POC	002
11-2-20 0842	GW	Stonytown 10 GAC-09809	TW	GAC	RO			Dioxane	↓
11-2-20 0836	GW	Stonytown 10 GAC-09809	TW	GAC	RO			PFAS	↓

Remarks:

Pace Analytical®
www.pacelabs.com

575 Broad Hollow Rd., Melville, NY 11747
(631) 694-3040 Fax: (631) 420-8436

Sample Request Form
PUBLIC WATER SUPPLIER

Rel. [illegible] 11/2/20 1431

Date: 11/2/2020
Collected By: R. Mellor
Accepted By: [illegible] 11/2/20 1310
Cooler Temp: 2.1 °C

☑ WELL OFF LINE _____
☐ WELL RUN TO SYSTEM _____
☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Client Info:
Name or Code: Italo J. Vacchio, Superintendent
Address: ~~Port Washington Water District~~ ~~P.O. Box 432~~ ~~38 Sandy Hollow Road~~ ~~Port Washington, NY 11050~~
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.
11/2/20 0948	GW	Ricks Well 7 N-05876	RW	O	RO			BAC	003
11-2-20 0950	GW	Ricks Well 7 N-05876	RW	O	RO			POC	↓
11-2-20 0945	GW	Ricks Well 7 N-05876	RW	O	RO			Nitrate	↓

Remarks:

Pace Analytical

Sample Condition Upon Receipt

WO#: 70151775

PM: JSA **Due Date: 11/12/20**

CLIENT: PWW

Client Name: PWWD

Pro

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace ☐ Other

Tracking #:

Temperature Blank Present: ☐ Yes ☑ No

Custody Seal on Cooler/Box Present: ☑ Yes ☐ No Seals intact: ☑ Yes ☐ No

Type of Ice: (Wet) Blue None

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ Ziploc ☑ None ☐ Other

☐ Samples on ice, cooling process has begun

Thermometer Used: TH091 ✓ Correction Factor: −0.2

Date/Time 5035A kits placed in freezer

Cooler Temperature (°C): 2.1 Cooler Temperature Corrected (°C): 1.9

Temp should be above freezing to 6.0°C

Date and Initials of person examining contents: I.I 1431 11/2/20

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 (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:	☑ Yes	☐ No		1.
Chain of Custody Filled Out:	☑ Yes	☐ No		2.
Chain of Custody Relinquished:	☑ Yes	☐ No		3.
Sampler Name & Signature on COC:	☑ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time:	☑ Yes	☐ No		5.
Short Hold Time Analysis (<72hr):	☑ Yes	☐ No		6.
Rush Turn Around Time Requested:	☐ Yes	☑ No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☑ Yes	☐ No		8.
Correct Containers Used:	☑ Yes	☐ No		9.
-Pace Containers Used:	☑ Yes	☐ No		
Containers Intact:	☑ Yes	☐ No		10.
Filtered volume received for Dissolved tests	☑ Yes	☐ No	☑ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☑ Yes	☐ No		12.
-Includes date/time/ID/Analysis Matrix SL WT OIL				
All containers needing preservation have been checked	☐ Yes	☐ No	☑ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot #				Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NaOH>12 Cyanide)	☐ Yes	☐ No	☑ 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:	☐ Yes	☐ No	☑ N/A	14.
KI starch test strips Lot #				Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #				
Headspace in VOA Vials (>6mm):	☐ Yes	☑ No	☐ N/A	15.
Trip Blank Present:	☐ Yes	☑ No	☐ N/A	16.
Trip Blank Custody Seals Present	☐ Yes	☐ No	☑ N/A	
Pace Trip Blank Lot # (if applicable):				

Field Data Required? Y / N

Client Notification/ Resolution:

Date/Time:

Person Contacted:

Comments/ Resolution:

F-LI-C-002-rev.02

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

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Laboratory Report

Supt.Tal Vacchio
Port Washington W.D.
P.O. BOX 432
Port Washington, NY 11050

Report Date: 11/20/2020
Date Received: 11/09/2020

Project: 1,4 DIOX/PFOS/POC 151/9
Pace Project No.: 70152686

Sample: N-05209 **Lab ID: 70152686001** Collected: 11/09/20 08:35 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 522	1,4-Dioxane (p-Dioxane)	**0.031**	ug/L	0.020	11/20/20 04:01	
EPA 537.1	Perfluorobutanesulfonic acid	**<1.9**	ng/L	1.9	11/14/20 17:37	
EPA 537.1	Perfluoroheptanoic acid	**<1.9**	ng/L	1.9	11/14/20 17:37	
EPA 537.1	Perfluorohexanesulfonic acid	**2.5**	ng/L	1.9	11/14/20 17:37	
EPA 537.1	Perfluorononanoic acid	**<1.9**	ng/L	1.9	11/14/20 17:37	
EPA 537.1	Perfluorooctanesulfonic acid	**<1.9**	ng/L	1.9	11/14/20 17:37	
EPA 537.1	Perfluorooctanoic acid	**2.8**	ng/L	1.9	11/14/20 17:37	

Sample: AS-05209 **Lab ID: 70152686002** Collected: 11/09/20 08:44 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 524.2	Benzene	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	Bromobenzene	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	Bromochloromethane	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	Bromodichloromethane	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	Bromoform	**0.73**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	Bromomethane	**<0.50**	ug/L	0.50	11/14/20 15:47	L1
EPA 524.2	n-Butylbenzene	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	sec-Butylbenzene	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	tert-Butylbenzene	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	Carbon tetrachloride	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	Chlorobenzene	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	Chlorodifluoromethane	**<0.50**	ug/L	0.50	11/14/20 15:47	L2,N3
EPA 524.2	Chloroethane	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	Chloroform	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	Chloromethane	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	2-Chlorotoluene	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	4-Chlorotoluene	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	Dibromochloromethane	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	Dibromomethane	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	1,2-Dichlorobenzene	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	1,3-Dichlorobenzene	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	1,4-Dichlorobenzene	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	Dichlorodifluoromethane	**<0.50**	ug/L	0.50	11/14/20 15:47	v3
EPA 524.2	1,1-Dichloroethane	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	1,2-Dichloroethane	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	1,1-Dichloroethene	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	cis-1,2-Dichloroethene	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	trans-1,2-Dichloroethene	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	1,2-Dichloropropane	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	1,3-Dichloropropane	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	2,2-Dichloropropane	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	1,1-Dichloropropene	**<0.50**	ug/L	0.50	11/14/20 15:47	

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Sample: AS-05209 **Lab ID: 70152686002** Collected: 11/09/20 08:44 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 524.2	cis-1,3-Dichloropropene	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	trans-1,3-Dichloropropene	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	Ethylbenzene	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	Hexachloro-1,3-butadiene	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	Isopropylbenzene (Cumene)	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	p-Isopropyltoluene	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	Methylene Chloride	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	Methyl-tert-butyl ether	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	n-Propylbenzene	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	Styrene	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	1,1,1,2-Tetrachloroethane	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	Tetrachloroethene	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	Toluene	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	Total Trihalomethanes (Calc.)	**0.73**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	1,2,3-Trichlorobenzene	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	1,2,4-Trichlorobenzene	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	1,1,1-Trichloroethane	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	1,1,2-Trichloroethane	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	Trichloroethene	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	Trichlorofluoromethane	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	1,2,3-Trichloropropane	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	1,1,2-Trichlorotrifluoroethane	**<0.50**	ug/L	0.50	11/14/20 15:47	L2,N3
EPA 524.2	1,2,4-Trimethylbenzene	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	1,3,5-Trimethylbenzene	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	Vinyl chloride	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	m&p-Xylene	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 524.2	o-Xylene	**<0.50**	ug/L	0.50	11/14/20 15:47	
EPA 537.1	Perfluorobutanesulfonic acid	**<1.9**	ng/L	1.9	11/14/20 17:52	
EPA 537.1	Perfluoroheptanoic acid	**<1.9**	ng/L	1.9	11/14/20 17:52	
EPA 537.1	Perfluorohexanesulfonic acid	**2.6**	ng/L	1.9	11/14/20 17:52	
EPA 537.1	Perfluorononanoic acid	**<1.9**	ng/L	1.9	11/14/20 17:52	
EPA 537.1	Perfluorooctanesulfonic acid	**<1.9**	ng/L	1.9	11/14/20 17:52	
EPA 537.1	Perfluorooctanoic acid	**2.9**	ng/L	1.9	11/14/20 17:52	

ANALYTE QUALIFIERS

L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
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.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

Reviewed by:

Jennifer Aracri
(631)694-3040
jennifer.aracri@pacelabs.com

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Pace Analytical Services Ormond Beach

Louisiana Environmental Certificate #: 05007
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
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
Virginia Environmental Certification #: 460165
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

Pace Analytical Services Long Island

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

WO#: 70152686

70152686

Sample Request Form
PUBLIC WATER SUPPLIER

Date: 11/ 9 /20

Collected By: Richard Zimbardi

Accepted By: 12:51 11/09/20

Cooler Temp: °C

☐ WELL OFF LINE

☑ WELL RUN TO SYSTEM

☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: Italo J. Vacchio, Superintendent

Address: Port Washington Water District
P.O. Box 432
38 Sandy Hollow Road
Port Washington, NY 11050

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.
11/9/20 8:35	GW	Bar Beach 6 N-05209	RW	O	RO			Dioxane	
8:33	GW	Bar Beach 6 N-05209	RW	O	RO			PFAS	
11/9/20 8:44	GW	Bar Beach 6 AS-05209	TW	AST	RO			POC	
8:42	GW	Bar Beach 6 AS-05209	TW	AST	RO			PFAS	

Remarks:

Pace Analytical

Sample Condition Upon Receipt

WO#: 70152686
PM: JSA Due Date: 11/18/20
CLIENT: PWW

Client Name: Port Washington

Projec

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: −0.2

☑ Samples on ice, cooling process has begun

Cooler Temperature (°C): 8.7 Cooler Temperature Corrected (°C): 8.5

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: 11/09/20 EU

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 orignate 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:	☐Yes	☐No		1.
Chain of Custody Filled Out:	☐Yes	☐No		2.
Chain of Custody Relinquished:	☐Yes	☐No		3.
Sampler Name & Signature on COC:	☐Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☐Yes	☐No		5.
Short Hold Time Analysis (<72hr):	☐Yes	☐No		6.
Rush Turn Around Time Requested:	☐Yes	☐No		7.
Sufficient Volume: (Triple volume provided for MS/MSD	☐Yes	☐No		8.
Correct Containers Used:	☐Yes	☐No		9.
-Pace Containers Used:	☐Yes	☐No		
Containers Intact:	☐Yes	☐No		10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☐N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☐Yes	☐No		12.
-Includes date/time/ID/Analysis Matrix SL WT OIL				
All containers needing preservation have been checked	☐Yes	☐No	☐N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot #				Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, 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	☐Yes	☐No	☐N/A	Initial when completed: / Lot # of added preservative: / Date/Time preservative added
Samples checked for dechlorination:	☐Yes	☐No	☐N/A	14.
KI starch test strips Lot #				
Residual chlorine strips Lot #				Positive for Res. Chlorine? Y N
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☐N/A	15.
Trip Blank Present:	☐Yes	☐No	☐N/A	16.
Trip Blank Custody Seals Present	☐Yes	☐No	☐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.**

F-LI-C-002-rev.02

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Laboratory Report

Supt.Tal Vacchio
Port Washington W.D.
P.O. BOX 432
Port Washington, NY 11050

Report Date: 11/20/2020
Date Received: 11/09/2020

Project: 504/1,4/PFOS/POC/NO3 11/9
Pace Project No.: 70152687

Sample: N-02052 **Lab ID: 70152687001** Collected: 11/09/20 10:26 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 504.1	1,2-Dibromo-3-chloropropane	**<0.010**	ug/L	0.010	11/11/20 00:09	
EPA 504.1	1,2-Dibromoethane (EDB)	**<0.010**	ug/L	0.010	11/11/20 00:09	
EPA 522	1,4-Dioxane (p-Dioxane)	**0.97**	ug/L	0.020	11/20/20 04:39	
EPA 537.1	Perfluorobutanesulfonic acid	**<1.9**	ng/L	1.9	11/15/20 22:14	
EPA 537.1	Perfluoroheptanoic acid	**2.3**	ng/L	1.9	11/15/20 22:14	
EPA 537.1	Perfluorohexanesulfonic acid	**3.3**	ng/L	1.9	11/15/20 22:14	
EPA 537.1	Perfluorononanoic acid	**33.0**	ng/L	1.9	11/15/20 22:14	
EPA 537.1	Perfluorooctanesulfonic acid	**5.7**	ng/L	1.9	11/15/20 22:14	
EPA 537.1	Perfluorooctanoic acid	**4.8**	ng/L	1.9	11/15/20 22:14	

Sample: GAC-02052 **Lab ID: 70152687002** Collected: 11/09/20 10:13 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 504.1	1,2-Dibromo-3-chloropropane	**<0.010**	ug/L	0.010	11/11/20 00:34	
EPA 504.1	1,2-Dibromoethane (EDB)	**<0.010**	ug/L	0.010	11/11/20 00:34	
EPA 522	1,4-Dioxane (p-Dioxane)	**0.92**	ug/L	0.020	11/20/20 05:16	
EPA 524.2	Benzene	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	Bromobenzene	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	Bromochloromethane	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	Bromodichloromethane	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	Bromoform	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	Bromomethane	**<0.50**	ug/L	0.50	11/14/20 19:19	L1
EPA 524.2	n-Butylbenzene	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	sec-Butylbenzene	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	tert-Butylbenzene	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	Carbon tetrachloride	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	Chlorobenzene	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	Chlorodifluoromethane	**<0.50**	ug/L	0.50	11/14/20 19:19	L2,N3
EPA 524.2	Chloroethane	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	Chloroform	**0.71**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	Chloromethane	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	2-Chlorotoluene	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	4-Chlorotoluene	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	Dibromochloromethane	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	Dibromomethane	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	1,2-Dichlorobenzene	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	1,3-Dichlorobenzene	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	1,4-Dichlorobenzene	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	Dichlorodifluoromethane	**<0.50**	ug/L	0.50	11/14/20 19:19	v3
EPA 524.2	1,1-Dichloroethane	**1.3**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	1,2-Dichloroethane	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	1,1-Dichloroethene	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	cis-1,2-Dichloroethene	**0.78**	ug/L	0.50	11/14/20 19:19	

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Sample: GAC-02052 **Lab ID: 70152687002** Collected: 11/09/20 10:13 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 524.2	trans-1,2-Dichloroethene	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	1,2-Dichloropropane	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	1,3-Dichloropropane	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	2,2-Dichloropropane	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	1,1-Dichloropropene	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	cis-1,3-Dichloropropene	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	trans-1,3-Dichloropropene	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	Ethylbenzene	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	Hexachloro-1,3-butadiene	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	Isopropylbenzene (Cumene)	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	p-Isopropyltoluene	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	Methylene Chloride	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	Methyl-tert-butyl ether	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	n-Propylbenzene	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	Styrene	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	1,1,1,2-Tetrachloroethane	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	Tetrachloroethene	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	Toluene	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	Total Trihalomethanes (Calc.)	**0.71**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	1,2,3-Trichlorobenzene	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	1,2,4-Trichlorobenzene	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	1,1,1-Trichloroethane	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	1,1,2-Trichloroethane	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	Trichloroethene	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	Trichlorofluoromethane	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	1,2,3-Trichloropropane	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	1,1,2-Trichlorotrifluoroethane	**<0.50**	ug/L	0.50	11/14/20 19:19	L2,N3
EPA 524.2	1,2,4-Trimethylbenzene	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	1,3,5-Trimethylbenzene	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	Vinyl chloride	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	m&p-Xylene	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 524.2	o-Xylene	**<0.50**	ug/L	0.50	11/14/20 19:19	
EPA 537.1	Perfluorobutanesulfonic acid	**<1.8**	ng/L	1.8	11/15/20 21:59	
EPA 537.1	Perfluoroheptanoic acid	**<1.8**	ng/L	1.8	11/15/20 21:59	
EPA 537.1	Perfluorohexanesulfonic acid	**<1.8**	ng/L	1.8	11/15/20 21:59	
EPA 537.1	Perfluorononanoic acid	**<1.8**	ng/L	1.8	11/15/20 21:59	
EPA 537.1	Perfluorooctanesulfonic acid	**<1.8**	ng/L	1.8	11/15/20 21:59	
EPA 537.1	Perfluorooctanoic acid	**<1.8**	ng/L	1.8	11/15/20 21:59	

Sample: N-02052 **Lab ID: 70152687003** Collected: 11/09/20 10:23 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 353.2	Nitrate as N	**9.3**	mg/L	0.50	11/09/20 23:03	
EPA 353.2	Nitrate-Nitrite (as N)	**9.3**	mg/L	0.50	11/09/20 23:03	
EPA 353.2	Nitrite as N	**<0.050**	mg/L	0.050	11/09/20 20:49	

Sample: NR-02052 **Lab ID: 70152687004** Collected: 11/09/20 10:07 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 353.2	Nitrate as N	**9.5**	mg/L	0.50	11/09/20 23:05	
EPA 353.2	Nitrate-Nitrite (as N)	**9.5**	mg/L	0.50	11/09/20 23:05	
EPA 353.2	Nitrite as N	**<0.050**	mg/L	0.050	11/09/20 20:50	

Sample: GAC-02052 **Lab ID: 70152687005** Collected: 11/09/20 10:06 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 353.2	Nitrate as N	**6.9**	mg/L	0.50	11/09/20 23:06	
EPA 353.2	Nitrate-Nitrite (as N)	**6.9**	mg/L	0.50	11/09/20 23:06	
EPA 353.2	Nitrite as N	**<0.050**	mg/L	0.050	11/09/20 20:54	

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575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTE QUALIFIERS

L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
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.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

Reviewed by:

Jennifer Aracri
(631)694-3040
jennifer.aracri@pacelabs.com

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174
Alaska DEC- CS/UST/LUST
Alabama Certification #: 41320
Arizona Certification# AZ0819
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
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
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
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
Virginia Environmental Certification #: 460165
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

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Maryland Certification #: 208
Rhode Island Certification #: LAO00340
Massachusetts Certification #: M-NY026
New Hampshire Certification #: 2987

WO#: 70152687

70152687

(631) 694-3040 Fax: (631) 420-8436

Sample Request Form
PUBLIC WATER SUPPLIER

Date: 11/9/20

Collected By: Richard Zimbardi

Accepted By: 12:51 11/09/20

Cooler Temp: °C

☐ WELL OFF LINE

☑ WELL RUN TO SYSTEM

☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: Italo J. Vacchio, Superintendent

Address: Port Washington Water District
P.O. Box 432
38 Sandy Hollow Road
Port Washington, NY 11050

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.
11/9/20 10:25	GW	Hewlett 4 N-02052	RW	O	RO			Method 504	
10:26	GW	Hewlett 4 N-02052	RW	O	RO			Dioxane	
10:24	GW	Hewlett 4 N-02052	RW	O	RO			PFAS	
10:13	GW	Hewlett 4 GAC-02052	TW	GAC	RO			POC	
10:11	GW	Hewlett 4 GAC-02052	TW	GAC	RO			Method 504	
10:10	GW	Hewlett 4 GAC-02052	TW	GAC	RO			Dioxane	
10:08	GW	Hewlett 4 GAC-02052	TW	GAC	RO			PFAS	

Remarks:

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www.pacelabs.com

575 Broad Hollow Rd., Melville, NY 11747
(631) 694-3040 Fax: (631) 420-8436

Sample Request Form
PUBLIC WATER SUPPLIER

Date: 11/9/20
Collected By: Richard Zimbardi
Accepted By: 12:51 11/09/20
Cooler Temp: °C

☐ WELL OFF LINE
☑ WELL RUN TO SYSTEM
☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: Italo J. Vacchio, Superintendent
Address: Port Washington Water District
P.O. Box 432
38 Sandy Hollow Road
Port Washington, NY 11050
Phone #:
Attn:
Proj. # or (Name):
Bill To:
Copies To:

Sample Types	Purpose	Origin	Treatment Types
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GW - Groundwater	RE - Resample	RW - Raw Well	GAC - Granular Activated Charcoal
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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.
11/10:53	GW	Hewlett 4 N-02052	RW	O	RO			Nitrate	
10:07	GW	Hewlett 4 NR-02052	TW	N	RO			Nitrate	
10:06	GW	Hewlett 4 GAC-02052	TW	GAC	RO			Nitrate	

Remarks:

Pace Analytical

Sample Condition Upon Receipt

WO#: 70152687
PM: JSA
CLIENT: PWW
Due Date: 11/16/20

Client Name: Port Washington

Pro

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace ☐ Other

Tracking #:

Custody Seal on Cooler/Box Present: ☑ Yes ☐ No **Seals intact:** ☑ Yes ☐ No

...perature Blank Present: ☐ Yes ☑ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☑ None ☐ Other

Type of Ice: (Wet) Blue None

Thermometer Used: TH091 ✓ **Correction Factor:** -0.2

☑ Samples on ice, cooling process has begun

Cooler Temperature (°C): 8.7 **Cooler Temperature Corrected (°C):** 8.5 **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:** 11/09/20 EU

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 orignate 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:	☐Yes	☐No		1.
Chain of Custody Filled Out:	☐Yes	☐No		2.
Chain of Custody Relinquished:	☐Yes	☐No		3.
Sampler Name & Signature on COC:	☐Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☐Yes	☐No		5.
Short Hold Time Analysis (<72hr):	☐Yes	☐No		6.
Rush Turn Around Time Requested:	☐Yes	☐No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☐Yes	☐No		8.
Correct Containers Used:	☐Yes	☐No		9.
-Pace Containers Used:	☐Yes	☐No		
Containers Intact:	☐Yes	☐No		10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☐N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☐Yes	☐No		12.
-Includes date/time/ID/Analysis Matrix SL WT OIL				
All containers needing preservation have been checked	☐Yes	☐No	☐N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot #				Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, 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	☐Yes	☐No	☐N/A	Initial when completed: / Lot # of added preservative: / Date/Time preservative added
Samples checked for dechlorination:	☐Yes	☐No	☐N/A	14.
KI starch test strips Lot #				
Residual chlorine strips Lot #				Positive for Res. Chlorine? Y N
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☐N/A	15.
Trip Blank Present:	☐Yes	☐No	☐N/A	16.
Trip Blank Custody Seals Present	☐Yes	☐No	☐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.

F-LI-C-002-rev.02

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

Laboratory Report

Supt.Tal Vacchio
Port Washington W.D.
P.O. BOX 432
Port Washington, NY 11050

Report Date: 12/07/2020
Date Received: 11/16/2020

Project: BAC/POC/NO3/PFOS/1,4 11/16
Pace Project No.: 70153587

Sample: N-07551 **Lab ID: 70153587001** Collected: 11/16/20 09:22 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
SM22 9223B Colilert	Total Coliforms	**Absent**			11/17/20 11:32	
SM22 9223B Colilert	E.coli	**Absent**			11/17/20 11:32	
EPA 353.2	Nitrate as N	**4.0**	mg/L	0.25	11/16/20 22:18	
EPA 353.2	Nitrate-Nitrite (as N)	**4.1**	mg/L	0.25	11/16/20 22:18	
EPA 353.2	Nitrite as N	**<0.050**	mg/L	0.050	11/16/20 20:34	

Sample: N-13510 **Lab ID: 70153587002** Collected: 11/16/20 09:49 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
SM22 9223B Colilert	Total Coliforms	**Absent**			11/17/20 11:32	
SM22 9223B Colilert	E.coli	**Absent**			11/17/20 11:32	
EPA 353.2	Nitrate as N	**4.0**	mg/L	0.25	11/16/20 22:19	
EPA 353.2	Nitrate-Nitrite (as N)	**4.0**	mg/L	0.25	11/16/20 22:19	
EPA 353.2	Nitrite as N	**<0.050**	mg/L	0.050	11/16/20 20:40	

Sample: AS-8/9/11 **Lab ID: 70153587003** Collected: 11/16/20 09:13 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 522	1,4-Dioxane (p-Dioxane)	**1.9**	ug/L	0.020	11/23/20 15:08	
EPA 537.1	Perfluorobutanesulfonic acid	**<1.9**	ng/L	1.9	11/23/20 00:35	
EPA 537.1	Perfluoroheptanoic acid	**2.4**	ng/L	1.9	11/23/20 00:35	
EPA 537.1	Perfluorohexanesulfonic acid	**2.9**	ng/L	1.9	11/23/20 00:35	
EPA 537.1	Perfluorononanoic acid	**2.6**	ng/L	1.9	11/23/20 00:35	
EPA 537.1	Perfluorooctanesulfonic acid	**4.4**	ng/L	1.9	11/23/20 00:35	
EPA 537.1	Perfluorooctanoic acid	**5.2**	ng/L	1.9	11/23/20 00:35	

Sample: N-07552 **Lab ID: 70153587004** Collected: 11/16/20 10:30 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
SM22 9223B Colilert	Total Coliforms	**Absent**			11/17/20 11:32	
SM22 9223B Colilert	E.coli	**Absent**			11/17/20 11:32	
EPA 522	1,4-Dioxane (p-Dioxane)	**4.7**	ug/L	0.10	11/24/20 14:48	
EPA 537.1	Perfluorobutanesulfonic acid	**<1.9**	ng/L	1.9	11/23/20 00:54	
EPA 537.1	Perfluoroheptanoic acid	**2.3**	ng/L	1.9	11/23/20 00:54	
EPA 537.1	Perfluorohexanesulfonic acid	**3.5**	ng/L	1.9	11/23/20 00:54	
EPA 537.1	Perfluorononanoic acid	**5.7**	ng/L	1.9	11/23/20 00:54	
EPA 537.1	Perfluorooctanesulfonic acid	**5.1**	ng/L	1.9	11/23/20 00:54	
EPA 537.1	Perfluorooctanoic acid	**5.5**	ng/L	1.9	11/23/20 00:54	
EPA 353.2	Nitrate as N	**3.9**	mg/L	0.25	11/16/20 22:23	
EPA 353.2	Nitrate-Nitrite (as N)	**3.9**	mg/L	0.25	11/16/20 22:23	
EPA 353.2	Nitrite as N	**<0.050**	mg/L	0.050	11/16/20 20:42	

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Sample: N-01715 **Lab ID: 70153587005** Collected: 11/16/20 10:02 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
SM22 9223B Colilert	Total Coliforms	**Absent**			11/17/20 11:32	
SM22 9223B Colilert	E.coli	**Absent**			11/17/20 11:32	
EPA 522	1,4-Dioxane (p-Dioxane)	**0.046**	ug/L	0.020	11/23/20 15:56	
EPA 537.1	Perfluorobutanesulfonic acid	**<1.9**	ng/L	1.9	11/23/20 01:13	
EPA 537.1	Perfluoroheptanoic acid	**<1.9**	ng/L	1.9	11/23/20 01:13	
EPA 537.1	Perfluorohexanesulfonic acid	**<1.9**	ng/L	1.9	11/23/20 01:13	
EPA 537.1	Perfluorononanoic acid	**<1.9**	ng/L	1.9	11/23/20 01:13	
EPA 537.1	Perfluorooctanesulfonic acid	**<1.9**	ng/L	1.9	11/23/20 01:13	
EPA 537.1	Perfluorooctanoic acid	**<1.9**	ng/L	1.9	11/23/20 01:13	
EPA 353.2	Nitrate as N	**1.9**	mg/L	0.25	11/16/20 22:24	
EPA 353.2	Nitrate-Nitrite (as N)	**1.9**	mg/L	0.25	11/16/20 22:24	
EPA 353.2	Nitrite as N	**<0.050**	mg/L	0.050	11/16/20 20:43	

Sample: N-01716 **Lab ID: 70153587006** Collected: 11/16/20 09:00 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
SM22 9223B Colilert	Total Coliforms	**Absent**			11/17/20 11:32	
SM22 9223B Colilert	E.coli	**Absent**			11/17/20 11:32	
EPA 522	1,4-Dioxane (p-Dioxane)	**0.031**	ug/L	0.020	11/23/20 16:13	
EPA 537.1	Perfluorobutanesulfonic acid	**<1.8**	ng/L	1.8	11/23/20 01:32	
EPA 537.1	Perfluoroheptanoic acid	**<1.8**	ng/L	1.8	11/23/20 01:32	
EPA 537.1	Perfluorohexanesulfonic acid	**<1.8**	ng/L	1.8	11/23/20 01:32	
EPA 537.1	Perfluorononanoic acid	**<1.8**	ng/L	1.8	11/23/20 01:32	
EPA 537.1	Perfluorooctanesulfonic acid	**<1.8**	ng/L	1.8	11/23/20 01:32	
EPA 537.1	Perfluorooctanoic acid	**<1.8**	ng/L	1.8	11/23/20 01:32	
EPA 353.2	Nitrate as N	**0.28**	mg/L	0.050	11/16/20 22:25	
EPA 353.2	Nitrate-Nitrite (as N)	**0.29**	mg/L	0.050	11/16/20 22:25	
EPA 353.2	Nitrite as N	**<0.050**	mg/L	0.050	11/16/20 20:44	

Sample: N-02030 **Lab ID: 70153587007** Collected: 11/16/20 08:28 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 522	1,4-Dioxane (p-Dioxane)	**0.20**	ug/L	0.020	11/23/20 16:29	
EPA 537.1	Perfluorobutanesulfonic acid	**<1.9**	ng/L	1.9	11/23/20 01:51	
EPA 537.1	Perfluoroheptanoic acid	**<1.9**	ng/L	1.9	11/23/20 01:51	
EPA 537.1	Perfluorohexanesulfonic acid	**4.2**	ng/L	1.9	11/23/20 01:51	
EPA 537.1	Perfluorononanoic acid	**<1.9**	ng/L	1.9	11/23/20 01:51	
EPA 537.1	Perfluorooctanesulfonic acid	**2.0**	ng/L	1.9	11/23/20 01:51	
EPA 537.1	Perfluorooctanoic acid	**3.2**	ng/L	1.9	11/23/20 01:51	

Sample: GAC-02030 **Lab ID: 70153587008** Collected: 11/16/20 08:36 Matrix: Drinking Water

Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
EPA 537.1	Perfluorobutanesulfonic acid	**<1.9**	ng/L	1.9	11/23/20 02:10	
EPA 537.1	Perfluoroheptanoic acid	**<1.9**	ng/L	1.9	11/23/20 02:10	
EPA 537.1	Perfluorohexanesulfonic acid	**<1.9**	ng/L	1.9	11/23/20 02:10	
EPA 537.1	Perfluorononanoic acid	**<1.9**	ng/L	1.9	11/23/20 02:10	
EPA 537.1	Perfluorooctanesulfonic acid	**<1.9**	ng/L	1.9	11/23/20 02:10	
EPA 537.1	Perfluorooctanoic acid	**<1.9**	ng/L	1.9	11/23/20 02:10	

Reviewed by:

Jennifer Aracri
(631)694-3040
jennifer.aracri@pacelabs.com

Pace Analytical Services, LLC
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Pace Analytical Services Ormond Beach

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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
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
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Ohio DEP 87780
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Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

Pace Analytical Services Long Island

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Connecticut Certification #: PH-0435
Maryland Certification #: 208
Rhode Island Certification #: LAO00340
Massachusetts Certification #: M-NY026
New Hampshire Certification #: 2987

WO#: 70153587

70153587

Sample Request Form
PUBLIC WATER SUPPLIER

Rel. by: 14:49 11/16/20

Date: 11/16/20

Collected By: Richard Zinkard

Accepted By: 13:17 11/16/20

Cooler Temp: 10.8 °C

☐ WELL OFF LINE

☑ WELL RUN TO SYSTEM

☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: Italo J. Vacchio, Superintendent

Address: Port Washington Water District
P.O. Box 432
38 Sandy Hollow Road
Port Washington, NY 11050

Phone #:

Attn:

Proj. # or (Name):

Bill To:

Copies To:

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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.
11/16/20 9:22	GW	Morley & N-07551	RW	O	RO			BAC	
9:24	GW	Morley & N-07551	RW	O	RO			POC	
9:23	GW	Morley & N-07551	RW	O	RO			Nitrate	

Remarks:

Pace Analytical®
www.pacelabs.com
575 Broad Hollow Rd., Melville, NY 11747
(631) 694-3040 Fax: (631) 420-8436

Sample Request Form
PUBLIC WATER SUPPLIER

Rel. by: [signature] 14:49 11/16/20

Date: 11/16/20
Collected By: Richard Zimbardi
Accepted By: [signature] 13:17 11/16/20
Cooler Temp: 10.8 °C

☐ WELL OFF LINE
☑ WELL RUN TO SYSTEM
☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: Italo J. Vacchio, Superintendent
Address: Port Washington Water District
P.O. Box 432
Phone #: 38 Sandy Hollow Road
Attn: Port Washington, NY 11050
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.
11/16/20 9:47	GW	Morley Park II N-13510	RW	O	RO			BAC	
9:49	GW	Morley Park II N-13510	RW	O	RO			POC	
9:48	GW	Morley Park II N-13510	RW	O	RO			Nitrate	

Remarks:

Pace Analytical®
www.pacelabs.com
575 Broad Hollow Rd., Melville, NY 11747
(631) 694-3040 Fax: (631) 420-8436

Sample Request Form
PUBLIC WATER SUPPLIER

Del. by: 14:49 11/16/20

Date: 11/16/20
Collected By: Richard Zimbardo
Accepted By: 13:17 11/16/20
Cooler Temp: 10.8 °C

☐ WELL OFF LINE
☑ WELL RUN TO SYSTEM
☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Client Info:
Name or Code: Italo J. Vacchio, Superintendent
Address: Port Washington Water District
P.O. Box 432
38 Sandy Hollow Road
Port Washington, NY 11050
Phone #:
Attn:
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Sample Types	Purpose	Origin	Treatment Types
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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.
11/16/20 9:05	GW	Morley 8,9+11 AS-8/9/11	TW	AST	RO			BAC Series 0'	
9:07	GW	Morley 8,9+11 AS-8/9/11	TW	AST	RO			BAC Series 2'	
9:10	GW	Morley 8,9+11 AS-8/9/11	TW	AST	RO			BAC Series 5'	
9:15	GW	Morley 8,9+11 AS-8/9/11	TW	AST	RO			BAC Series 10'	
9:35	GW	Morley 8,9+11 AS-8/9/11	TW	AST	RO			BAC Series 30'	
9:13	GW	Morley 8,9+11 AS-8/9/11	TW	AST	RO			POC	
9:08	GW	Morley 8,9+11 AS-8/9/11	TW	AST	RO			PFAS	
9:11	GW	Morley 8,9+11 AS-8/9/11	TW	AST	RO			Dioxane	

Remarks:

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Sample Request Form
PUBLIC WATER SUPPLIER

Rel. by: [signature] 14:49 11/16/20

Date: 11/16/20
Collected By: Richard Zimbardi
Accepted By: [signature] 13:17 11/16/20
Cooler Temp: 10.8 °C

☐ WELL OFF LINE
☑ WELL RUN TO SYSTEM
☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Client Info:
Name or Code: Italo J. Vacchio, Superintendent
Address: ~~Port Washington Water District~~
~~P.O. Box 432~~
~~38 Sandy Hollow Road~~
Phone #: ~~Port Washington, NY 11050~~
Attn:
Proj. # or (Name):
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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
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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.
11/16/20 10:25	GW	Morley 9 N-07552	RW	O	RO			Bac	
10:28	GW	Morley 9 N-07552	RW	O	RO			POC	
10:26	GW	Morley 9 N-07552	RW	O	RO			Nitrate	
10:27	GW	Morley 9 N-07552	RW	O	RO			PFAS	
10:30	GW	Morley 9 N-07552	RW	O	RO			Dioxane	

Remarks:

WO#: 70153587

PM: JSA Due Date: 11/25/20

CLIENT: PWW

(631) 694-3040 Fax: (631) 420-8436

Sample Request Form
PUBLIC WATER SUPPLIER

Rel. by: 14:49 11/16/20

Date: 11/16/20

Collected By: R. Mello

Accepted By: 13:17 11/16/20

Cooler Temp: 10.8 °C

☐ WELL OFF LINE

☑ WELL RUN TO SYSTEM

☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: Italo J. Vacchio, Superintendent

Address: ~~Port Washington Water District~~ P.O. Box 432 ~~38 Sandy Hollow Road~~ ~~Port Washington, NY 11050~~

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.
11/16/20 0952	GW	Neulist 1 N-01715	RW	O	RO			BAC	
11-16-20 0958	GW	Neulist 1 N-01715	RW	O	RO			POC	
11-16-20 0950	GW	Neulist 1 N-01715	RW	O	RO			Nitrate	
11-16-20 0955	GW	Neulist 1 N-01715	RW	O	RO			PFAS	
11-16-20 1002	GW	Neulist 1 N-01715	RW	O	RO			Dioxane	

Remarks:

Pace Analytical®
www.pacelabs.com
575 Broad Hollow Rd., Melville, NY 11747
(631) 694-3040 Fax: (631) 420-8436

Sample Request Form
PUBLIC WATER SUPPLIER

Rel. by: [signature] 14:49 11/16/20

Date: 11 / 16 / 20
Collected By: R. Mallon
Accepted By: [signature] 13:17 11/16/20
Cooler Temp: 10.8 °C

☐ WELL OFF LINE
☑ WELL RUN TO SYSTEM
☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Client Info:
Name or Code: Italo J. Vacchio, Superintendent
Address: Port Washington Water District
P.O. Box 432
38 Sandy Hollow Road
Port Washington, NY 11050
Phone #:
Attn:
Proj. # or (Name):
Bill To:
Copies To:

Sample Types
PW - Potable Water
GW - Groundwater
SW - Surface Water
WW - Waste Water
AQ - Aqueous
S - Soil

Purpose
RO - Routine
RE - Resample
S - Special

Origin
D - Distribution
RW - Raw Well
TW - Treated Well
T - Tank
MW - Monitoring Well
I - Influent
E - Effluent

Treatment Types
AST - Air Stripper
GAC - Granular Activated Charcoal
N - Nitrate Removal Plant
FE - Iron Removal Plant
O - Other

Sample Info:

Date/Time Collected:	Sample Type	Location	Origin	Treatment Type	Purpose	Field Readings Cl_2	Field Readings pH/Temp	Analysis	Lab No.
11/16/20 0852	GW	Neulist 2 N-01716	RW	O	RO			BAC	
11-16-20 0856	GW	Neulist 2 N-01716	RW	O	RO			POC	
11-16-20 0853	GW	Neulist 2 N-01716	RW	O	RO			Nitrate	
11-16-20 0854	GW	Neulist 2 N-01716	RW	O	RO			PFAS	
11-16-20 0900	GW	Neulist 2 N-01716	RW	O	RO			Dioxane	

Remarks:

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575 Broad Hollow Rd., Melville, NY 11747
(631) 694-3040 Fax: (631) 420-8436

Sample Request Form
PUBLIC WATER SUPPLIER

Rel. by: [signature] 14:49 11/16/20

Date: 11/16/20
Collected By: R Mallon
Accepted By: [signature] 13:17 11/16/20
Cooler Temp: 10.8 °C

☐ WELL OFF LINE
☑ WELL RUN TO SYSTEM
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Client Info:

Name or Code: ~~Italo J. Vacchio, Superintendent~~
Address: ~~Port Washington Water District~~
~~P.O. Box 432~~
Phone #: ~~38 Sandy Hollow Road~~
Attn: ~~Port Washington, NY 11050~~
Proj. # or (Name):
Bill To:
Copies To:

Sample Types	Purpose	Origin	Treatment Types
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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.
11/16/20 0828	GW	Neulist 3 N-02030	RW	O	RO			Dioxane	
11-16-20 0825	GW	Neulist 3 N-02030	RW	O	RO			PFAS	
11/16/20 0836	GW	Neulist 3 GAC-02030	TW	GAC	RO			POC	
11-16-20 0835	GW	Neulist 3 GAC-02030	TW	GAC	RO			PFAS	

Remarks:

Pace Analytical

Sample Condition Upon Receipt

WO#: 70153587
PM: JSA Due Date: 11/25/20
CLIENT: PWW

Client Name: Port Washington

Proje

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: −0.2

☑ Samples on ice, cooling process has begun

Cooler Temperature (°C): 10.8 Cooler Temperature Corrected (°C): 10.6

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: 11/16/20 EU

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 orignate 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:	☑ Yes	☐ No		1.
Chain of Custody Filled Out:	☑ Yes	☐ No		2.
Chain of Custody Relinquished:	☑ Yes	☐ No		3.
Sampler Name & Signature on COC:	☑ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time:	☑ Yes	☐ No		5.
Short Hold Time Analysis (<72hr):	☑ Yes	☐ No		6.
Rush Turn Around Time Requested:	☐ Yes	☑ No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☑ Yes	☐ No		8.
Correct Containers Used:	☑ Yes	☐ No		9.
-Pace Containers Used:	☑ Yes	☐ No		
Containers Intact:	☑ Yes	☐ No		10.
Filtered volume received for Dissolved tests	☐ Yes	☐ No	☑ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☑ Yes	☐ No		12.
-Includes date/time/ID/Analysis Matrix SL WT OIL				
All containers needing preservation have been checked	☐ Yes	☐ No	☑ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot #				Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, 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	☐ Yes	☐ No	☑ N/A	Initial when completed: / Lot # of added preservative: / Date/Time preservative added
Samples checked for dechlorination:	☐ Yes	☐ No	☑ N/A	14.
KI starch test strips Lot #				Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #				
Headspace in VOA Vials (>6mm):	☐ Yes	☑ No	☐ N/A	15.
Trip Blank Present:	☐ Yes	☑ No	☐ N/A	16.
Trip Blank Custody Seals Present	☐ Yes	☐ No	☑ 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.

F-LI-C-002-rev.02

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

Laboratory Report

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

LIAL# 0112442

November 30, 2020

Pace Analytical
Julie Litvin
575 Broad Hollow Road
Melville, NY 11747

Re: 70153587 POC 11/16

Dear Julie Litvin,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on November 24, 2020. Long Island Analytical laboratories analyzed the samples on November 25, 2020 for the following:

SAMPLE ID	ANALYSIS
N-075551	EPA 524.2
N-13510	EPA 524.2
AS-8/9/11	EPA 524.2
N-07552	EPA 524.2
N-01715	EPA 524.2
N-01716	EPA 524.2
GAC-02030	EPA 524.2

Samples received at 0.1 °C

2.C Sample container received with head-space.

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted. Report shall not be reproduced except in full without the written approval of the laboratory. Results related only to items tested. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,

Long Island Analytical Laboratories, Inc.

Michael Veraldi - Laboratory Director

Client: Pace Analytical	Client ID: 70153587 POC 11/16
Date (Time) Collected: 11/16/2020 09:22	Sample ID: N-075551
Date (Time) Received: 11/24/2020 16:32	Laboratory ID: 0112442-01
Matrix: Potable Water	ELAP: #11693

Volatiles Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	0.50	<0.50	ug/L	2.C
1,1,1-Trichloroethane	71-55-6	0.50	<0.50	ug/L	2.C
1,1,2,2-Tetrachloroethane	79-34-5	0.50	<0.50	ug/L	2.C
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.50	<0.50	ug/L	2.B, 2.C
1,1,2-Trichloroethane	79-00-5	0.50	<0.50	ug/L	2.C
1,1-Dichloroethane	75-34-3	0.50	<0.50	ug/L	2.C
1,1-Dichloroethene	75-35-4	0.50	0.57	ug/L	2.C
1,1-Dichloropropene	563-58-6	0.50	<0.50	ug/L	2.C
1,2,3-Trichlorobenzene	87-61-6	0.50	<0.50	ug/L	2.C
1,2,3-Trichloropropane	96-18-4	0.50	<0.50	ug/L	2.C
1,2,4-Trichlorobenzene	120-82-1	0.50	<0.50	ug/L	2.C
1,2,4-Trimethylbenzene	95-63-6	0.50	<0.50	ug/L	2.C
1,2-Dichlorobenzene	95-50-1	0.50	<0.50	ug/L	2.C
1,2-Dichloroethane	107-06-2	0.50	<0.50	ug/L	2.C
1,2-Dichloropropane	78-87-5	0.50	<0.50	ug/L	2.C
1,3,5-Trimethylbenzene	108-67-8	0.50	<0.50	ug/L	2.C
1,3-Dichlorobenzene	541-73-1	0.50	<0.50	ug/L	2.C
1,3-Dichloropropane	142-28-9	0.50	<0.50	ug/L	2.C
1,4-Dichlorobenzene	106-46-7	0.50	<0.50	ug/L	2.C
2,2-Dichloropropane	594-20-7	0.50	<0.50	ug/L	2.C
2-Chlorotoluene	95-49-8	0.50	<0.50	ug/L	2.C
4-Chlorotoluene	106-43-4	0.50	<0.50	ug/L	2.C
4-Isopropyltoluene	99-87-6	0.50	<0.50	ug/L	2.C
Benzene	71-43-2	0.50	<0.50	ug/L	2.C
Bromobenzene	108-86-1	0.50	<0.50	ug/L	2.C
Bromochloromethane	74-97-5	0.50	<0.50	ug/L	2.C
Bromodichloromethane	75-27-4	0.50	<0.50	ug/L	2.C
Bromoform	75-25-2	0.50	<0.50	ug/L	2.C
Bromomethane	74-83-9	0.50	<0.50	ug/L	2.C

Client: Pace Analytical	Client ID: 70153587 POC 11/16
Date (Time) Collected: 11/16/2020 09:22	Sample ID: N-075551
Date (Time) Received: 11/24/2020 16:32	Laboratory ID: 0112442-01
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Carbon Tetrachloride	56-23-5	0.50	<0.50	ug/L	2.C
Chlorobenzene	108-90-7	0.50	<0.50	ug/L	2.C
Chlorodifluoromethane	75-45-6	0.50	<0.50	ug/L	2.B, 2.C
Chloroethane	75-00-3	0.50	<0.50	ug/L	2.C
Chloroform	67-66-3	0.50	1.04	ug/L	2.C
Chloromethane	74-87-3	0.50	<0.50	ug/L	2.C
cis-1,2-Dichloroethene	156-59-2	0.50	<0.50	ug/L	2.C
cis-1,3-Dichloropropene	10061-01-5	0.50	<0.50	ug/L	2.C
Dibromochloromethane	124-48-1	0.50	<0.50	ug/L	2.C
Dibromomethane	74-95-3	0.50	<0.50	ug/L	2.C
Dichlorodifluoromethane	75-71-8	0.50	<0.50	ug/L	2.C
Ethylbenzene	100-41-4	0.50	<0.50	ug/L	2.C
Hexachlorobutadiene	87-68-3	0.50	<0.50	ug/L	2.C
Isopropylbenzene (Cumene)	98-82-8	0.50	<0.50	ug/L	2.C
m,p-Xylenes	108-38-3/106-42-3	1.00	<1.00	ug/L	2.C, 4.N
Methylene Chloride	75-09-2	0.50	<0.50	ug/L	2.C
Methyl-tert-Butyl Ether	1634-04-4	0.50	0.50	ug/L	2.C
Naphthalene	91-20-3	5.00	<5.00	ug/L	2.C
n-Butylbenzene	104-51-8	0.50	<0.50	ug/L	2.C
n-Propylbenzene	103-65-1	0.50	<0.50	ug/L	2.C
o-Xylene	95-47-6	0.50	<0.50	ug/L	2.C
sec-Butylbenzene	135-98-8	0.50	<0.50	ug/L	2.C
Styrene	100-42-5	0.50	<0.50	ug/L	2.C
tert-Butylbenzene	98-06-6	0.50	<0.50	ug/L	2.C
Tetrachloroethene	127-18-4	0.50	4.47	ug/L	2.C
Toluene	108-88-3	0.50	<0.50	ug/L	2.C
trans-1,2-Dichloroethene	156-60-5	0.50	<0.50	ug/L	2.C
trans-1,3-Dichloropropene	10061-02-6	0.50	<0.50	ug/L	2.C

Client: Pace Analytical	Client ID: 70153587 POC 11/16
Date (Time) Collected: 11/16/2020 09:22	Sample ID: N-075551
Date (Time) Received: 11/24/2020 16:32	Laboratory ID: 0112442-01
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Trichloroethene	79-01-6	0.50	<0.50	ug/L	2.C
Trichlorofluoromethane	75-69-4	0.50	<0.50	ug/L	2.C
Vinyl chloride	75-01-4	0.50	<0.50	ug/L	2.C

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichlorobenzene-d4	2199-69-1	72	70-130	2.C
4-Bromofluorobenzene	460-00-4	65	70-130	2.C, 4.D

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Fluorobenzene	462-06-6	86	50-200	2.C

Date Prepared: 11/25/2020

Date Analyzed: 11/25/2020

Preparation Method: EPA 524.2

Analytical Method: EPA 524.2

Client: Pace Analytical	Client ID: 70153587 POC 11/16
Date (Time) Collected: 11/16/2020 09:49	Sample ID: N-13510
Date (Time) Received: 11/24/2020 16:32	Laboratory ID: 0112442-02
Matrix: Potable Water	ELAP: #11693

Volatiles Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	0.50	<0.50	ug/L	
1,1,1-Trichloroethane	71-55-6	0.50	<0.50	ug/L	
1,1,2,2-Tetrachloroethane	79-34-5	0.50	<0.50	ug/L	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.50	<0.50	ug/L	2.B
1,1,2-Trichloroethane	79-00-5	0.50	<0.50	ug/L	
1,1-Dichloroethane	75-34-3	0.50	<0.50	ug/L	
1,1-Dichloroethene	75-35-4	0.50	<0.50	ug/L	
1,1-Dichloropropene	563-58-6	0.50	<0.50	ug/L	
1,2,3-Trichlorobenzene	87-61-6	0.50	<0.50	ug/L	
1,2,3-Trichloropropane	96-18-4	0.50	<0.50	ug/L	
1,2,4-Trichlorobenzene	120-82-1	0.50	<0.50	ug/L	
1,2,4-Trimethylbenzene	95-63-6	0.50	<0.50	ug/L	
1,2-Dichlorobenzene	95-50-1	0.50	<0.50	ug/L	
1,2-Dichloroethane	107-06-2	0.50	<0.50	ug/L	
1,2-Dichloropropane	78-87-5	0.50	<0.50	ug/L	
1,3,5-Trimethylbenzene	108-67-8	0.50	<0.50	ug/L	
1,3-Dichlorobenzene	541-73-1	0.50	<0.50	ug/L	
1,3-Dichloropropane	142-28-9	0.50	<0.50	ug/L	
1,4-Dichlorobenzene	106-46-7	0.50	<0.50	ug/L	
2,2-Dichloropropane	594-20-7	0.50	<0.50	ug/L	
2-Chlorotoluene	95-49-8	0.50	<0.50	ug/L	
4-Chlorotoluene	106-43-4	0.50	<0.50	ug/L	
4-Isopropyltoluene	99-87-6	0.50	<0.50	ug/L	
Benzene	71-43-2	0.50	<0.50	ug/L	
Bromobenzene	108-86-1	0.50	<0.50	ug/L	
Bromochloromethane	74-97-5	0.50	<0.50	ug/L	
Bromodichloromethane	75-27-4	0.50	<0.50	ug/L	
Bromoform	75-25-2	0.50	<0.50	ug/L	
Bromomethane	74-83-9	0.50	<0.50	ug/L	

Client: Pace Analytical	Client ID: 70153587 POC 11/16
Date (Time) Collected: 11/16/2020 09:49	Sample ID: N-13510
Date (Time) Received: 11/24/2020 16:32	Laboratory ID: 0112442-02
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Carbon Tetrachloride	56-23-5	0.50	<0.50	ug/L	
Chlorobenzene	108-90-7	0.50	<0.50	ug/L	
Chlorodifluoromethane	75-45-6	0.50	<0.50	ug/L	2.B
Chloroethane	75-00-3	0.50	<0.50	ug/L	
Chloroform	67-66-3	0.50	0.84	ug/L	
Chloromethane	74-87-3	0.50	<0.50	ug/L	
cis-1,2-Dichloroethene	156-59-2	0.50	<0.50	ug/L	
cis-1,3-Dichloropropene	10061-01-5	0.50	<0.50	ug/L	
Dibromochloromethane	124-48-1	0.50	<0.50	ug/L	
Dibromomethane	74-95-3	0.50	<0.50	ug/L	
Dichlorodifluoromethane	75-71-8	0.50	<0.50	ug/L	
Ethylbenzene	100-41-4	0.50	<0.50	ug/L	
Hexachlorobutadiene	87-68-3	0.50	<0.50	ug/L	
Isopropylbenzene (Cumene)	98-82-8	0.50	<0.50	ug/L	
m,p-Xylenes	108-38-3/106-42-3	1.00	<1.00	ug/L	4.N
Methylene Chloride	75-09-2	0.50	<0.50	ug/L	
Methyl-tert-Butyl Ether	1634-04-4	0.50	<0.50	ug/L	
Naphthalene	91-20-3	5.00	<5.00	ug/L	
n-Butylbenzene	104-51-8	0.50	<0.50	ug/L	
n-Propylbenzene	103-65-1	0.50	<0.50	ug/L	
o-Xylene	95-47-6	0.50	<0.50	ug/L	
sec-Butylbenzene	135-98-8	0.50	<0.50	ug/L	
Styrene	100-42-5	0.50	<0.50	ug/L	
tert-Butylbenzene	98-06-6	0.50	<0.50	ug/L	
Tetrachloroethene	127-18-4	0.50	<0.50	ug/L	
Toluene	108-88-3	0.50	<0.50	ug/L	
trans-1,2-Dichloroethene	156-60-5	0.50	<0.50	ug/L	
trans-1,3-Dichloropropene	10061-02-6	0.50	<0.50	ug/L	

Client: Pace Analytical	Client ID: 70153587 POC 11/16
Date (Time) Collected: 11/16/2020 09:49	Sample ID: N-13510
Date (Time) Received: 11/24/2020 16:32	Laboratory ID: 0112442-02
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Trichloroethene	79-01-6	0.50	<0.50	ug/L	
Trichlorofluoromethane	75-69-4	0.50	<0.50	ug/L	
Vinyl chloride	75-01-4	0.50	<0.50	ug/L	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichlorobenzene-d4	2199-69-1	72	70-130	
4-Bromofluorobenzene	460-00-4	65	70-130	4.D

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Fluorobenzene	462-06-6	88	50-200	

Date Prepared: 11/25/2020

Date Analyzed: 11/25/2020

Preparation Method: EPA 524.2

Analytical Method: EPA 524.2

Client: Pace Analytical	Client ID: 70153587 POC 11/16
Date (Time) Collected: 11/16/2020 09:13	Sample ID: AS-8/9/11
Date (Time) Received: 11/24/2020 16:32	Laboratory ID: 0112442-03
Matrix: Potable Water	ELAP: #11693

Volatiles Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	0.50	<0.50	ug/L	
1,1,1-Trichloroethane	71-55-6	0.50	<0.50	ug/L	
1,1,2,2-Tetrachloroethane	79-34-5	0.50	<0.50	ug/L	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.50	<0.50	ug/L	2.B
1,1,2-Trichloroethane	79-00-5	0.50	<0.50	ug/L	
1,1-Dichloroethane	75-34-3	0.50	<0.50	ug/L	
1,1-Dichloroethene	75-35-4	0.50	<0.50	ug/L	
1,1-Dichloropropene	563-58-6	0.50	<0.50	ug/L	
1,2,3-Trichlorobenzene	87-61-6	0.50	<0.50	ug/L	
1,2,3-Trichloropropane	96-18-4	0.50	<0.50	ug/L	
1,2,4-Trichlorobenzene	120-82-1	0.50	<0.50	ug/L	
1,2,4-Trimethylbenzene	95-63-6	0.50	<0.50	ug/L	
1,2-Dichlorobenzene	95-50-1	0.50	<0.50	ug/L	
1,2-Dichloroethane	107-06-2	0.50	<0.50	ug/L	
1,2-Dichloropropane	78-87-5	0.50	<0.50	ug/L	
1,3,5-Trimethylbenzene	108-67-8	0.50	<0.50	ug/L	
1,3-Dichlorobenzene	541-73-1	0.50	<0.50	ug/L	
1,3-Dichloropropane	142-28-9	0.50	<0.50	ug/L	
1,4-Dichlorobenzene	106-46-7	0.50	<0.50	ug/L	
2,2-Dichloropropane	594-20-7	0.50	<0.50	ug/L	
2-Chlorotoluene	95-49-8	0.50	<0.50	ug/L	
4-Chlorotoluene	106-43-4	0.50	<0.50	ug/L	
4-Isopropyltoluene	99-87-6	0.50	<0.50	ug/L	
Benzene	71-43-2	0.50	<0.50	ug/L	
Bromobenzene	108-86-1	0.50	<0.50	ug/L	
Bromochloromethane	74-97-5	0.50	<0.50	ug/L	
Bromodichloromethane	75-27-4	0.50	<0.50	ug/L	
Bromoform	75-25-2	0.50	<0.50	ug/L	
Bromomethane	74-83-9	0.50	<0.50	ug/L	

Client: Pace Analytical	Client ID: 70153587 POC 11/16
Date (Time) Collected: 11/16/2020 09:13	Sample ID: AS-8/9/11
Date (Time) Received: 11/24/2020 16:32	Laboratory ID: 0112442-03
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Carbon Tetrachloride	56-23-5	0.50	<0.50	ug/L	
Chlorobenzene	108-90-7	0.50	<0.50	ug/L	
Chlorodifluoromethane	75-45-6	0.50	<0.50	ug/L	2.B
Chloroethane	75-00-3	0.50	<0.50	ug/L	
Chloroform	67-66-3	0.50	<0.50	ug/L	
Chloromethane	74-87-3	0.50	<0.50	ug/L	
cis-1,2-Dichloroethene	156-59-2	0.50	<0.50	ug/L	
cis-1,3-Dichloropropene	10061-01-5	0.50	<0.50	ug/L	
Dibromochloromethane	124-48-1	0.50	<0.50	ug/L	
Dibromomethane	74-95-3	0.50	<0.50	ug/L	
Dichlorodifluoromethane	75-71-8	0.50	<0.50	ug/L	
Ethylbenzene	100-41-4	0.50	<0.50	ug/L	
Hexachlorobutadiene	87-68-3	0.50	<0.50	ug/L	
Isopropylbenzene (Cumene)	98-82-8	0.50	<0.50	ug/L	
m,p-Xylenes	108-38-3/106-42-3	1.00	<1.00	ug/L	4.N
Methylene Chloride	75-09-2	0.50	<0.50	ug/L	
Methyl-tert-Butyl Ether	1634-04-4	0.50	<0.50	ug/L	
Naphthalene	91-20-3	5.00	<5.00	ug/L	
n-Butylbenzene	104-51-8	0.50	<0.50	ug/L	
n-Propylbenzene	103-65-1	0.50	<0.50	ug/L	
o-Xylene	95-47-6	0.50	<0.50	ug/L	
sec-Butylbenzene	135-98-8	0.50	<0.50	ug/L	
Styrene	100-42-5	0.50	<0.50	ug/L	
tert-Butylbenzene	98-06-6	0.50	<0.50	ug/L	
Tetrachloroethene	127-18-4	0.50	<0.50	ug/L	
Toluene	108-88-3	0.50	<0.50	ug/L	
trans-1,2-Dichloroethene	156-60-5	0.50	<0.50	ug/L	
trans-1,3-Dichloropropene	10061-02-6	0.50	<0.50	ug/L	

Client: Pace Analytical	Client ID: 70153587 POC 11/16
Date (Time) Collected: 11/16/2020 09:13	Sample ID: AS-8/9/11
Date (Time) Received: 11/24/2020 16:32	Laboratory ID: 0112442-03
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Trichloroethene	79-01-6	0.50	<0.50	ug/L	
Trichlorofluoromethane	75-69-4	0.50	<0.50	ug/L	
Vinyl chloride	75-01-4	0.50	<0.50	ug/L	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichlorobenzene-d4	2199-69-1	70	70-130	
4-Bromofluorobenzene	460-00-4	65	70-130	4.D

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Fluorobenzene	462-06-6	89	50-200	

Date Prepared: 11/25/2020

Date Analyzed: 11/25/2020

Preparation Method: EPA 524.2

Analytical Method: EPA 524.2

Client: Pace Analytical	Client ID: 70153587 POC 11/16
Date (Time) Collected: 11/16/2020 10:30	Sample ID: N-07552
Date (Time) Received: 11/24/2020 16:32	Laboratory ID: 0112442-04
Matrix: Potable Water	ELAP: #11693

Volatiles Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	0.50	<0.50	ug/L	
1,1,1-Trichloroethane	71-55-6	0.50	1.26	ug/L	
1,1,2,2-Tetrachloroethane	79-34-5	0.50	<0.50	ug/L	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.50	<0.50	ug/L	2.B
1,1,2-Trichloroethane	79-00-5	0.50	<0.50	ug/L	
1,1-Dichloroethane	75-34-3	0.50	<0.50	ug/L	
1,1-Dichloroethene	75-35-4	0.50	5.85	ug/L	5.E
1,1-Dichloropropene	563-58-6	0.50	<0.50	ug/L	
1,2,3-Trichlorobenzene	87-61-6	0.50	<0.50	ug/L	
1,2,3-Trichloropropane	96-18-4	0.50	<0.50	ug/L	
1,2,4-Trichlorobenzene	120-82-1	0.50	<0.50	ug/L	
1,2,4-Trimethylbenzene	95-63-6	0.50	<0.50	ug/L	
1,2-Dichlorobenzene	95-50-1	0.50	<0.50	ug/L	
1,2-Dichloroethane	107-06-2	0.50	<0.50	ug/L	
1,2-Dichloropropane	78-87-5	0.50	<0.50	ug/L	
1,3,5-Trimethylbenzene	108-67-8	0.50	<0.50	ug/L	
1,3-Dichlorobenzene	541-73-1	0.50	<0.50	ug/L	
1,3-Dichloropropane	142-28-9	0.50	<0.50	ug/L	
1,4-Dichlorobenzene	106-46-7	0.50	<0.50	ug/L	
2,2-Dichloropropane	594-20-7	0.50	<0.50	ug/L	
2-Chlorotoluene	95-49-8	0.50	<0.50	ug/L	
4-Chlorotoluene	106-43-4	0.50	<0.50	ug/L	
4-Isopropyltoluene	99-87-6	0.50	<0.50	ug/L	
Benzene	71-43-2	0.50	<0.50	ug/L	
Bromobenzene	108-86-1	0.50	<0.50	ug/L	
Bromochloromethane	74-97-5	0.50	<0.50	ug/L	
Bromodichloromethane	75-27-4	0.50	<0.50	ug/L	
Bromoform	75-25-2	0.50	<0.50	ug/L	
Bromomethane	74-83-9	0.50	<0.50	ug/L	

Client: Pace Analytical	Client ID: 70153587 POC 11/16
Date (Time) Collected: 11/16/2020 10:30	Sample ID: N-07552
Date (Time) Received: 11/24/2020 16:32	Laboratory ID: 0112442-04
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Carbon Tetrachloride	56-23-5	0.50	<0.50	ug/L	
Chlorobenzene	108-90-7	0.50	<0.50	ug/L	
Chlorodifluoromethane	75-45-6	0.50	<0.50	ug/L	2.B
Chloroethane	75-00-3	0.50	<0.50	ug/L	
Chloroform	67-66-3	0.50	1.18	ug/L	
Chloromethane	74-87-3	0.50	<0.50	ug/L	
cis-1,2-Dichloroethene	156-59-2	0.50	<0.50	ug/L	
cis-1,3-Dichloropropene	10061-01-5	0.50	<0.50	ug/L	
Dibromochloromethane	124-48-1	0.50	<0.50	ug/L	
Dibromomethane	74-95-3	0.50	<0.50	ug/L	
Dichlorodifluoromethane	75-71-8	0.50	<0.50	ug/L	
Ethylbenzene	100-41-4	0.50	<0.50	ug/L	
Hexachlorobutadiene	87-68-3	0.50	<0.50	ug/L	
Isopropylbenzene (Cumene)	98-82-8	0.50	<0.50	ug/L	
m,p-Xylenes	108-38-3/106-42-3	1.00	<1.00	ug/L	4.N
Methylene Chloride	75-09-2	0.50	<0.50	ug/L	
Methyl-tert-Butyl Ether	1634-04-4	0.50	0.53	ug/L	
Naphthalene	91-20-3	5.00	<5.00	ug/L	
n-Butylbenzene	104-51-8	0.50	<0.50	ug/L	
n-Propylbenzene	103-65-1	0.50	<0.50	ug/L	
o-Xylene	95-47-6	0.50	<0.50	ug/L	
sec-Butylbenzene	135-98-8	0.50	<0.50	ug/L	
Styrene	100-42-5	0.50	<0.50	ug/L	
tert-Butylbenzene	98-06-6	0.50	<0.50	ug/L	
Tetrachloroethene	127-18-4	0.50	22.3	ug/L	5.E
Toluene	108-88-3	0.50	<0.50	ug/L	
trans-1,2-Dichloroethene	156-60-5	0.50	<0.50	ug/L	
trans-1,3-Dichloropropene	10061-02-6	0.50	<0.50	ug/L	

Client: Pace Analytical	Client ID: 70153587 POC 11/16
Date (Time) Collected: 11/16/2020 10:30	Sample ID: N-07552
Date (Time) Received: 11/24/2020 16:32	Laboratory ID: 0112442-04
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Trichloroethene	79-01-6	0.50	3.96	ug/L	
Trichlorofluoromethane	75-69-4	0.50	<0.50	ug/L	
Vinyl chloride	75-01-4	0.50	<0.50	ug/L	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichlorobenzene-d4	2199-69-1	71	70-130	
4-Bromofluorobenzene	460-00-4	65	70-130	4.D

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Fluorobenzene	462-06-6	89	50-200	

Date Prepared: 11/25/2020

Date Analyzed: 11/25/2020

Preparation Method: EPA 524.2

Analytical Method: EPA 524.2

Client: Pace Analytical	Client ID: 70153587 POC 11/16
Date (Time) Collected: 11/16/2020 10:02	Sample ID: N-01715
Date (Time) Received: 11/24/2020 16:32	Laboratory ID: 0112442-05
Matrix: Potable Water	ELAP: #11693

Volatiles Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	0.50	<0.50	ug/L	
1,1,1-Trichloroethane	71-55-6	0.50	<0.50	ug/L	
1,1,2,2-Tetrachloroethane	79-34-5	0.50	<0.50	ug/L	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.50	<0.50	ug/L	2.B
1,1,2-Trichloroethane	79-00-5	0.50	<0.50	ug/L	
1,1-Dichloroethane	75-34-3	0.50	<0.50	ug/L	
1,1-Dichloroethene	75-35-4	0.50	<0.50	ug/L	
1,1-Dichloropropene	563-58-6	0.50	<0.50	ug/L	
1,2,3-Trichlorobenzene	87-61-6	0.50	<0.50	ug/L	
1,2,3-Trichloropropane	96-18-4	0.50	<0.50	ug/L	
1,2,4-Trichlorobenzene	120-82-1	0.50	<0.50	ug/L	
1,2,4-Trimethylbenzene	95-63-6	0.50	<0.50	ug/L	
1,2-Dichlorobenzene	95-50-1	0.50	<0.50	ug/L	
1,2-Dichloroethane	107-06-2	0.50	<0.50	ug/L	
1,2-Dichloropropane	78-87-5	0.50	<0.50	ug/L	
1,3,5-Trimethylbenzene	108-67-8	0.50	<0.50	ug/L	
1,3-Dichlorobenzene	541-73-1	0.50	<0.50	ug/L	
1,3-Dichloropropane	142-28-9	0.50	<0.50	ug/L	
1,4-Dichlorobenzene	106-46-7	0.50	<0.50	ug/L	
2,2-Dichloropropane	594-20-7	0.50	<0.50	ug/L	
2-Chlorotoluene	95-49-8	0.50	<0.50	ug/L	
4-Chlorotoluene	106-43-4	0.50	<0.50	ug/L	
4-Isopropyltoluene	99-87-6	0.50	<0.50	ug/L	
Benzene	71-43-2	0.50	<0.50	ug/L	
Bromobenzene	108-86-1	0.50	<0.50	ug/L	
Bromochloromethane	74-97-5	0.50	<0.50	ug/L	
Bromodichloromethane	75-27-4	0.50	<0.50	ug/L	
Bromoform	75-25-2	0.50	<0.50	ug/L	
Bromomethane	74-83-9	0.50	<0.50	ug/L	

Client: Pace Analytical	Client ID: 70153587 POC 11/16
Date (Time) Collected: 11/16/2020 10:02	Sample ID: N-01715
Date (Time) Received: 11/24/2020 16:32	Laboratory ID: 0112442-05
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Carbon Tetrachloride	56-23-5	0.50	<0.50	ug/L	
Chlorobenzene	108-90-7	0.50	<0.50	ug/L	
Chlorodifluoromethane	75-45-6	0.50	<0.50	ug/L	2.B
Chloroethane	75-00-3	0.50	<0.50	ug/L	
Chloroform	67-66-3	0.50	<0.50	ug/L	
Chloromethane	74-87-3	0.50	<0.50	ug/L	
cis-1,2-Dichloroethene	156-59-2	0.50	<0.50	ug/L	
cis-1,3-Dichloropropene	10061-01-5	0.50	<0.50	ug/L	
Dibromochloromethane	124-48-1	0.50	<0.50	ug/L	
Dibromomethane	74-95-3	0.50	<0.50	ug/L	
Dichlorodifluoromethane	75-71-8	0.50	<0.50	ug/L	
Ethylbenzene	100-41-4	0.50	<0.50	ug/L	
Hexachlorobutadiene	87-68-3	0.50	<0.50	ug/L	
Isopropylbenzene (Cumene)	98-82-8	0.50	<0.50	ug/L	
m,p-Xylenes	108-38-3/106-42-3	1.00	<1.00	ug/L	4.N
Methylene Chloride	75-09-2	0.50	<0.50	ug/L	
Methyl-tert-Butyl Ether	1634-04-4	0.50	<0.50	ug/L	
Naphthalene	91-20-3	5.00	<5.00	ug/L	
n-Butylbenzene	104-51-8	0.50	<0.50	ug/L	
n-Propylbenzene	103-65-1	0.50	<0.50	ug/L	
o-Xylene	95-47-6	0.50	<0.50	ug/L	
sec-Butylbenzene	135-98-8	0.50	<0.50	ug/L	
Styrene	100-42-5	0.50	<0.50	ug/L	
tert-Butylbenzene	98-06-6	0.50	<0.50	ug/L	
Tetrachloroethene	127-18-4	0.50	<0.50	ug/L	
Toluene	108-88-3	0.50	<0.50	ug/L	
trans-1,2-Dichloroethene	156-60-5	0.50	<0.50	ug/L	
trans-1,3-Dichloropropene	10061-02-6	0.50	<0.50	ug/L	

Client: Pace Analytical	Client ID: 70153587 POC 11/16
Date (Time) Collected: 11/16/2020 10:02	Sample ID: N-01715
Date (Time) Received: 11/24/2020 16:32	Laboratory ID: 0112442-05
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Trichloroethene	79-01-6	0.50	<0.50	ug/L	
Trichlorofluoromethane	75-69-4	0.50	<0.50	ug/L	
Vinyl chloride	75-01-4	0.50	<0.50	ug/L	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichlorobenzene-d4	2199-69-1	71	70-130	
4-Bromofluorobenzene	460-00-4	66	70-130	4.D

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Fluorobenzene	462-06-6	87	50-200	

Date Prepared: 11/25/2020

Date Analyzed: 11/25/2020

Preparation Method: EPA 524.2

Analytical Method: EPA 524.2

Client: Pace Analytical	Client ID: 70153587 POC 11/16
Date (Time) Collected: 11/16/2020 09:00	Sample ID: N-01716
Date (Time) Received: 11/24/2020 16:32	Laboratory ID: 0112442-06
Matrix: Potable Water	ELAP: #11693

Volatiles Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	0.50	<0.50	ug/L	
1,1,1-Trichloroethane	71-55-6	0.50	<0.50	ug/L	
1,1,2,2-Tetrachloroethane	79-34-5	0.50	<0.50	ug/L	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.50	<0.50	ug/L	2.B
1,1,2-Trichloroethane	79-00-5	0.50	<0.50	ug/L	
1,1-Dichloroethane	75-34-3	0.50	<0.50	ug/L	
1,1-Dichloroethene	75-35-4	0.50	<0.50	ug/L	
1,1-Dichloropropene	563-58-6	0.50	<0.50	ug/L	
1,2,3-Trichlorobenzene	87-61-6	0.50	<0.50	ug/L	
1,2,3-Trichloropropane	96-18-4	0.50	<0.50	ug/L	
1,2,4-Trichlorobenzene	120-82-1	0.50	<0.50	ug/L	
1,2,4-Trimethylbenzene	95-63-6	0.50	<0.50	ug/L	
1,2-Dichlorobenzene	95-50-1	0.50	<0.50	ug/L	
1,2-Dichloroethane	107-06-2	0.50	<0.50	ug/L	
1,2-Dichloropropane	78-87-5	0.50	<0.50	ug/L	
1,3,5-Trimethylbenzene	108-67-8	0.50	<0.50	ug/L	
1,3-Dichlorobenzene	541-73-1	0.50	<0.50	ug/L	
1,3-Dichloropropane	142-28-9	0.50	<0.50	ug/L	
1,4-Dichlorobenzene	106-46-7	0.50	<0.50	ug/L	
2,2-Dichloropropane	594-20-7	0.50	<0.50	ug/L	
2-Chlorotoluene	95-49-8	0.50	<0.50	ug/L	
4-Chlorotoluene	106-43-4	0.50	<0.50	ug/L	
4-Isopropyltoluene	99-87-6	0.50	<0.50	ug/L	
Benzene	71-43-2	0.50	<0.50	ug/L	
Bromobenzene	108-86-1	0.50	<0.50	ug/L	
Bromochloromethane	74-97-5	0.50	<0.50	ug/L	
Bromodichloromethane	75-27-4	0.50	<0.50	ug/L	
Bromoform	75-25-2	0.50	<0.50	ug/L	
Bromomethane	74-83-9	0.50	<0.50	ug/L	

Client: Pace Analytical	Client ID: 70153587 POC 11/16
Date (Time) Collected: 11/16/2020 09:00	Sample ID: N-01716
Date (Time) Received: 11/24/2020 16:32	Laboratory ID: 0112442-06
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Carbon Tetrachloride	56-23-5	0.50	<0.50	ug/L	
Chlorobenzene	108-90-7	0.50	<0.50	ug/L	
Chlorodifluoromethane	75-45-6	0.50	<0.50	ug/L	2.B
Chloroethane	75-00-3	0.50	<0.50	ug/L	
Chloroform	67-66-3	0.50	<0.50	ug/L	
Chloromethane	74-87-3	0.50	<0.50	ug/L	
cis-1,2-Dichloroethene	156-59-2	0.50	<0.50	ug/L	
cis-1,3-Dichloropropene	10061-01-5	0.50	<0.50	ug/L	
Dibromochloromethane	124-48-1	0.50	<0.50	ug/L	
Dibromomethane	74-95-3	0.50	<0.50	ug/L	
Dichlorodifluoromethane	75-71-8	0.50	<0.50	ug/L	
Ethylbenzene	100-41-4	0.50	<0.50	ug/L	
Hexachlorobutadiene	87-68-3	0.50	<0.50	ug/L	
Isopropylbenzene (Cumene)	98-82-8	0.50	<0.50	ug/L	
m,p-Xylenes	108-38-3/106-42-3	1.00	<1.00	ug/L	4.N
Methylene Chloride	75-09-2	0.50	<0.50	ug/L	
Methyl-tert-Butyl Ether	1634-04-4	0.50	<0.50	ug/L	
Naphthalene	91-20-3	5.00	<5.00	ug/L	
n-Butylbenzene	104-51-8	0.50	<0.50	ug/L	
n-Propylbenzene	103-65-1	0.50	<0.50	ug/L	
o-Xylene	95-47-6	0.50	<0.50	ug/L	
sec-Butylbenzene	135-98-8	0.50	<0.50	ug/L	
Styrene	100-42-5	0.50	<0.50	ug/L	
tert-Butylbenzene	98-06-6	0.50	<0.50	ug/L	
Tetrachloroethene	127-18-4	0.50	<0.50	ug/L	
Toluene	108-88-3	0.50	<0.50	ug/L	
trans-1,2-Dichloroethene	156-60-5	0.50	<0.50	ug/L	
trans-1,3-Dichloropropene	10061-02-6	0.50	<0.50	ug/L	

Client: Pace Analytical	Client ID: 70153587 POC 11/16
Date (Time) Collected: 11/16/2020 09:00	Sample ID: N-01716
Date (Time) Received: 11/24/2020 16:32	Laboratory ID: 0112442-06
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Trichloroethene	79-01-6	0.50	<0.50	ug/L	
Trichlorofluoromethane	75-69-4	0.50	<0.50	ug/L	
Vinyl chloride	75-01-4	0.50	<0.50	ug/L	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichlorobenzene-d4	2199-69-1	70	70-130	
4-Bromofluorobenzene	460-00-4	63	70-130	4.D

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Fluorobenzene	462-06-6	89	50-200	

Date Prepared: 11/25/2020

Date Analyzed: 11/25/2020

Preparation Method: EPA 524.2

Analytical Method: EPA 524.2

Client: Pace Analytical	Client ID: 70153587 POC 11/16
Date (Time) Collected: 11/16/2020 08:36	Sample ID: GAC-02030
Date (Time) Received: 11/24/2020 16:32	Laboratory ID: 0112442-07
Matrix: Potable Water	ELAP: #11693

Volatiles Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	0.50	<0.50	ug/L	
1,1,1-Trichloroethane	71-55-6	0.50	<0.50	ug/L	
1,1,2,2-Tetrachloroethane	79-34-5	0.50	<0.50	ug/L	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.50	<0.50	ug/L	2.B
1,1,2-Trichloroethane	79-00-5	0.50	<0.50	ug/L	
1,1-Dichloroethane	75-34-3	0.50	<0.50	ug/L	
1,1-Dichloroethene	75-35-4	0.50	<0.50	ug/L	
1,1-Dichloropropene	563-58-6	0.50	<0.50	ug/L	
1,2,3-Trichlorobenzene	87-61-6	0.50	<0.50	ug/L	
1,2,3-Trichloropropane	96-18-4	0.50	<0.50	ug/L	
1,2,4-Trichlorobenzene	120-82-1	0.50	<0.50	ug/L	
1,2,4-Trimethylbenzene	95-63-6	0.50	<0.50	ug/L	
1,2-Dichlorobenzene	95-50-1	0.50	<0.50	ug/L	
1,2-Dichloroethane	107-06-2	0.50	<0.50	ug/L	
1,2-Dichloropropane	78-87-5	0.50	<0.50	ug/L	
1,3,5-Trimethylbenzene	108-67-8	0.50	<0.50	ug/L	
1,3-Dichlorobenzene	541-73-1	0.50	<0.50	ug/L	
1,3-Dichloropropane	142-28-9	0.50	<0.50	ug/L	
1,4-Dichlorobenzene	106-46-7	0.50	<0.50	ug/L	
2,2-Dichloropropane	594-20-7	0.50	<0.50	ug/L	
2-Chlorotoluene	95-49-8	0.50	<0.50	ug/L	
4-Chlorotoluene	106-43-4	0.50	<0.50	ug/L	
4-Isopropyltoluene	99-87-6	0.50	<0.50	ug/L	
Benzene	71-43-2	0.50	<0.50	ug/L	
Bromobenzene	108-86-1	0.50	<0.50	ug/L	
Bromochloromethane	74-97-5	0.50	<0.50	ug/L	
Bromodichloromethane	75-27-4	0.50	<0.50	ug/L	
Bromoform	75-25-2	0.50	<0.50	ug/L	
Bromomethane	74-83-9	0.50	<0.50	ug/L	

Client: Pace Analytical	Client ID: 70153587 POC 11/16
Date (Time) Collected: 11/16/2020 08:36	Sample ID: GAC-02030
Date (Time) Received: 11/24/2020 16:32	Laboratory ID: 0112442-07
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Carbon Tetrachloride	56-23-5	0.50	<0.50	ug/L	
Chlorobenzene	108-90-7	0.50	<0.50	ug/L	
Chlorodifluoromethane	75-45-6	0.50	<0.50	ug/L	2.B
Chloroethane	75-00-3	0.50	<0.50	ug/L	
Chloroform	67-66-3	0.50	<0.50	ug/L	
Chloromethane	74-87-3	0.50	<0.50	ug/L	
cis-1,2-Dichloroethene	156-59-2	0.50	<0.50	ug/L	
cis-1,3-Dichloropropene	10061-01-5	0.50	<0.50	ug/L	
Dibromochloromethane	124-48-1	0.50	<0.50	ug/L	
Dibromomethane	74-95-3	0.50	<0.50	ug/L	
Dichlorodifluoromethane	75-71-8	0.50	<0.50	ug/L	
Ethylbenzene	100-41-4	0.50	<0.50	ug/L	
Hexachlorobutadiene	87-68-3	0.50	<0.50	ug/L	
Isopropylbenzene (Cumene)	98-82-8	0.50	<0.50	ug/L	
m,p-Xylenes	108-38-3/106-42-3	1.00	<1.00	ug/L	4.N
Methylene Chloride	75-09-2	0.50	<0.50	ug/L	
Methyl-tert-Butyl Ether	1634-04-4	0.50	0.55	ug/L	
Naphthalene	91-20-3	5.00	<5.00	ug/L	
n-Butylbenzene	104-51-8	0.50	<0.50	ug/L	
n-Propylbenzene	103-65-1	0.50	<0.50	ug/L	
o-Xylene	95-47-6	0.50	<0.50	ug/L	
sec-Butylbenzene	135-98-8	0.50	<0.50	ug/L	
Styrene	100-42-5	0.50	<0.50	ug/L	
tert-Butylbenzene	98-06-6	0.50	<0.50	ug/L	
Tetrachloroethene	127-18-4	0.50	<0.50	ug/L	
Toluene	108-88-3	0.50	<0.50	ug/L	
trans-1,2-Dichloroethene	156-60-5	0.50	<0.50	ug/L	
trans-1,3-Dichloropropene	10061-02-6	0.50	<0.50	ug/L	

Client: Pace Analytical	Client ID: 70153587 POC 11/16
Date (Time) Collected: 11/16/2020 08:36	Sample ID: GAC-02030
Date (Time) Received: 11/24/2020 16:32	Laboratory ID: 0112442-07
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Trichloroethene	79-01-6	0.50	<0.50	ug/L	
Trichlorofluoromethane	75-69-4	0.50	<0.50	ug/L	
Vinyl chloride	75-01-4	0.50	<0.50	ug/L	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichlorobenzene-d4	2199-69-1	70	70-130	
4-Bromofluorobenzene	460-00-4	63	70-130	4.D

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Fluorobenzene	462-06-6	89	50-200	

Date Prepared: 11/25/2020

Date Analyzed: 11/25/2020

Preparation Method: EPA 524.2

Analytical Method: EPA 524.2

Data Qualifiers Key Reference:

2.B Parameter not certifiable by NELAP.

2.C Sample container received with head-space.

4.D Surrogate recovery has failed low.

4.N LCS recovery was below QC acceptance limit.

5.E Level found exceeds the maximum contaminant level (MCL) as set by local, state or federal agencies.

MDL Minimum Detection Limit

LOQ Limit of Quantitation

Chain of Custody

PASI New York Laboratory

0112442

Analytical®
www.pacelabs.com

Workorder: 70153587 **Workorder Name:** POC 11/16 **Results Requested By:** 12/2/2020

Report / Invoice To

Jennifer Aracri
Pace Analytical Melville
575 Broad Hollow Road
Melville, NY 11747
Phone (631)694-3040
Email: jennifer.aracri@pacelabs.com

Subcontract To

Long Island Analytical
110 Colin Drive
Holbrook NY 11741

P.O. 70153587JSA

State of Sample Origin: NY 0112442

Item	Sample ID		Collect Date/Time	Lab ID	Matrix	Preserved Containers: MeCl	Requested Analysis: Volatiles by 524	LAB USE ONLY
1	N-07551	01	11/16/2020 09:22	70153587001	Drinking		X	
2	N-13510	02	11/16/2020 09:49	70153587002	Drinking		X	
3	AS-8/9/11	03	11/16/2020 09:13	70153587003	Drinking		X	
4	N-07552	04	11/16/2020 10:30	70153587004	Drinking		X	
5	N-01715	05	11/16/2020 10:02	70153587005	Drinking		X	
6	N-01716	06	11/16/2020 09:00	70153587006	Drinking		X	
7	GAC-02030	07	11/16/2020 08:36	70153587008	Drinking		X	

Transfers	Released By	Date/Time	Received By	Date/Time
1	Pace Lt	11/24/20 1530		11-24-20 3:40P
2				
3				

Comments

NY List See Attached

Cooler Temperature on Receipt 0.1 °C | **Custody Seal** Y or N | **Received on Ice** Y or N | **Samples Intact** Y or N

RUSH!

Preserved w/ HCl by CLIENT