

3 October 2023

Mr. Scott Sokolowski Remedial Project Manager Naval Facilities Engineering Command, Mid Atlantic 9324 Virginia Avenue, Building N-26 Norfolk, VA 23511-3095

Subject: September 2023 Sampling Report Full Scale Liquid-Phase Granular Activated Carbon Treatment System Liberty New York Water, Seamans Neck Road Water Plant NWIRP Bethpage, New York Contract No. N40085-16-D-2288, Task Order 5125

Dear Mr. Sokolowski,

The Full Scale Liquid-Phase Granular Activated Carbon (GAC) Treatment System is located at the Liberty New York Water (LNYW) Seamans Neck Road water treatment plant in Levittown, NY. The GAC System was installed at the effluent of the potable water treatment plant and consists of six GAC vessels operating in parallel to remove low levels of trichloroethene (TCE) from Well No. 3A and Well No. 4S. After GAC treatment, the water receives chemical injection of sodium hypochlorite and sodium tripolyphosphate before going to distribution. Startup of the Full Scale GAC Treatment System occurred on 8 January 2015. KOMAN Government Solutions, LLC (KGS) began routine operation and maintenance (O&M) activities in March 2015.

The purpose of this report is to document the sampling activities performed at the GAC Treatment System in September 2023 and present the associated analytical results.

Sampling Requirements

Nassau County Department of Health (NCDH) and the approved Sampling Plan outline the following sampling requirements at the Full Scale GAC System:

- Monthly Sampling: Principal Organic Contaminants (POC) sampling will be performed once a month at the effluent from the GAC treatment system one sample location, plus associated quality assurance / quality control (QA/QC) samples. POCs will be analyzed via EPA Method 542.2.
- Quarterly Sampling: POC sampling will be performed at the influent to the GAC treatment system on a quarterly basis at Well No. 3A and Well No. 4S raw water two sample locations. The monthly POC sample collected at the effluent of the GAC Treatment System (described above) will also serve as the quarterly POC GAC effluent sample. Associated QA/QC samples will also be collected. In addition, microbiological (MIC) samples will be collected on a quarterly basis. Samples will be collected from the

system influent (Well No. 3A and Well No. 4S raw water) and from the effluent of each GAC vessel over a timed sequence. The sampling occurs after the wells and vessels are shut-down for a minimum of 12 hours. Samples will be analyzed via the Colilert method to determine if any *E. Coli* or Total Coliform bacteria are present.

• Annual Sampling: Annual sampling will be performed for Physical and Inorganic Constituents (IOCs) at the system influent (Well No. 3A and Well No. 4S raw water) and effluent – three sampling locations, plus associated QA/QC samples. IOCs include a specified list of metals analyzed via EPA Method 200.7.

September 2023 Sampling Summary

Monthly POC Sampling

On 1 September, monthly POC samples were collected from the GAC system influent, Well No. 3A, Well No. 4S, and the system effluent; a field duplicate and matrix spike / matrix spike duplicate (MS/MSD) from the system effluent were also collected. **Attachment 1** provides the analytical data report for POC samples collected in September 2023. **Table 1**, below, presents the trichloroethene (TCE) analytical results. TCE was not detected in the GAC effluent or GAC effluent duplicate samples. Results for TCE are in compliance with NCDH requirements.

Table 1 - TCE Analytical Results⁽¹⁾ – September 2023

Date	Well 3A Raw [N-14347 (Seaman Neck 3A Well)]	Well 4S Raw [N-09338 (Seaman Neck 4S Well)]	Effluent from GAC System [GAC-3S/4S (Seaman Neck GAC Effluent)]	Effluent from GAC System (Duplicate) [GAC-3S/4S (Seaman Neck GAC Effluent)-D]
09/01/2023	14.9	2.6	ND	ND

Notes:

(1) All concentrations reported in $\mu g/L$ (ppb).

 $ND - Not Detected above the reporting limit (0.50 \mu g/L)$

Quarterly Microbiological (MIC) Sampling - 2023 Q3

On 19 September 2023, GAC #500 and GAC #600 were taken off-line for a minimum required 12-hour period prior to collecting quarterly MIC samples. Well No. 4S and the other four GAC vessels continued to operate. Following the 12-hour shut-down of the vessels, GAC #500 and GAC #500 were brought back on-line. Time sequenced MIC samples were collected from the GAC vessel effluents at 0, 2, 5, 10, and 30 minutes after restart of the vessels on 19 September 2023. Analytical results are presented in **Attachment 2**. As indicated, *E. Coli* and Total Coliform were not present in any of these samples.

On 25 September 2023, GAC #300 and GAC #400 were taken off-line for a minimum required 12-hour period prior to collecting the quarterly MIC samples. Well No. 4S and the other four GAC vessels continued to operate. Following the 12-hour shut-down, GAC #300 and GAC #400 were brought back on-line. Time sequenced MIC samples were collected from Well No. 3A and the GAC vessel effluents at 0, 2, 5, 10, and 30 minutes after restart of the GAC vessels on 25

September 2023. Analytical results are presented in **Attachment 2**. As indicated, *E. Coli* and Total Coliform were not present in any of these samples.

On 27 September 2023, GAC #100 and GAC #200 were taken off-line for a minimum required 12-hour period prior to collecting the quarterly MIC samples. Well No. 4S and the other four GAC vessels continued to operate. Well No. 3A is typically not online during non-peak load periods and is required to be turned on to facilitate sampling Following the 12-hour shut-down, GAC #100 and GAC #200 were brought back on-line. Time sequenced MIC samples were collected from Well No. 4S and the GAC vessel effluents at 0, 2, 5, 10, and 30 minutes after restart of the GAC vessels on 27 September 2023. Analytical results are presented in **Attachment 2**. As indicated, *E. Coli* and Total Coliform were not present in any of these samples.

Please contact me at 610-400-0636 or <u>rgregory@komangs.com</u> with any questions or concerns regarding this report.

Sincerely, *KOMAN Government Solutions, LLC*

Kolut & Sryng

Robert Gregory, P.G. Project Manager

Cc: W. Provoncha – Nassau County M. Alarcon – Nassau County C. Johnson – Nassau County R. Castle – Nassau County J. Pelton – NYSDEC K. Granzen – NYSDEC M. Travis - NYSDEC C. Shukis – NAVFAC V. Varricchio – NWIRP Bethpage Facilities Management R. Kern – LNYW N. Niola – LNYW J. Palmer - LNYW D. Brayack – Tetra Tech R. Moore – Tetra Tech R. Hoffmaster – KGS P. Schauble – KGS

ATTACHMENT 1

POC ANALYTICAL RESULTS FOR SEPTEMBER 2023



September 11, 2023

Robert G. Gregory KOMAN Government Services, LLC 180 Gordon Dr. Suite 110 Exton, PA 19341

RE: Project: NYAW-MERRICK OPS POC/1,4D 9/1 Pace Project No.: 70269098

Dear Robert Gregory:

Enclosed are the analytical results for sample(s) received by the laboratory on September 01, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network: • Pace Analytical Services - Melville

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kimberley Mack

Kimberley M. Mack kimberley.mack@pacelabs.com 516-370-6052 Project Manager

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC





CERTIFICATIONS

Project: NYAW-MERRICK OPS POC/1,4D 9/1

Pace Project No.: 70269098

Pace Analytical Services Long Island

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



SAMPLE SUMMARY

Project: NYAW-MERRICK OPS POC/1,4D 9/1

Pace Project No.: 70269098

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70269098001	GAC-3S/4S (SEAMAN NECK GAC EFF	Drinking Water	09/01/23 09:00	09/01/23 10:50
70269098002	GAC-3S/4S (SEAMAN NECK GAC E-D	Drinking Water	09/01/23 09:10	09/01/23 10:50
70269098003	N-14347 (INFLUENT)	Drinking Water	09/01/23 09:25	09/01/23 10:50
70269098004	N-09338 (INFLUENT)	Drinking Water	09/01/23 09:40	09/01/23 10:50



SAMPLE ANALYTE COUNT

Project:NYAW-MERRICK OPS POC/1,4D 9/1Pace Project No.:70269098

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70269098001	GAC-3S/4S (SEAMAN NECK GAC EFF	EPA 522	SPM	2
		EPA 524.2	KGG	62
70269098002	GAC-3S/4S (SEAMAN NECK GAC E-D	EPA 524.2	KGG	62
70269098003	N-14347 (INFLUENT)	EPA 522	SPM	2
		EPA 524.2	KGG	62
70269098004	N-09338 (INFLUENT)	EPA 522	SPM	2
		EPA 524.2	KGG	62

PACE-MV = Pace Analytical Services - Melville



Project: NYAW-MERRICK OPS POC/1,4D 9/1

Pace Project No.: 70269098

Sample: GAC-3S/4S (SEAMAN NECK GAC EFF	Lab ID:	70269098001	Collected	d: 09/01/23	3 09:00	Received: 09/	01/23 10:50 M	atrix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
522 MSS 1,4 Dioxane (SIM)	Analytical	Method: EPA 5	522 Prepara	ation Metho	d: EPA :	522			
	Pace Ana	lytical Services	- Melville						
1,4-Dioxane (p-Dioxane)	2.1	ug/L	0.020		1	09/07/23 08:41	09/07/23 20:09	123-91-1	
Surrogates	2	ug/L	0.020		•	00/01/20 00.41	00/01/20 20:00	120 01 1	
1,4-Dioxane-d8 (S)	99	%	70-130		1	09/07/23 08:41	09/07/23 20:09		
524.2 MSV	Analytical	Method: EPA 5	524.2						
	Pace Ana	lytical Services	- Melville						
Benzene	<0.50	ug/L	0.50	5	1		09/08/23 15:30	71-43-2	
Bromobenzene	<0.50	ug/L	0.50		1		09/08/23 15:30	108-86-1	
Bromochloromethane	<0.50	ug/L	0.50		1		09/08/23 15:30		
Bromodichloromethane	<0.50	ug/L	0.50	80	1		09/08/23 15:30		
Bromoform	<0.50	ug/L	0.50	80	1		09/08/23 15:30		
Bromomethane	<0.50	ug/L	0.50		1		09/08/23 15:30		
n-Butylbenzene	<0.50	ug/L	0.50		1		09/08/23 15:30		
sec-Butylbenzene	<0.50	ug/L	0.50		1		09/08/23 15:30		
tert-Butylbenzene	<0.50	ug/L	0.50		1		09/08/23 15:30		
Carbon tetrachloride	<0.50	ug/L	0.50	5	1		09/08/23 15:30		
Chlorobenzene	<0.50	ug/L	0.50	100	1		09/08/23 15:30		
Chlorodifluoromethane	<0.50	ug/L	0.50	100	1		09/08/23 15:30		L1,N3
Chloroethane	<0.50	ug/L	0.50		1		09/08/23 15:30		,
Chloroform	<0.50	ug/L	0.50	80	1		09/08/23 15:30		
Chloromethane	<0.50	ug/L	0.50	00	1		09/08/23 15:30		
2-Chlorotoluene	<0.50	ug/L	0.50		1		09/08/23 15:30		
4-Chlorotoluene	<0.50	ug/L	0.50		1		09/08/23 15:30		
Dibromochloromethane	<0.50	ug/L	0.50	80	1		09/08/23 15:30		
Dibromomethane	<0.50	ug/L	0.50	00	1		09/08/23 15:30		
1,2-Dichlorobenzene	<0.50	ug/∟ ug/L	0.50	600	1		09/08/23 15:30		
1,3-Dichlorobenzene	<0.50	-	0.50	000	1		09/08/23 15:30		
1,4-Dichlorobenzene	<0.50	ug/L	0.50	75	1				
Dichlorodifluoromethane		ug/L		75			09/08/23 15:30		11.1.2
	<0.50	ug/L	0.50		1		09/08/23 15:30		IL,L2
1,1-Dichloroethane	<0.50	ug/L	0.50	-	1		09/08/23 15:30		
1,2-Dichloroethane	<0.50	ug/L	0.50	5	1		09/08/23 15:30		
1,1-Dichloroethene	<0.50	ug/L	0.50	7	1		09/08/23 15:30		
cis-1,2-Dichloroethene	<0.50	ug/L	0.50	70	1		09/08/23 15:30		
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	100	1		09/08/23 15:30		
1,2-Dichloropropane	<0.50	ug/L	0.50	5	1		09/08/23 15:30		
1,3-Dichloropropane	<0.50	ug/L	0.50		1		09/08/23 15:30		
2,2-Dichloropropane	<0.50	ug/L	0.50		1		09/08/23 15:30		
1,1-Dichloropropene	<0.50	ug/L	0.50		1		09/08/23 15:30		
cis-1,3-Dichloropropene	<0.50	ug/L	0.50		1		09/08/23 15:30		
trans-1,3-Dichloropropene	<0.50	ug/L	0.50		1		09/08/23 15:30		
Ethylbenzene	<0.50	ug/L	0.50	700	1		09/08/23 15:30		
Hexachloro-1,3-butadiene	<0.50	ug/L	0.50		1		09/08/23 15:30		
Isopropylbenzene (Cumene)	<0.50	ug/L	0.50		1		09/08/23 15:30		
p-Isopropyltoluene	<0.50	ug/L	0.50		1		09/08/23 15:30	99-87-6	



Project: NYAW-MERRICK OPS POC/1,4D 9/1

Pace Project No.: 70269098

Sample: GAC-3S/4S (SEAMAN NECK GAC EFF	Lab ID:	70269098001	Collecte	d: 09/01/23	3 09:00	Received: 09/	/01/23 10:50 M	atrix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical	Method: EPA 5	524.2						
	Pace Anal	ytical Services	- Melville						
Methylene Chloride	<0.50	ug/L	0.50	5	1		09/08/23 15:30	75-09-2	
Methyl-tert-butyl ether	<0.50	ug/L	0.50		1		09/08/23 15:30	1634-04-4	
n-Propylbenzene	<0.50	ug/L	0.50		1		09/08/23 15:30	103-65-1	
Styrene	<0.50	ug/L	0.50	100	1		09/08/23 15:30	100-42-5	
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50		1		09/08/23 15:30	630-20-6	
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50		1		09/08/23 15:30	79-34-5	
Tetrachloroethene	<0.50	ug/L	0.50	5	1		09/08/23 15:30	127-18-4	
Toluene	<0.50	ug/L	0.50	1000	1		09/08/23 15:30	108-88-3	
Total Trihalomethanes (Calc.)	<0.50	ug/L	0.50	80	1		09/08/23 15:30		
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50		1		09/08/23 15:30	87-61-6	
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	70	1		09/08/23 15:30	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	0.50	200	1		09/08/23 15:30	71-55-6	
1,1,2-Trichloroethane	<0.50	ug/L	0.50	5	1		09/08/23 15:30	79-00-5	
Trichloroethene	<0.50	ug/L	0.50	5	1		09/08/23 15:30	79-01-6	
Trichlorofluoromethane	<0.50	ug/L	0.50		1		09/08/23 15:30	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	0.50		1		09/08/23 15:30	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.50	ug/L	0.50		1		09/08/23 15:30	76-13-1	N3
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50		1		09/08/23 15:30	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50		1		09/08/23 15:30	108-67-8	
Vinyl chloride	<0.50	ug/L	0.50	2	1		09/08/23 15:30	75-01-4	
m&p-Xylene	<0.50	ug/L	0.50		1		09/08/23 15:30	179601-23-1	
o-Xylene	<0.50	ug/L	0.50		1		09/08/23 15:30	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	77	%	70-130		1		09/08/23 15:30		
4-Bromofluorobenzene (S)	96	%	70-130		1		09/08/23 15:30	460-00-4	



Project: NYAW-MERRICK OPS POC/1,4D 9/1

Pace Project No.: 70269098

Sample: GAC-3S/4S (SEAMAN NECK GAC E-D	Lab ID:	70269098002	Collected	d: 09/01/23	3 09:10	Received: 09	3/01/23 10:50	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical	Method: EPA 5	24.2						
	•	vtical Services							
Panzana	<0.50	, 	0.50	5	1		09/08/23 15:	F7 71 42 2	
Benzene Bromobenzene	<0.50 <0.50	ug/L	0.50 0.50	S	1		09/08/23 15:		
Bromochloromethane	<0.50 <0.50	ug/L ug/L	0.50		1		09/08/23 15:		
Bromodichloromethane	<0.50 <0.50	-	0.50	80	1		09/08/23 15:		
Bromoform	<0.50 <0.50	ug/L ug/L	0.50	80 80	1		09/08/23 15:		
Bromomethane	<0.50	-	0.50	00	1		09/08/23 15:		
n-Butylbenzene	<0.50 <0.50	ug/L	0.50		1		09/08/23 15:		
		ug/L			1				
sec-Butylbenzene	<0.50	ug/L	0.50		-		09/08/23 15:		
tert-Butylbenzene	<0.50	ug/L	0.50	F	1		09/08/23 15:		
Carbon tetrachloride	<0.50	ug/L	0.50	5 100	1		09/08/23 15:		
Chlorobenzene	<0.50	ug/L	0.50	100	1		09/08/23 15: 09/08/23 15:		
Chlorodifluoromethane	<0.50	ug/L	0.50		1				L1,N3
Chloroethane	<0.50	ug/L	0.50	00	1		09/08/23 15:		
Chloroform	<0.50	ug/L	0.50	80	1		09/08/23 15:		
Chloromethane	<0.50	ug/L	0.50		1		09/08/23 15:		
2-Chlorotoluene	<0.50	ug/L	0.50		1		09/08/23 15:		
4-Chlorotoluene	<0.50	ug/L	0.50		1		09/08/23 15:		
Dibromochloromethane	<0.50	ug/L	0.50	80	1		09/08/23 15:		
Dibromomethane	<0.50	ug/L	0.50		1		09/08/23 15:		
1,2-Dichlorobenzene	<0.50	ug/L	0.50	600	1		09/08/23 15:		
1,3-Dichlorobenzene	<0.50	ug/L	0.50		1		09/08/23 15:		
1,4-Dichlorobenzene	<0.50	ug/L	0.50	75	1		09/08/23 15:		
Dichlorodifluoromethane	<0.50	ug/L	0.50		1		09/08/23 15:	57 75-71-8	IL,L2
1,1-Dichloroethane	<0.50	ug/L	0.50		1		09/08/23 15:		
1,2-Dichloroethane	<0.50	ug/L	0.50	5	1		09/08/23 15:	57 107-06-2	
1,1-Dichloroethene	<0.50	ug/L	0.50	7	1		09/08/23 15:		
cis-1,2-Dichloroethene	<0.50	ug/L	0.50	70	1		09/08/23 15:	57 156-59-2	
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	100	1		09/08/23 15:	57 156-60-5	
1,2-Dichloropropane	<0.50	ug/L	0.50	5	1		09/08/23 15:	57 78-87-5	
1,3-Dichloropropane	<0.50	ug/L	0.50		1		09/08/23 15:	57 142-28-9	
2,2-Dichloropropane	<0.50	ug/L	0.50		1		09/08/23 15:	57 594-20-7	
1,1-Dichloropropene	<0.50	ug/L	0.50		1		09/08/23 15:	57 563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	0.50		1		09/08/23 15:	57 10061-01-5	
trans-1,3-Dichloropropene	<0.50	ug/L	0.50		1		09/08/23 15:	57 10061-02-6	
Ethylbenzene	<0.50	ug/L	0.50	700	1		09/08/23 15:	57 100-41-4	
Hexachloro-1,3-butadiene	<0.50	ug/L	0.50		1		09/08/23 15:	57 87-68-3	
Isopropylbenzene (Cumene)	<0.50	ug/L	0.50		1		09/08/23 15:	57 98-82-8	
p-Isopropyltoluene	<0.50	ug/L	0.50		1		09/08/23 15:	57 99-87-6	
Methylene Chloride	<0.50	ug/L	0.50	5	1		09/08/23 15:	57 75-09-2	
Methyl-tert-butyl ether	<0.50	ug/L	0.50		1		09/08/23 15:	57 1634-04-4	
n-Propylbenzene	<0.50	ug/L	0.50		1		09/08/23 15:	57 103-65-1	
Styrene	<0.50	ug/L	0.50	100	1		09/08/23 15:	57 100-42-5	
-		-							
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50		1		09/08/23 15:	57 630-20-6	



Project: NYAW-MERRICK OPS POC/1,4D 9/1

Pace Project No.: 70269098

Sample: GAC-3S/4S (SEAMAN NECK GAC E-D	Lab ID:	70269098002	Collected	: 09/01/23	3 09:10	Received: 09	/01/23 10:50	Matrix: Drinking	Water
			Report	Reg.					
Parameters	Results	Units	Limit	Limit	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical	Method: EPA 5	24.2						
	Pace Anal	ytical Services	- Melville						
Tetrachloroethene	<0.50	ug/L	0.50	5	1		09/08/23 15:5	7 127-18-4	
Toluene	<0.50	ug/L	0.50	1000	1		09/08/23 15:5	7 108-88-3	
Total Trihalomethanes (Calc.)	<0.50	ug/L	0.50	80	1		09/08/23 15:5	7	
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50		1		09/08/23 15:5	7 87-61-6	
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	70	1		09/08/23 15:5	7 120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	0.50	200	1		09/08/23 15:5	7 71-55-6	
1,1,2-Trichloroethane	<0.50	ug/L	0.50	5	1		09/08/23 15:5	7 79-00-5	
Trichloroethene	<0.50	ug/L	0.50	5	1		09/08/23 15:5	7 79-01-6	
Trichlorofluoromethane	<0.50	ug/L	0.50		1		09/08/23 15:5	7 75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	0.50		1		09/08/23 15:5	7 96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.50	ug/L	0.50		1		09/08/23 15:5	7 76-13-1	N3
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50		1		09/08/23 15:5	7 95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50		1		09/08/23 15:5	7 108-67-8	
Vinyl chloride	<0.50	ug/L	0.50	2	1		09/08/23 15:5	7 75-01-4	
m&p-Xylene	<0.50	ug/L	0.50		1		09/08/23 15:5	7 179601-23-1	
o-Xylene	<0.50	ug/L	0.50		1		09/08/23 15:5	7 95-47-6	
Surrogates		-							
1,2-Dichlorobenzene-d4 (S)	85	%	70-130		1		09/08/23 15:5	7 2199-69-1	
4-Bromofluorobenzene (S)	102	%	70-130		1		09/08/23 15:5	7 460-00-4	



Project: NYAW-MERRICK OPS POC/1,4D 9/1

Pace Project No.: 7

70269098

Sample: N-14347 (INFLUENT)	Lab ID:	70269098003	Collecte	d: 09/01/23	3 09:25	Received: 09/	01/23 10:50 M	atrix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qua
522 MSS 1,4 Dioxane (SIM)	-	Method: EPA &		ation Metho	d: EPA	522			
	Pace Anal	ytical Services	- Melville						
1,4-Dioxane (p-Dioxane)	2.5	ug/L	0.020		1	09/07/23 08:41	09/07/23 20:26	123-91-1	
Surrogates									
1,4-Dioxane-d8 (S)	96	%	70-130		1	09/07/23 08:41	09/07/23 20:26		
524.2 MSV	Analytical	Method: EPA	524.2						
	Pace Anal	ytical Services	- Melville						
Benzene	<0.50	ug/L	0.50	5	1		09/08/23 16:23	71-43-2	
Bromobenzene	<0.50	ug/L	0.50	C C	1		09/08/23 16:23		
Bromochloromethane	<0.50	ug/L	0.50		1		09/08/23 16:23		
Bromodichloromethane	<0.50	ug/L	0.50	80	1		09/08/23 16:23		
Bromoform	<0.50	ug/L	0.50	80	1		09/08/23 16:23		
Bromomethane	<0.50	ug/L	0.50	00	1		09/08/23 16:23		
n-Butylbenzene	<0.50	ug/L	0.50		1		09/08/23 16:23		
sec-Butylbenzene	<0.50	ug/L	0.50		1		09/08/23 16:23		
ert-Butylbenzene	<0.50	ug/L	0.50		1		09/08/23 16:23		
Carbon tetrachloride	<0.50	ug/L	0.50	5	1		09/08/23 16:23		
Chlorobenzene	<0.50	ug/L	0.50	100	1		09/08/23 16:23		
Chlorodifluoromethane	<0.50	ug/L	0.50	100	1		09/08/23 16:23		L1,N3
Chloroethane	<0.50	ug/L	0.50		1		09/08/23 16:23		LI,INJ
Chloroform	<0.50	ug/L	0.50	80	1		09/08/23 16:23		
Chloromethane	<0.50	ug/L ug/L	0.50	00	1		09/08/23 16:23		
2-Chlorotoluene	<0.50	ug/L ug/L	0.50		1		09/08/23 16:23		
I-Chlorotoluene	<0.50	ug/L ug/L	0.50		1		09/08/23 16:23		
		0		00	1				
Dibromochloromethane	<0.50	ug/L	0.50	80			09/08/23 16:23		
Dibromomethane	<0.50	ug/L	0.50	000	1		09/08/23 16:23		
I,2-Dichlorobenzene	<0.50	ug/L	0.50	600	1 1		09/08/23 16:23		
,3-Dichlorobenzene	<0.50	ug/L	0.50	75			09/08/23 16:23		
I,4-Dichlorobenzene	<0.50	ug/L	0.50	75	1		09/08/23 16:23		
Dichlorodifluoromethane	<0.50	ug/L	0.50		1		09/08/23 16:23		IL,L2
I,1-Dichloroethane	<0.50	ug/L	0.50	_	1		09/08/23 16:23		
I,2-Dichloroethane	< 0.50	ug/L	0.50	5	1		09/08/23 16:23		
I,1-Dichloroethene	<0.50	ug/L	0.50	7	1		09/08/23 16:23		
cis-1,2-Dichloroethene	<0.50	ug/L	0.50	70	1		09/08/23 16:23		
rans-1,2-Dichloroethene	<0.50	ug/L	0.50	100	1		09/08/23 16:23		
,2-Dichloropropane	<0.50	ug/L	0.50	5	1		09/08/23 16:23		
I,3-Dichloropropane	<0.50	ug/L	0.50		1		09/08/23 16:23		
2,2-Dichloropropane	<0.50	ug/L	0.50		1		09/08/23 16:23		
,1-Dichloropropene	<0.50	ug/L	0.50		1		09/08/23 16:23		
cis-1,3-Dichloropropene	<0.50	ug/L	0.50		1		09/08/23 16:23		
rans-1,3-Dichloropropene	<0.50	ug/L	0.50		1		09/08/23 16:23		
Ethylbenzene	<0.50	ug/L	0.50	700	1		09/08/23 16:23		
Hexachloro-1,3-butadiene	<0.50	ug/L	0.50		1		09/08/23 16:23		
sopropylbenzene (Cumene)	<0.50	ug/L	0.50		1		09/08/23 16:23		
p-Isopropyltoluene	<0.50	ug/L	0.50		1		09/08/23 16:23		
Methylene Chloride	<0.50	ug/L	0.50	5	1		09/08/23 16:23	75-09-2	



ANALYTICAL RESULTS

Project: NYAW-MERRICK OPS POC/1,4D 9/1

Pace Project No.: 70269098

Taceric	ject No	10203030	
Samplar	N 44247	(INELLIENT)	

Sample: N-14347 (INFLUENT)	Lab ID:	70269098003	Collecte	d: 09/01/2	3 09:25	Received: 09	0/01/23 10:50 M	atrix: Drinking	Water
			Report	Reg.					
Parameters	Results	Units	Limit	Limit	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical	Method: EPA 5	24.2						
	Pace Anal	ytical Services	- Melville						
Methyl-tert-butyl ether	<0.50	ug/L	0.50		1		09/08/23 16:23	1634-04-4	
n-Propylbenzene	<0.50	ug/L	0.50		1		09/08/23 16:23	103-65-1	
Styrene	<0.50	ug/L	0.50	100	1		09/08/23 16:23	100-42-5	
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50		1		09/08/23 16:23	630-20-6	
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50		1		09/08/23 16:23	79-34-5	
Tetrachloroethene	<0.50	ug/L	0.50	5	1		09/08/23 16:23	127-18-4	
Toluene	<0.50	ug/L	0.50	1000	1		09/08/23 16:23	108-88-3	
Total Trihalomethanes (Calc.)	<0.50	ug/L	0.50	80	1		09/08/23 16:23		
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50		1		09/08/23 16:23	87-61-6	
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	70	1		09/08/23 16:23	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	0.50	200	1		09/08/23 16:23	71-55-6	
1,1,2-Trichloroethane	<0.50	ug/L	0.50	5	1		09/08/23 16:23	79-00-5	
Trichloroethene	14.9	ug/L	0.50	5	1		09/08/23 16:23	79-01-6	
Trichlorofluoromethane	<0.50	ug/L	0.50		1		09/08/23 16:23	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	0.50		1		09/08/23 16:23	96-18-4	
1,1,2-Trichlorotrifluoroethane	0.63	ug/L	0.50		1		09/08/23 16:23	76-13-1	N3
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50		1		09/08/23 16:23	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50		1		09/08/23 16:23	108-67-8	
Vinyl chloride	<0.50	ug/L	0.50	2	1		09/08/23 16:23	75-01-4	
m&p-Xylene	<0.50	ug/L	0.50		1		09/08/23 16:23	179601-23-1	
o-Xylene	<0.50	ug/L	0.50		1		09/08/23 16:23	95-47-6	
Surrogates		-							
1,2-Dichlorobenzene-d4 (S)	81	%	70-130		1		09/08/23 16:23	2199-69-1	
4-Bromofluorobenzene (S)	99	%	70-130		1		09/08/23 16:23	460-00-4	



Project: NYAW-MERRICK OPS POC/1,4D 9/1

Pace Project No.:

70269098

īа	CET	ojeci	NO	1020	5050

Sample: N-09338 (INFLUENT)	Lab ID:	70269098004	Collecte	d: 09/01/23	8 09:40	Received: 09/	01/23 10:50 M	atrix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
522 MSS 1,4 Dioxane (SIM)	Analytica	Method: EPA 5	522 Prepara	ation Method	d: EPA	522			
	Pace Ana	lytical Services	- Melville						
1,4-Dioxane (p-Dioxane)	1.8	ug/L	0.020		1	09/07/23 08:41	09/07/23 20:44	123-91-1	
Surrogates		0							
1,4-Dioxane-d8 (S)	88	%	70-130		1	09/07/23 08:41	09/07/23 20:44		
524.2 MSV	Analytica	Method: EPA 5	524.2						
	Pace Ana	lytical Services	- Melville						
Benzene	<0.50	ug/L	0.50	5	1		09/08/23 16:49	71-43-2	
Bromobenzene	<0.50	ug/L	0.50		1		09/08/23 16:49	108-86-1	
Bromochloromethane	<0.50	ug/L	0.50		1		09/08/23 16:49	74-97-5	
Bromodichloromethane	<0.50	ug/L	0.50	80	1		09/08/23 16:49	75-27-4	
Bromoform	<0.50	ug/L	0.50	80	1		09/08/23 16:49	75-25-2	
Bromomethane	<0.50	ug/L	0.50		1		09/08/23 16:49		
n-Butylbenzene	<0.50	ug/L	0.50		1		09/08/23 16:49	104-51-8	
sec-Butylbenzene	<0.50	ug/L	0.50		1		09/08/23 16:49	135-98-8	
ert-Butylbenzene	<0.50	ug/L	0.50		1		09/08/23 16:49	98-06-6	
Carbon tetrachloride	<0.50	ug/L	0.50	5	1		09/08/23 16:49	56-23-5	
Chlorobenzene	<0.50	ug/L	0.50	100	1		09/08/23 16:49	108-90-7	
Chlorodifluoromethane	<0.50	ug/L	0.50		1		09/08/23 16:49	75-45-6	L1,N3
Chloroethane	<0.50	ug/L	0.50		1		09/08/23 16:49	75-00-3	
Chloroform	<0.50	ug/L	0.50	80	1		09/08/23 16:49	67-66-3	
Chloromethane	<0.50	ug/L	0.50		1		09/08/23 16:49	74-87-3	
2-Chlorotoluene	<0.50	ug/L	0.50		1		09/08/23 16:49	95-49-8	
1-Chlorotoluene	<0.50	ug/L	0.50		1		09/08/23 16:49	106-43-4	
Dibromochloromethane	<0.50	ug/L	0.50	80	1		09/08/23 16:49	124-48-1	
Dibromomethane	<0.50	ug/L	0.50		1		09/08/23 16:49	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	0.50	600	1		09/08/23 16:49	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	0.50		1		09/08/23 16:49	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	0.50	75	1		09/08/23 16:49	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	0.50		1		09/08/23 16:49	75-71-8	IL,L2
1,1-Dichloroethane	<0.50	ug/L	0.50		1		09/08/23 16:49	75-34-3	
1,2-Dichloroethane	<0.50	ug/L	0.50	5	1		09/08/23 16:49	107-06-2	
1,1-Dichloroethene	<0.50	ug/L	0.50	7	1		09/08/23 16:49	75-35-4	
cis-1,2-Dichloroethene	<0.50	ug/L	0.50	70	1		09/08/23 16:49	156-59-2	
rans-1,2-Dichloroethene	<0.50	ug/L	0.50	100	1		09/08/23 16:49	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	0.50	5	1		09/08/23 16:49	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	0.50		1		09/08/23 16:49	142-28-9	
2,2-Dichloropropane	<0.50	ug/L	0.50		1		09/08/23 16:49	594-20-7	
1,1-Dichloropropene	<0.50	ug/L	0.50		1		09/08/23 16:49	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	0.50		1		09/08/23 16:49	10061-01-5	
trans-1,3-Dichloropropene	<0.50	ug/L	0.50		1		09/08/23 16:49	10061-02-6	
Ethylbenzene	<0.50	ug/L	0.50	700	1		09/08/23 16:49	100-41-4	
Hexachloro-1,3-butadiene	<0.50	ug/L	0.50		1		09/08/23 16:49	87-68-3	
Isopropylbenzene (Cumene)	<0.50	ug/L	0.50		1		09/08/23 16:49	98-82-8	
p-lsopropyltoluene	<0.50	ug/L	0.50		1		09/08/23 16:49	99-87-6	
Methylene Chloride	<0.50	ug/L	0.50	5	1		09/08/23 16:49	75-09-2	



Project: NYAW-MERRICK OPS POC/1,4D 9/1

Pace Project No.:

70269098

Sample: N-09338 (INFLUENT)	Lab ID:	70269098004	Collecte	d: 09/01/23	3 09:40	Received: 09	9/01/23 10:50 M	atrix: Drinking	Water
			Report	Reg.					
Parameters	Results	Units	Limit	Limit	DF	Prepared	Analyzed	CAS No.	Qua
524.2 MSV	Analytical	Method: EPA 5	24.2						
	Pace Ana	lytical Services	- Melville						
Methyl-tert-butyl ether	<0.50	ug/L	0.50		1		09/08/23 16:49	1634-04-4	
n-Propylbenzene	<0.50	ug/L	0.50		1		09/08/23 16:49	103-65-1	
Styrene	<0.50	ug/L	0.50	100	1		09/08/23 16:49	100-42-5	
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50		1		09/08/23 16:49	630-20-6	
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50		1		09/08/23 16:49	79-34-5	
Tetrachloroethene	<0.50	ug/L	0.50	5	1		09/08/23 16:49	127-18-4	
Toluene	<0.50	ug/L	0.50	1000	1		09/08/23 16:49	108-88-3	
Total Trihalomethanes (Calc.)	<0.50	ug/L	0.50	80	1		09/08/23 16:49		
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50		1		09/08/23 16:49	87-61-6	
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	70	1		09/08/23 16:49	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	0.50	200	1		09/08/23 16:49	71-55-6	
1,1,2-Trichloroethane	<0.50	ug/L	0.50	5	1		09/08/23 16:49	79-00-5	
Trichloroethene	2.6	ug/L	0.50	5	1		09/08/23 16:49	79-01-6	
Trichlorofluoromethane	<0.50	ug/L	0.50		1		09/08/23 16:49	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	0.50		1		09/08/23 16:49	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.50	ug/L	0.50		1		09/08/23 16:49	76-13-1	N3
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50		1		09/08/23 16:49	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50		1		09/08/23 16:49	108-67-8	
Vinyl chloride	<0.50	ug/L	0.50	2	1		09/08/23 16:49	75-01-4	
m&p-Xylene	<0.50	ug/L	0.50		1		09/08/23 16:49	179601-23-1	
o-Xylene	<0.50	ug/L	0.50		1		09/08/23 16:49	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	83	%	70-130		1		09/08/23 16:49	2199-69-1	
4-Bromofluorobenzene (S)	104	%	70-130		1		09/08/23 16:49	460-00-4	



Project:	NYAW-MERRICK OPS POC/1,4D 9/1
Pace Project No .:	70269098

C Batch: 3194	59	Analysis Meth	nod: EF	PA 524.2						
C Batch Method: EPA	524.2	Analysis Desc	cription: 52	4.2 MSV						
		Laboratory:		Pace Analytical Services - Melville						
ssociated Lab Samples:	70269098001, 70269098002,	70269098003, 70	0269098004	·						
ETHOD BLANK: 16275	60	Matrix:	Water							
ssociated Lab Samples:	70269098001, 70269098002,	70269098003, 70	0269098004							
		Blank	Reporting							
Parameter	Units	Result	Limit	Analyzed	Qualifiers					
1,1,2-Tetrachloroethane	ug/L	<0.50	0.50	09/08/23 08:19						
,1,1-Trichloroethane	ug/L	<0.50	0.50	09/08/23 08:19						
,1,2,2-Tetrachloroethane	ug/L	<0.50	0.50	09/08/23 08:19						
,1,2-Trichloroethane	ug/L	<0.50	0.50	09/08/23 08:19						
,1,2-Trichlorotrifluoroethan		<0.50	0.50	09/08/23 08:19	N3					
,1-Dichloroethane	ug/L	<0.50	0.50	09/08/23 08:19						
,1-Dichloroethene	ug/L	<0.50	0.50	09/08/23 08:19						
1-Dichloropropene	ug/L	<0.50	0.50	09/08/23 08:19						
2,3-Trichlorobenzene	ug/L	<0.50	0.50	09/08/23 08:19						
2,3-Trichloropropane	ug/L	<0.50	0.50	09/08/23 08:19						
2,4-Trichlorobenzene	ug/L	<0.50	0.50	09/08/23 08:19						
2,4-Trimethylbenzene	ug/L	<0.50	0.50	09/08/23 08:19						
2-Dichlorobenzene	ug/L	<0.50	0.50	09/08/23 08:19						
2-Dichloroethane	ug/L	<0.50	0.50	09/08/23 08:19						
2-Dichloropropane	ug/L	<0.50	0.50	09/08/23 08:19						
3,5-Trimethylbenzene	ug/L	<0.50	0.50	09/08/23 08:19						
3-Dichlorobenzene	ug/L	<0.50	0.50	09/08/23 08:19						
3-Dichloropropane	ug/L	<0.50	0.50	09/08/23 08:19						
4-Dichlorobenzene	ug/L	<0.50	0.50	09/08/23 08:19						
2-Dichloropropane	ug/L	< 0.50	0.50	09/08/23 08:19						
-Chlorotoluene	ug/L	<0.50	0.50	09/08/23 08:19						
-Chlorotoluene	ug/L	<0.50	0.50	09/08/23 08:19						
enzene	ug/L	<0.50	0.50	09/08/23 08:19						
Bromobenzene	ug/L	<0.50	0.50	09/08/23 08:19						
Bromochloromethane	ug/L	<0.50	0.50	09/08/23 08:19						
Bromodichloromethane	ug/L	<0.50	0.50	09/08/23 08:19						
romoform	ug/L	<0.50	0.50	09/08/23 08:19						
romomethane	ug/L	<0.50	0.50	09/08/23 08:19						
Carbon tetrachloride	ug/L	<0.50	0.50	09/08/23 08:19						
Chlorobenzene	ug/L	<0.50	0.50	09/08/23 08:19						
hlorodifluoromethane	ug/L	<0.50	0.50	09/08/23 08:19	N3					
hloroethane	ug/L	<0.50	0.50	09/08/23 08:19						
hloroform	ug/L	<0.50	0.50	09/08/23 08:19						
hloromethane	ug/L	<0.50	0.50	09/08/23 08:19						
s-1,2-Dichloroethene	ug/L	<0.50	0.50	09/08/23 08:19						
s-1,3-Dichloropropene	ug/L	<0.50	0.50	09/08/23 08:19						
Dibromochloromethane	ug/L	<0.50	0.50	09/08/23 08:19						
ibromomethane	ug/L	<0.50	0.50	09/08/23 08:19						
Dichlorodifluoromethane	ug/L	<0.50	0.50	09/08/23 08:19						
ioniorouniuoronicinarie	uy/L	~0.00	0.00	00,00,20 00.19						

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Project: NYAW-MERRICK OPS POC/1,4D 9/1

Pace Project No.: 70269098

METHOD BLANK: 1627560 Matrix: Water Associated Lab Samples: 70269098001, 70269098002, 70269098003, 70269098004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers		
Hexachloro-1,3-butadiene	ug/L	<0.50	0.50	09/08/23 08:19			
Isopropylbenzene (Cumene)	ug/L	<0.50	0.50	09/08/23 08:19			
m&p-Xylene	ug/L	<0.50	0.50	09/08/23 08:19			
Methyl-tert-butyl ether	ug/L	<0.50	0.50	09/08/23 08:19			
Methylene Chloride	ug/L	<0.50	0.50	09/08/23 08:19			
n-Butylbenzene	ug/L	<0.50	0.50	09/08/23 08:19			
n-Propylbenzene	ug/L	<0.50	0.50	09/08/23 08:19			
o-Xylene	ug/L	<0.50	0.50	09/08/23 08:19			
p-Isopropyltoluene	ug/L	<0.50	0.50	09/08/23 08:19			
sec-Butylbenzene	ug/L	<0.50	0.50	09/08/23 08:19			
Styrene	ug/L	<0.50	0.50	09/08/23 08:19			
tert-Butylbenzene	ug/L	<0.50	0.50	09/08/23 08:19			
Tetrachloroethene	ug/L	<0.50	0.50	09/08/23 08:19			
Toluene	ug/L	<0.50	0.50	09/08/23 08:19			
Total Trihalomethanes (Calc.)	ug/L	<0.50	0.50	09/08/23 08:19			
trans-1,2-Dichloroethene	ug/L	<0.50	0.50	09/08/23 08:19			
trans-1,3-Dichloropropene	ug/L	<0.50	0.50	09/08/23 08:19			
Trichloroethene	ug/L	<0.50	0.50	09/08/23 08:19			
Trichlorofluoromethane	ug/L	<0.50	0.50	09/08/23 08:19			
Vinyl chloride	ug/L	<0.50	0.50	09/08/23 08:19			
1,2-Dichlorobenzene-d4 (S)			70-130	09/08/23 08:19			
4-Bromofluorobenzene (S)	%	99	70-130	09/08/23 08:19			

LABORATORY CONTROL SAMPLE: 1627561

_		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc	Result	% Rec	Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	10	8.5	85	70-130	
1,1,1-Trichloroethane	ug/L	10	10	100	70-130	
1,1,2,2-Tetrachloroethane	ug/L	10	10.5	105	70-130	
1,1,2-Trichloroethane	ug/L	10	10	100	70-130	
1,1,2-Trichlorotrifluoroethane	ug/L	10	12.1	121	70-130	N3
1,1-Dichloroethane	ug/L	10	9.0	90	70-130	
1,1-Dichloroethene	ug/L	10	8.5	85	70-130	
1,1-Dichloropropene	ug/L	10	8.9	89	70-130	
1,2,3-Trichlorobenzene	ug/L	10	9.7	97	70-130	
1,2,3-Trichloropropane	ug/L	10	9.4	94	70-130	
1,2,4-Trichlorobenzene	ug/L	10	9.0	90	70-130	
1,2,4-Trimethylbenzene	ug/L	10	9.9	99	70-130	
1,2-Dichlorobenzene	ug/L	10	8.9	89	70-130	
1,2-Dichloroethane	ug/L	10	10.1	101	70-130	
1,2-Dichloropropane	ug/L	10	9.2	92	70-130	
1,3,5-Trimethylbenzene	ug/L	10	10.2	102	70-130	
1,3-Dichlorobenzene	ug/L	10	9.4	94	70-130	
1,3-Dichloropropane	ug/L	10	9.6	96	70-130	

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REPORT OF LABORATORY ANALYSIS

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Project: NYAW-MERRICK OPS POC/1,4D 9/1

Pace Project No.: 70269098

LABORATORY CONTROL SAMPLE: 1627561

texachloro-1,3-butadiene ug/L 10 8.4 84 70-130 sopropylbenzene (Cumene) ug/L 10 9.1 91 70-130 n&p-Xylene ug/L 20 19.8 99 70-130 lethyl-tert-butyl ether ug/L 10 8.5 85 70-130 lethyl-tert-butyl ether ug/L 10 9.9 99 70-130 Betrylbenzene ug/L 10 9.9 99 70-130 -Butylbenzene ug/L 10 9.8 98 70-130 -Propylbenzene ug/L 10 9.7 97 70-130 -Isopropyltoluene ug/L 10 9.8 98 70-130 ec-Butylbenzene ug/L 10 9.0 90 70-130 ec-Butylbenzene ug/L 10 9.8 98 70-130 ec-Butylbenzene ug/L 10 8.8 88 70-130 etrachloroethene ug/L 10 8.2 82 70-130 otal Trihalomethanes (Calc.) ug/L 10	Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Dichloropropane ug/L 10 9.7 97 70-130 -Chlorotolluene ug/L 10 9.9 99 70-130 consobenzene ug/L 10 9.0 99 70-130 romobenzene ug/L 10 8.8 88 70-130 romodchoromethane ug/L 10 8.6 86 70-130 romodchloromethane ug/L 10 9.5 95 70-130 romodchloromethane ug/L 10 9.5 95 70-130 romodchloromethane ug/L 10 8.4 84 70-130 romodchloromethane ug/L 10 9.5 95 70-130 romodchloromethane ug/L 10 9.3 37 70-130 rhorothane ug/L 10 9.7 97 70-130 rhorothane ug/L 10 9.3 33 70-130 rhorothane ug/L 10 9.4 84 70-130 rhorothane ug/L 10 9.7 77 70-130	1.4-Dichlorobenzene	ua/l		9.3	93	70-130	
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NetrolNoNoNoNoNoNoNoNoNo-Butylbenzeneug/L1010.510570-13010010.510570-130-Propylbenzeneug/L109.89870-13010010.510570-130-Xyleneug/L109.79770-13010010.510570-130-Isopropyltolueneug/L109.89870-13010010.810010.810010.810010.810010.810010010.810010010.810010010.810010010.8100 <t< td=""><td>n&p-Xylene</td><td>ug/L</td><td>20</td><td>19.8</td><td>99</td><td>70-130</td><td></td></t<>	n&p-Xylene	ug/L	20	19.8	99	70-130	
Buylbenzeneug/L1010.510570-130-Propylbenzeneug/L109.89870-130-Xyleneug/L109.79770-130-lsopropyltolueneug/L109.09070-130ec-Butylbenzeneug/L109.89870-130etrachloroetheneug/L109.89870-130etrachloroetheneug/L1010.810870-130etrachloroetheneug/L108.88870-130olueneug/L108.28270-130otal Trihalomethanes (Calc.)ug/L109.29270-130ans-1,2-Dichloroetheneug/L109.79770-130ans-1,3-Dichloropropeneug/L109.49470-130richlorofluoromethaneug/L109.59570-130richlorofluoromethaneug/L109.59570-130richlorofluoromethaneug/L109.59570-130richlorofluoromethaneug/L109.59570-130richlorofluoromethaneug/L109.59570-130richlorofluoromethaneug/L108.28270-130richlorofluoromethaneug/L109.59570-130richlorofluoromethaneug/L108.28270-130richlorofluoromethaneug/L108.28	Methyl-tert-butyl ether	ug/L	10	8.5	85	70-130	
Providenceug/L109.89870-130-Xyleneug/L109.79770-130-lsopropyltolueneug/L109.09070-130-lsopropyltolueneug/L109.89870-130ec-Butylbenzeneug/L109.89870-130etrachloroetheneug/L1010.810870-130etrachloroetheneug/L108.88870-130olueneug/L108.28270-130otal Trihalomethanes (Calc.)ug/L35.2	Nethylene Chloride	ug/L	10	9.9	99	70-130	
-Xyleug/L109.79770-130-Isopropyltolueneug/L109.09070-130-Isopropyltolueneug/L109.89870-130ec-Butylbenzeneug/L1010.810870-130tyreneug/L108.88870-130etrachloroetheneug/L108.28270-130olueneug/L109.29270-130otal Trihalomethanes (Calc.)ug/L35.2	n-Butylbenzene	ug/L	10	10.5	105	70-130	
-Isopropyltolueneug/L109.09070-130ec-Butylbenzeneug/L109.89870-130tyreneug/L1010.810870-130ert-Butylbenzeneug/L108.88870-130etrachloroetheneug/L108.28270-130oblueneug/L109.29270-130otal Trihalomethanes (Calc.)ug/L35.2	n-Propylbenzene	ug/L	10	9.8	98	70-130	
uc-Butylbenzene ug/L 10 9.8 98 70-130 ityrene ug/L 10 10.8 108 70-130 ert-Butylbenzene ug/L 10 8.8 88 70-130 etrachloroethene ug/L 10 8.2 82 70-130 etrachloroethene ug/L 10 8.2 82 70-130 obluene ug/L 10 9.2 92 70-130 otal Trihalomethanes (Calc.) ug/L 35.2	o-Xylene	ug/L	10	9.7	97	70-130	
Arryoneug/L1010.810870-130ert-Butylbenzeneug/L108.88870-130etrachloroetheneug/L108.28270-130oblueneug/L109.29270-130otal Trihalomethanes (Calc.)ug/L35.2	o-Isopropyltoluene	ug/L	10	9.0	90	70-130	
ug/L 10 10.8 108 70-130 ert-Butylbenzene ug/L 10 8.8 88 70-130 etrachloroethene ug/L 10 8.2 82 70-130 oluene ug/L 10 9.2 92 70-130 otal Trihalomethanes (Calc.) ug/L 35.2	sec-Butylbenzene	ug/L	10	9.8	98	70-130	
art-Butylbenzeneug/L108.88870-130etrachloroetheneug/L108.28270-130olueneug/L109.29270-130otal Trihalomethanes (Calc.)ug/L35.2	Styrene	-	10	10.8	108	70-130	
etrachloroethene ug/L 10 8.2 82 70-130 oluene ug/L 10 9.2 92 70-130 otal Trihalomethanes (Calc.) ug/L 35.2	ert-Butylbenzene	0	10	8.8	88	70-130	
voluene ug/L 10 9.2 92 70-130 votal Trihalomethanes (Calc.) ug/L 35.2	etrachloroethene	-					
otal Trihalomethanes (Calc.) ug/L 35.2 ans-1,2-Dichloroethene ug/L 10 9.2 92 70-130 ans-1,3-Dichloropropene ug/L 10 9.7 97 70-130 richloroethene ug/L 10 9.4 94 70-130 richlorofluoromethane ug/L 10 9.5 95 70-130 rinyl chloride ug/L 10 8.2 82 70-130	Foluene	0		9.2		70-130	
ans-1,2-Dichloroetheneug/L109.29270-130ans-1,3-Dichloropropeneug/L109.79770-130richloroetheneug/L109.49470-130richlorofluoromethaneug/L109.59570-130ínyl chlorideug/L108.28270-130		-	-				
ans-1,3-Dichloropropeneug/L109.79770-130richloroetheneug/L109.49470-130richlorofluoromethaneug/L109.59570-130ínyl chlorideug/L108.28270-130			10		92	70-130	
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richlorofluoromethane ug/L 10 9.5 95 70-130 'inyl chloride ug/L 10 8.2 82 70-130		-					
inyl chloride ug/L 10 8.2 82 70-130		0					
2-1)chlorobenzene-d4 (S) % 88 70-130	1,2-Dichlorobenzene-d4 (S)	%	10	0.2	88	70-130	
	4-Bromofluorobenzene (S)						

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Project: NYAW-MERRICK OPS POC/1,4D 9/1

Pace Project No.: 70269098

SAMPLE DUPLICATE: 1628199

Parameter	Units	70269125003 Result	Dup Result	RPD	Max RPD Q	ualifiers
,1,1,2-Tetrachloroethane						aamora
	ug/L	<0.50 <0.50	<0.50		20	
,1,1-Trichloroethane	ug/L		< 0.50		20	
,1,2,2-Tetrachloroethane	ug/L	<0.50	< 0.50		20	
,1,2-Trichloroethane	ug/L	<0.50	< 0.50		20	
,1,2-Trichlorotrifluoroethane	ug/L	<0.50	<0.50		20 N3	
,1-Dichloroethane	ug/L	2.8	2.9	4	20	
,1-Dichloroethene	ug/L	1.7	1.9	8	20	
,1-Dichloropropene	ug/L	<0.50	<0.50		20	
,2,3-Trichlorobenzene	ug/L	<0.50	<0.50		20	
,2,3-Trichloropropane	ug/L	<0.50	<0.50		20	
,2,4-Trichlorobenzene	ug/L	<0.50	<0.50		20	
,2,4-Trimethylbenzene	ug/L	<0.50	<0.50		20	
,2-Dichlorobenzene	ug/L	<0.50	<0.50		20	
,2-Dichloroethane	ug/L	<0.50	<0.50		20	
,2-Dichloropropane	ug/L	<0.50	<0.50		20	
,3,5-Trimethylbenzene	ug/L	<0.50	<0.50		20	
,3-Dichlorobenzene	ug/L	<0.50	<0.50		20	
,3-Dichloropropane	ug/L	<0.50	<0.50		20	
,4-Dichlorobenzene	ug/L	<0.50	<0.50		20	
,2-Dichloropropane	ug/L	<0.50	<0.50		20	
-Chlorotoluene	ug/L	<0.50	<0.50		20	
-Chlorotoluene	ug/L	<0.50	<0.50		20	
enzene	ug/L	<0.50	<0.50		20	
romobenzene	ug/L	<0.50	<0.50		20	
romochloromethane	ug/L	<0.50	<0.50		20	
romodichloromethane	ug/L	<0.50	<0.50		20	
romoform	ug/L	<0.50	<0.50		20	
bromomethane	ug/L	<0.50	<0.50		20	
arbon tetrachloride	ug/L	<0.50	<0.50		20	
Chlorobenzene	ug/L	<0.50	<0.50		20	
Chlorodifluoromethane	ug/L	<0.50	<0.50		20 N3	
Chloroethane	ug/L	<0.50	<0.50		20	
Chloroform	ug/L	0.77	0.83	8	20	
hloromethane	ug/L	<0.50	<0.50		20	
is-1,2-Dichloroethene	ug/L	2.0	2.2	6	20	
is-1,3-Dichloropropene	ug/L	<0.50	<0.50		20	
Dibromochloromethane	ug/L	<0.50	<0.50		20	
Dibromomethane	ug/L	<0.50	<0.50		20	
Pichlorodifluoromethane	ug/L	<0.50	<0.50		20 IL	
thylbenzene	ug/L	<0.50	<0.50		20	
lexachloro-1,3-butadiene	ug/L	<0.50	<0.50		20	
sopropylbenzene (Cumene)	ug/L	<0.50	<0.50		20	
n&p-Xylene	ug/L	<0.50	<0.50		20	
lethyl-tert-butyl ether	ug/L	<0.50	<0.50		20	
lethylene Chloride	ug/L	<0.50	<0.50		20	
,	·					
-Butylbenzene	ug/L	<0.50	< 0.50		20	

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REPORT OF LABORATORY ANALYSIS

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Project: NYAW-MERRICK OPS POC/1,4D 9/1

Pace Project No.: 70269098

SAMPLE DUPLICATE: 1628199

		70269125003	Dup		Max	
Parameter	Units	Result	Result	RPD	RPD	Qualifiers
o-Xylene	ug/L	<0.50	<0.50		20	
p-Isopropyltoluene	ug/L	<0.50	<0.50		20	
sec-Butylbenzene	ug/L	<0.50	<0.50		20	
Styrene	ug/L	<0.50	<0.50		20	
tert-Butylbenzene	ug/L	<0.50	<0.50		20	
Tetrachloroethene	ug/L	37.5	39.8	6	20	
Toluene	ug/L	<0.50	<0.50		20	
Total Trihalomethanes (Calc.)	ug/L	0.77	0.83	8	20	
trans-1,2-Dichloroethene	ug/L	<0.50	<0.50		20	
trans-1,3-Dichloropropene	ug/L	<0.50	<0.50		20	
Trichloroethene	ug/L	1.9	2.1	10	20	
Trichlorofluoromethane	ug/L	<0.50	<0.50		20	
Vinyl chloride	ug/L	<0.50	<0.50		20	
1,2-Dichlorobenzene-d4 (S)	%	77	78		20	
4-Bromofluorobenzene (S)	%	94	98		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



Project:	NYAW-MERRICK 70269098	(OPS POC/1,4D 9/1						
Pace Project No.: QC Batch:			An aluaia Ma	the end of the	DA 500			
	319179		Analysis Me		PA 522			
QC Batch Method:	EPA 522		Analysis De	•	22 MSS 1,4 Diox			
			Laboratory:	F	Pace Analytical Se	ervices - Melville	9	
Associated Lab Sam	ples: 7026909	8001, 70269098003,	70269098004					
METHOD BLANK:	1625961		Matrix	Drinking Wate	r			
Associated Lab Sam	nples: 7026909	8001, 70269098003,	70269098004	-				
			Blank	Reporting				
Param	neter	Units	Result	Limit	Analyzed	Qualifiers	5	
1,4-Dioxane (p-Diox	ane)	ug/L	<0.020	0.020	09/08/23 12:1	4		
1,4-Dioxane-d8 (S)		%	102	70-130				
LABORATORY CON		1625962						
		.020002	Spike	LCS	LCS	% Rec		
Param	neter	Units	•	Result	% Rec	Limits C	Qualifiers	
1,4-Dioxane (p-Diox	ane)	ug/L	4	4.1	103	70-130 E		
1,4-Dioxane-d8 (S)		%			98	70-130		
MATRIX SPIKE SAM	/PI F:	1625965						
		.020000	70268891003	3 Spike	MS	MS	% Rec	
Param	neter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
1,4-Dioxane (p-Diox	ane)	 ug/L	0.	68 4	4.8	104	70-130	Ξ
1,4-Dioxane-d8 (S)	,	%				98	70-130	
SAMPLE DUPLICAT	TE: 1625966							
			70268915003	Dup		Max		
				Result	RPD	RPD	Qualifiers	
Param	neter	Units	Result	Result	IN D		Quanners	
Param 1,4-Dioxane (p-Diox		Units ug/L		0.15				-

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALIFIERS

Project: NYAW-MERRICK OPS POC/1,4D 9/1

Pace Project No.: 70269098

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

- E Analyte concentration exceeded the calibration range. The reported result is estimated.
- 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.
- 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.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project:NYAW-MERRICK OPS POC/1,4D 9/1Pace Project No.:70269098

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70269098001	GAC-3S/4S (SEAMAN NECK GAC EPA 522 EFF		319179	EPA 522	319405
70269098003	N-14347 (INFLUENT)	EPA 522	319179	EPA 522	319405
70269098004	N-09338 (INFLUENT)	EPA 522	319179	EPA 522	319405
70269098001	GAC-3S/4S (SEAMAN NECK GAC EFF	EPA 524.2	319459		
70269098002	GAC-3S/4S (SEAMAN NECK GAC E-D	EPA 524.2	319459		
70269098003	N-14347 (INFLUENT)	EPA 524.2	319459		
70269098004	N-09338 (INFLUENT)	EPA 524.2	319459		



CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately,

Gecuditar			t Info	rmation:						llon C	otma	tion:															Pag	e:		Of	1
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Phone:	(610) 400-0636 Fax. Project			AW-MERR		FACILIT	Y	-	Pace	e Proje	ct Ma	nade	r:	Kim	berley	Ma	cka	Pad	elal	os.co	n				1.1			State /	Location		
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ITEM #	otherם סד Sample lds must be unique Tissue TS		SAMPLE TYPE	DATE	TIME	DATE	TIME	SAMPLE TE	# OF CONTAINERS	Unpreserved	H2SO4	P	NaOH	Na2S2O3	Methanol		Analy	POC (VOC	1,4-dioxane									Residual Chlorine			
1	GAC-3S/4S (Seaman Neck GAC Effluent)	DI	NG			1.23	900	Γ	4			×		x	Î		T	T	x			Γ						Π			
2	GAC-3S/4S (Seaman Neck GAC Effluent)-I		NG		C		910		2			×					Γ	x													
3	Well 3A N-14347 (Influent)		NG		9		7:25		4			×		x				x	x												
4	Well 4 N-09338 (Influent)	DI	NG		C		1:40		4			×		x				x	x												
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Page 21 of 23					PRI	NT Name	AND SIC	LEF	2:	Ran	dy H	offm	aste	er ,														nP in C	eived on J)	Custody Sealed Cooler (Y/N)	Samples ntact() (Y/N)
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	CG1U	J	L Unp	res Ja	ar (Co	n Ed)	_	AG1		1L HC	_	nber (alass			BP3T		50mL		_	_		WP		Wip	9					1	9124		200	SO		1111	al De	100	0																	
								AG1	A	(NH40	CI)			_	_	IP35	_	50mL	_			-										VG9		OmL N	la Th	io am	ber v	al	_	4																	
	WG90	-	oz cle		-	_										BP3R	_	50mL		_	_	H_	4								Ŀ	DG9/		mL As					ials																		
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Additional Comments

Qualizax ID 152532

Page

22 of

23

AG3T Na Thiosulfate 250mL bottle BP1B Na Thiosulfate Amber bottle

AG1T Na Thiosultate 1L Amber AG1A 525.3 Chemical Blend B

Sender Initials

Due Date: 09/13/23

WO#:70269098

PM: KMM

 $\{ x_i \}$

CLIENT: KGS

DC#_Title_ENV_FRM-MELV-0024 v4_SCUR Effective Date_5/23/2023

WO#:70269098

Client Name:	Project # PM: KMM Due Date: 09/13/23
Courier: D Fed Ex D UPS D USPS Client D Commercial	Pace Other CLIENT: KGS
Tracking #	
Packing Material: Bubble Wrap Bubble Bags Ziploc	
Thermometer Used: 77/196 Correction Factor: - Cooler Temperature(°C): 72-4 Cooler Temperature Co Temp should be above freezing to 6.0°C	rrected(°C):/2.1 Date/Time 5035A kits placed in freezer
USDA Regulated Soil (N/A, water sample)	
Did samples originate in a quarantine zone within the United St or VA (chec Did samples orignate from a foreign sourc	ates: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, k map)? □ Yes □ No e including Hawaii and Puerto Rico)? □ Yes □ No
If Yes to either question, fill out a Regulated Soil Checkl	ist (ENV-FRM-MELV-0076) and include with SCUR/COC paperwork. Date and Initials of person examining contents: 5/4 9/1/13
	COMMENTS:
Chain of Custody Present: aYes aNo	1
ontain of output in the office	2.
Chain of Custody Filled Out: DYes DNO Chain of Custody Relinquished: DYes DNO	3.
Sampler Name & Signature on COC: Dies DNo DN/A	4.
Samples Arrived within Hold Time: gives oNo	5.
Short Hold Time Analysis (<72hr): DYes DNo	6.
Rush Turn Around Time Requested DYes aNo	7.
Sufficient Volume: (Triple volume ores oNo	8.
provided for MS/MSD)	
Correct Containers Used: DYes DNo	9.
-Pace Containers Used: ares aNo	
Containers Intact: prés oNo	10.
Filtered volume received for DYes No CMIA Dissolved tests	11. Note: if sediment is visible in the dissolved container.
Sample Labels match COC:	12.
-Includes date/time/ID/Analysic Matrix: SL (VT) OIL OTHER	Date and Initials of person checking preservation:
All containers needing preservation oYes aNo aNA	13. □ HNO ₃ □ H ₂ SO ₄ □ NaOH □ HCI
have been	
pH paper Lot #	Sample #
All containers needing preservation are found to be	<i>#</i>
in compliance with method recommendation?	
NAOH>12 Cyanide)	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease,	Initial when completed; Lot # of added Date/Time preservative added:
DRO/8015 (water).	preservative;
Per Method, VOA pH is checked after analysis Samples checked for dechlorination: oYes oNo oM/A	14.
KI starch test strips Lot #	Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #	
SM 4500 CN samples checked for sul DYes DNo DN/A Lead Acetate Strips Lot #	15. Positive for Sulfide? Y N
Headspace in VOA Vials (>6mm): DYes DNO DN/A	16.
Trip Blank Present: DYes DNA	17.
Trip Blank Custody Seals Present OYes No OMTA	
Client Notification/ Resolution:	Field Data Required? Y / N
Person Contacted:	Date/Time:
Comments/ Resolution:	

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

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ATTACHMENT 2

QUARTERLY MIC ANALYTICAL RESULTS – Q2 2023



September 21, 2023

Robert G. Gregory KOMAN Government Services, LLC 180 Gordon Dr. Suite 110 Exton, PA 19341

RE: Project: NYAW-MERRICK OPS BACT SERIES Pace Project No.: 70271109

Dear Robert Gregory:

Enclosed are the analytical results for sample(s) received by the laboratory on September 20, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network: • Pace Analytical Services - Melville

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kimberley Mack

Kimberley M. Mack kimberley.mack@pacelabs.com 516-370-6052 Project Manager

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC





CERTIFICATIONS

Project: NYAW-MERRICK OPS BACT SERIES

Pace Project No.: 70271109

Pace Analytical Services Long Island

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



SAMPLE SUMMARY

Project:NYAW-MERRICK OPS BACT SERIESPace Project No.:70271109

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70271109001	GAC-3S/4S-VESSEL#600-0	Drinking Water	09/19/23 18:40	09/20/23 10:40
70271109002	GAC-3S/4S-VESSEL#600-2	Drinking Water	09/19/23 18:42	09/20/23 10:40
70271109003	GAC-3S/4S-VESSEL#600-5	Drinking Water	09/19/23 18:45	09/20/23 10:40
70271109004	GAC-3S/4S-VESSEL#600-10	Drinking Water	09/19/23 18:50	09/20/23 10:40
70271109005	GAC-3S/4S-VESSEL#600-30	Drinking Water	09/19/23 19:10	09/20/23 10:40
70271109006	GAC-3S/4S-VESSEL#500-0	Drinking Water	09/19/23 18:00	09/20/23 10:40
70271109007	GAC-3S/4S-VESSEL#500-2	Drinking Water	09/19/23 18:02	09/20/23 10:40
70271109008	GAC-3S/4S-VESSEL#500-5	Drinking Water	09/19/23 18:05	09/20/23 10:40
70271109009	GAC-3S/4S-VESSEL#500-10	Drinking Water	09/19/23 18:10	09/20/23 10:40
70271109010	GAC-3S/4S-VESSEL#500-30	Drinking Water	09/19/23 18:30	09/20/23 10:40



SAMPLE ANALYTE COUNT

Project:	NYAW-MERRICK OPS BACT SERIES
Pace Project No.:	70271109

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70271109001	GAC-3S/4S-VESSEL#600-0	SM22 9223B Colilert	GML	2
70271109002	GAC-3S/4S-VESSEL#600-2	SM22 9223B Colilert	GML	2
70271109003	GAC-3S/4S-VESSEL#600-5	SM22 9223B Colilert	GML	2
70271109004	GAC-3S/4S-VESSEL#600-10	SM22 9223B Colilert	GML	2
70271109005	GAC-3S/4S-VESSEL#600-30	SM22 9223B Colilert	GML	2
70271109006	GAC-3S/4S-VESSEL#500-0	SM22 9223B Colilert	GML	2
70271109007	GAC-3S/4S-VESSEL#500-2	SM22 9223B Colilert	GML	2
70271109008	GAC-3S/4S-VESSEL#500-5	SM22 9223B Colilert	GML	2
70271109009	GAC-3S/4S-VESSEL#500-10	SM22 9223B Colilert	GML	2
70271109010	GAC-3S/4S-VESSEL#500-30	SM22 9223B Colilert	GML	2

PACE-MV = Pace Analytical Services - Melville



Project: NYAW-MERRICK OPS BACT SERIES

Pace Project No.: 70271109

Sample: GAC-3S/4S-VESSEL#60	0-0 Lab ID:	70271109001	Collecte	d: 09/19/2	3 18:40	Received: 09/	/20/23 10:40 Ma	atrix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	Method: SM22 lytical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	09/20/23 15:10 09/20/23 15:10			



Project: NYAW-MERRICK OPS BACT SERIES

Pace Project No.: 70271109

Sample: GAC-3S/4S-VESSEL#	600-2 Lab ID:	70271109002	Collecte	d: 09/19/2	23 18:42	Received: 09/	/20/23 10:40 Ma	atrix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	al Method: SM22 alytical Services		lilert Prepa	aration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1		09/21/23 09:10 09/21/23 09:10		



Project: NYAW-MERRICK OPS BACT SERIES

Pace Project No.: 70271109

Sample: GAC-3S/4S-VESSEL#60	0-5 Lab ID:	70271109003	Collecte	d: 09/19/2	3 18:45	Received: 09/	/20/23 10:40 Ma	atrix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW		Method: SM22 lytical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	09/20/23 15:10 09/20/23 15:10			



Project: NYAW-MERRICK OPS BACT SERIES

Pace Project No.: 70271109

Sample: GAC-3S/4S-VESSEL#600- 10	Lab ID:	70271109004	Collecte	d: 09/19/2:	3 18:50	Received: 09/	/20/23 10:40 Ma	trix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	l Method: SM22 alytical Services		ilert Prepai	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	09/20/23 15:10 09/20/23 15:10			



Project: NYAW-MERRICK OPS BACT SERIES

Pace Project No.: 70271109

Sample: GAC-3S/4S-VESSEL#600- 30	Lab ID:	70271109005	Collected	d: 09/19/2:	3 19:10	Received: 09/	/20/23 10:40 Ma	atrix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	Method: SM22		lert Prepai	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	09/20/23 15:10 09/20/23 15:10			



Project: NYAW-MERRICK OPS BACT SERIES

Pace Project No.: 70271109

70271109		

Sample: GAC-3S/4S-VESSEL#50	00-0 Lab ID:	70271109006	Collecte	d: 09/19/2	23 18:00	Received: 09/	20/23 10:40 Ma	atrix: Drinking \	Nater
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	Method: SM22 lytical Services		ilert Prepa	aration M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	09/20/23 15:10 09/20/23 15:10	09/21/23 09:10 09/21/23 09:10		



Project: NYAW-MERRICK OPS BACT SERIES

Pace Project No.: 70271109

Sample: GAC-3S/4S-VESSEL#500	-2 Lab ID:	70271109007	Collected	I: 09/19/2	3 18:02	Received: 09/	/20/23 10:40 Ma	atrix: Drinking V	Nater
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	, , , , , , , , , , , , , , , , , , ,	Method: SM22 ytical Services		ert Prepa	ration M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	09/20/23 15:10 09/20/23 15:10			



Project: NYAW-MERRICK OPS BACT SERIES

Pace Project No.: 70271109

Sample: GAC-3S/4S-VESSEL#50	0-5 Lab ID:	70271109008	Collecte	d: 09/19/2	3 18:05	Received: 09/	/20/23 10:40 Ma	atrix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW		Method: SM22 lytical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	09/20/23 15:10 09/20/23 15:10			



Project: NYAW-MERRICK OPS BACT SERIES

Pace Project No.: 70271109

Sample: GAC-3S/4S-VESSEL#500- 10	Lab ID:	70271109009	Collecte	d: 09/19/2	3 18:10	Received: 09/	/20/23 10:40 Ma	trix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	l Method: SM22 alytical Services		ilert Prepa	ration M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	09/20/23 15:10 09/20/23 15:10			



Project: NYAW-MERRICK OPS BACT SERIES

Pace Project No.: 70271109

Sample: GAC-3S/4S-VESSEL#500- 30	Lab ID:	70271109010	Collecte	d: 09/19/2:	3 18:30	Received: 09/	/20/23 10:40 Ma	trix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	l Method: SM22 alytical Services		ilert Prepar	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	09/20/23 15:10 09/20/23 15:10			



QUALITY CONTROL DATA

Project: Pace Project No.:	NYAW 70271 [/]	-MERRICK OPS 109	BACT SERIE	S				
QC Batch:	3209	55		Analysis Meth	nod:	SM22 9223B Colilert		
QC Batch Method:	SM22	2 9223B Colilert		Analysis Des	cription:	TotCoIDW MBIO Tota	l Coliform	
				Laboratory:		Pace Analytical Servi	ces - Melville	
Associated Lab Sar	nples:			70271109003, 70 70271109010	271109004,	70271109005, 70271	109006, 7027110	09007,
METHOD BLANK:	16362	60		Matrix:	Drinking Wa	ter		
Associated Lab Sar	nples:	,	,	70271109003, 70 70271109010	271109004,	70271109005, 70271	109006, 7027110	09007,
				Blank	Reporting			
Parar	neter		Units	Result	Limit	Analyzed	Qualifiers	
E.coli				Absent		09/21/23 09:10		
Total Coliforms				Absent		09/21/23 09:10		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALIFIERS

Project: NYAW-MERRICK OPS BACT SERIES

Pace Project No.: 70271109

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project:NYAW-MERRICK OPS BACT SERIESPace Project No.:70271109

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70271109001	GAC-3S/4S-VESSEL#600-0	SM22 9223B Colilert	320955	SM22 9223B Colilert	321074
70271109002	GAC-3S/4S-VESSEL#600-2	SM22 9223B Colilert	320955	SM22 9223B Colilert	321074
70271109003	GAC-3S/4S-VESSEL#600-5	SM22 9223B Colilert	320955	SM22 9223B Colilert	321074
70271109004	GAC-3S/4S-VESSEL#600-10	SM22 9223B Colilert	320955	SM22 9223B Colilert	321074
70271109005	GAC-3S/4S-VESSEL#600-30	SM22 9223B Colilert	320955	SM22 9223B Colilert	321074
70271109006	GAC-3S/4S-VESSEL#500-0	SM22 9223B Colilert	320955	SM22 9223B Colilert	321074
70271109007	GAC-3S/4S-VESSEL#500-2	SM22 9223B Colilert	320955	SM22 9223B Colilert	321074
70271109008	GAC-3S/4S-VESSEL#500-5	SM22 9223B Colilert	320955	SM22 9223B Colilert	321074
70271109009	GAC-3S/4S-VESSEL#500-10	SM22 9223B Colilert	320955	SM22 9223B Colilert	321074
70271109010	GAC-3S/4S-VESSEL#500-30	SM22 9223B Colilert	320955	SM22 9223B Colilert	321074

WO#:70271109 70271109

CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

equired C	Client Information:	Required I	rojec	t Info	mation:					Secti		nform	ition:													Page :		1	Of	j.
ompany:	KOMAN Government Solutions, LLC	Report To:		bert G				_		Atten	tion:	A	ccoun	s Pay	able															
ddress:	180 Gordon Dr., Suite 110	Copy To:		DOH	- Huuri					Com	pany	Name	KO	MAN	Gove	rnme	nt Solu	ution	s, LLC				1							_
	Exton, PA									Addre	955;	8	ccou	ntispa	avab	le@l	toma	ngs	s.com				1			Reg	ulatory	Agenc	у	
mail: <u>R</u>	Gregory@komangs.com	Purchase C)rdør #	_	02607-2					Pace	Quo	ote:																		
hone:	(610) 400-0636 Fax	Project Nar			W-MERF	RICK OPS	FACILIT	(ect.Ma	inager	2	Kim	betley	Z.Mac	(回)	Pacelat	55:00m						Sta	_	cation		
equested	Due Date:	Project#:0	2607-	204	_			_	_	Pace	Prof	lie#:		_	_		_	_									NY	,		
		_	_	-						-	_	-	_	_	_		_	-	R	equest	ed Ani	nlysis F	litere	d (Y/N)	1	-				
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	MATRIXD	CODED	o teft	MO		COLL	ECTED					F	Prese	rvativ	ves		VIN			_										_
	Drinking W WaterD		(see valid codes to left)	(G=GRAB C=COMP)					NO									Г												
	Waste Wat	e/D WW0	d Co	BB					AT COLLECTION					11					1.1						1		Î			
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WO#:70271109

PM: KMM

Pa

Due Date: 09/27/23 CLIENT: KGS

CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately,

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equired ompany:	Client Information:	Required Pr Report To:				_			-	Atten	100	nforma	_	- Dev	abla		-	-	-		-			1		LP	age :	3	Of	-
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mail: 🕞	RGregory@komangs.com	Purchase Or	der#:	:	02607-2	04				Pace				T COD C	or y came	To Car	it of the		10.00					t	-	-	Tragan	iter y rige		-
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Iditional Comments

Page 20 of 21

altrax ID: 152532

Pace® Analytical Services, LLC

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DCII Title: ENV-FRM-MELV-0024 VA_SCUR

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A/N D) lio2 batelupaA AO2U	(aldmes rater sample)				
	Present: "Yes " No Seals intact: " Y Viap " Bubble Bags " Ziploc " None [Correction Factor: 0 V Cooler Temperature Corrected("C	adito □.e	Temperature Blank Pr Type of Ice: Wei Bamples on ice, cooling Date/Time 5035A kits	g process has begun sue None	
таскілд #:					
Courier: 🛛 Fed Ex 🗆 UPS 🔲	USPS	idio 🗆 a	CLIENT: KGS		
Slient Vane:	SPY	Project	PM: KMM	100 :atel aud	. <mark>///</mark> /
			0L:#0M	271109	

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, UC, UM, UY, OK, OR, SC, TU, TX, or Samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, UM, UY, OK, OR, SC, TU, TX,

Did samples orignate from a foreign source including Hawaii and Puerto Rico)? 🗌 Yes 🗍 No

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

and Initials of person checking preservation:		OTHER	ML DIC	1S	:xintsM sizylenA/O/Amit/atsb sabulon
	15.		ONE		ample Labels match COC:
					steat bevlozzi
Note: if sediment is visible in the dissolved container.	11	VINPT	oN□	səY⊡	iltered volume received for
	10		oNo	SƏYA	containers Intact:
			٥Nロ	Sala	-Pace Containers Used:
	.6		oN□	Sala	correct Containers Used:
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	.5		oNn	SOYA	amples Arrived within Hold Time:
	4	A/ND	oN□	Sala	Sompler Name & Signature on COC:
	3"		oNn	Salo	bein of Custody Relinquished:
	5		oN□	Sayo	Shain of Custody Filled Out:
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COMMENTS					

				_				Comments/ Resolution:
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	_			"SL	AIND	oNロ	səY⊓l	SM 4500 CN samples checked for su
	N	Y Senino	or Res. Chi	Positive				Residual chlorine strips Lot #
								Kl starch test strips Lot #
				14	A\N ^D	oN□	səY⊡	Samples checked for dechlorination:
		:evitsvnesend					sisylens -	Per Method, VOA pH is checked after
Date/Time preservative added:		pappe jo # jog	1 .	nshw laitinl				DRO/8015 (water).
			N		'6	Grease	bne liO ,C	Exceptions: VOA, Coliform, TOC/DO
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* PM (Project Manager) review is documented electronically in LIMS.



September 27, 2023

Robert G. Gregory KOMAN Government Services, LLC 180 Gordon Dr. Suite 110 Exton, PA 19341

RE: Project: NYAW-MERRICK OPS BACT SER 9/25 Pace Project No.: 70271646

Dear Robert Gregory:

Enclosed are the analytical results for sample(s) received by the laboratory on September 25, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network: • Pace Analytical Services - Melville

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kimberley Mack

Kimberley M. Mack kimberley.mack@pacelabs.com 516-370-6052 Project Manager

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC





CERTIFICATIONS

Project: NYAW-MERRICK OPS BACT SER 9/25

Pace Project No.: 70271646

Pace Analytical Services Long Island

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



SAMPLE SUMMARY

Project:NYAW-MERRICK OPS BACT SER 9/25Pace Project No.:70271646

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70271646001	N-14347-SEAMAN NECK 3 WELL	Drinking Water	09/25/23 09:10	09/25/23 10:42
70271646002	N-14347-SEAMAN NECK 3 WELL	Drinking Water	09/25/23 09:12	09/25/23 10:42
70271646003	- N-14347-SEAMAN NECK 3 WELL 5	Drinking Water	09/25/23 09:15	09/25/23 10:42
70271646004	N-14347-SEAMAN NECK 3 WELL	Drinking Water	09/25/23 09:20	09/25/23 10:42
70271646005	N-14347-SEAMAN NECK 3 WELL 30	Drinking Water	09/25/23 09:40	09/25/23 10:42
70271646006	N-14347-SEAMAN NECK 3 WELL 30D	Drinking Water	09/25/23 09:42	09/25/23 10:42



SAMPLE ANALYTE COUNT

Project:	NYAW-MERRICK OPS BACT SER 9/25
Pace Project No .:	70271646

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70271646001		SM22 9223B Colilert	GML	2
70271646002	N-14347-SEAMAN NECK 3 WELL 2	SM22 9223B Colilert	GML	2
70271646003	N-14347-SEAMAN NECK 3 WELL 5	SM22 9223B Colilert	GML	2
70271646004	N-14347-SEAMAN NECK 3 WELL 10	SM22 9223B Colilert	GML	2
70271646005	N-14347-SEAMAN NECK 3 WELL 30	SM22 9223B Colilert	GML	2
70271646006	N-14347-SEAMAN NECK 3 WELL 30D	SM22 9223B Colilert	GML	2

PACE-MV = Pace Analytical Services - Melville



Project: NYAW-MERRICK OPS BACT SER 9/25

Pace Project No.: 70271646

Sample: N-14347-SEAMAN NECK 3 WELL 0	Lab ID: 70271646001		Collecte	Collected: 09/25/23 09:10			/25/23 10:42 Ma	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	l Method: SM22 alytical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	09/25/23 16:45 09/25/23 16:45			



Project: NYAW-MERRICK OPS BACT SER 9/25

Pace Project No.: 70271646

Sample: N-14347-SEAMAN NECK 3 Lab ID: 7027164 WELL 2		70271646002	2 Collected: 09/25/23 09:12			Received: 09/	/25/23 10:42 M	Matrix: Drinking Water		
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual	
MBIO Total Coliform DW	,	l Method: SM22 Ilytical Services		lert Prepa	ration M	ethod: SM22 922	23B Colilert			
Total Coliforms E.coli	Absent Absent				1 1	09/25/23 16:45 09/25/23 16:45				



Project: NYAW-MERRICK OPS BACT SER 9/25

Pace Project No.: 70271646

Sample: N-14347-SEAMAN NECK 3 WELL 5	3 Lab ID:	Lab ID: 70271646003		Collected: 09/25/23 09:15			/25/23 10:42 Ma	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW		l Method: SM22 alytical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	09/25/23 16:45 09/25/23 16:45			



Project: NYAW-MERRICK OPS BACT SER 9/25

Pace Project No.: 70271646

Sample: N-14347-SEAMAN NECK 3 Lab ID: 70 WELL 10		70271646004	Collected	Collected: 09/25/23 09:20		Received: 09/	/25/23 10:42 M	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	l Method: SM22 alytical Services		lert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	09/25/23 16:45 09/25/23 16:45			



Project: NYAW-MERRICK OPS BACT SER 9/25

Pace Project No.: 70271646

Sample: N-14347-SEAMAN NECK 3 WELL 30	Lab ID: 70271646005		Collected: 09/25/23 09:40			Received: 09/	/25/23 10:42 Ma	Matrix: Drinking Water		
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual	
MBIO Total Coliform DW	Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert Pace Analytical Services - Melville									
Total Coliforms E.coli	Absent Absent				1 1	09/25/23 16:45 09/25/23 16:45				



Project: NYAW-MERRICK OPS BACT SER 9/25

Pace Project No.: 70271646

Sample: N-14347-SEAMAN NECK WELL 30D	3 Lab ID:	70271646006	Collecte	d: 09/25/2	3 09:42	Received: 09/	25/23 10:42 Ma	atrix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	l Method: SM22 Ilytical Services		ilert Prepa	ration M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	09/25/23 16:45 09/25/23 16:45			



QUALITY CONTROL DATA

QC Batch: 321597 Analysis Method: SM22 9223B Colilert	
QC Batch Method: SM22 9223B Colilert Analysis Description: TotColDW MBIO Total Coliform	
Laboratory: Pace Analytical Services - Melville	
Associated Lab Samples: 70271646001, 70271646002, 70271646003, 70271646004, 70271646005, 70271646006	
METHOD BLANK: 1639727 Matrix: Drinking Water	
Associated Lab Samples: 70271646001, 70271646002, 70271646003, 70271646004, 70271646005, 70271646006	
Blank Reporting	
Parameter Units Result Limit Analyzed Qualifiers	
E.coli Absent 09/26/23 10:45	
Total ColiformsAbsent09/26/23 10:45	
SAMPLE DUPLICATE: 1639728	
70271704001 Dup Max	
Parameter Units Result Result RPD RPD	Qualifiers
E.coli Absent Absent	
Total Coliforms Absent Absent	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALIFIERS

Project: NYAW-MERRICK OPS BACT SER 9/25

Pace Project No.: 70271646

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project:NYAW-MERRICK OPS BACT SER 9/25Pace Project No.:70271646

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70271646001	N-14347-SEAMAN NECK 3 WELL 0	SM22 9223B Colilert	321597	SM22 9223B Colilert	321790
70271646002	N-14347-SEAMAN NECK 3 WELL 2	SM22 9223B Colilert	321597	SM22 9223B Colilert	321790
70271646003	N-14347-SEAMAN NECK 3 WELL 5	SM22 9223B Colilert	321597	SM22 9223B Colilert	321790
70271646004	N-14347-SEAMAN NECK 3 WELL 10	SM22 9223B Colilert	321597	SM22 9223B Colilert	321790
70271646005	N-14347-SEAMAN NECK 3 WELL 30	SM22 9223B Colilert	321597	SM22 9223B Colilert	321790
70271646006	N-14347-SEAMAN NECK 3 WELL 30D	SM22 9223B Colilert	321597	SM22 9223B Colilert	321790

WO#:70271646 702716**46**

CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A		Section B							Secti																				05	
	Client Information:	Required Pro	oject Inf	ormation:			_		-	ce Info	_	_				-	_	_	_		_	-1			Pa	ige :		1	Of	1
Company:	KOMAN Government Solutions, LLC	Report To:	Robert						Attent				Paya			C-Luf		11.0	_			-								
Address:	180 Gordon Dr., Suite 110	Сору То:	NCDOH	1					_	any Na					e@ko											Regul	atory	Agency	1	
	Exton, PA			00007.00	4				Addre	Quote:	_	Juqu	15Ua	Vanie	au no	man	45.0													
	Gregory@komangs.com	Purchase Or		02607-20 AW-MERR	-	FACILITY	,			Projec	_	ader:		Kimt	perlev	Mac	ck@	Pace	labs	com	-					Stat	e/La	ocation		
Phone:	(610) 400-0636 Fax:	Project Name Project #: 026			ICK OF 3	FAGILITI				Profile					0.101												N١	(
Requested	Due Date:	Froject #. 023	07-204					-			_					T		R	eques	sted Ar	nalysi	s Filte	ered (Y/N)				1.1		
# W31 1 2 3 4 5 6	MATRIX Driving We Wests Well Product SolVSolid One Character per box. (A-Z, 0-9 /, -) Sample Ids must be unique N-14347 (Seaman Neck 3 Well)- N-14347 (Seaman Neck 3 Well)-	wr ww P sL oL WP AR oT TS 0 2 5 10 30	Main Main <th< td=""><td>5 DATE</td><td></td><td>E DATE 7.2522 9.2523 9.2523 1.2524 1.2524</td><td>9:10</td><td>SAMPLE TEMP AT COLLECTION</td><td>1 1 1 1</td><td></td><td></td><td></td><td>HOEN</td><td></td><td>Methanol</td><td>Analyses Test Y/N</td><td>Γ</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Residual Chlorine (Y/N)</td><td></td><td></td><td></td><td></td></th<>	5 DATE		E DATE 7.2522 9.2523 9.2523 1.2524 1.2524	9:10	SAMPLE TEMP AT COLLECTION	1 1 1 1				HOEN		Methanol	Analyses Test Y/N	Γ									Residual Chlorine (Y/N)				
7 8 9 10 11																_														
12																							L					_	-	
	ADDITIONAL COMMENTS		RELING	UISHED BY /	APFILIATIO	ON	DAT	E		TIME		Δ.		ACC	EPTED	BY / /	AFFIL	ATIO	4		1	DATE		TU	ME		:	SAMPLE CO	NDITIONS	-
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					L					Nar	J		3	10	-6	~							- 6			12				

	WO#:70271646
Client Name: CGS Courier: Fed Ex UPS USPS Client Commerci	Project, PM: KMM Due Date: 10/02/23 CLIENT: KGS
Tracking #: Custody Seal on Cooler/Box Present: □Yes PNo Seals	intact: Yes No Temperature Blank Present: Yes No
Temp should be above freezing to 6.0°C USDA Regulated Soil (- N/A, water sample)	6.9 El Samples on ice, cooling process has begun corrected(°C): 12.9 Date/Time 5035A kits placed in freezer
or VA (che	States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, ack map)? [] Yes [] No
	rce including Hawaii and Puerto Rico)? 🔲 Yes 🗌 No
If Yes to either question, fill out a Regulated Soil Check	klist (ENV-FRM-MELV-0076) and include with SCUR/COC paperwork.
-	Date and Initials of person examining contents: MPL9 252
	COMMENTS:
Chain of Custody Present:	1.
Chain of Custody Filled Out:YesNo	2.
Chain of Custody Relinquished:	3.
Sampler Name & Signature on CQ C: =Y es =No =N/A	4.
Samples Arrived within Hold Time: DYes DNo	5
Short Hold Time Analysis (<72hr): Ves DNo	6.
Rush Turn Around Time Requested DYes	7.
Sufficient Volume: (Triple volumeYes DNo provided for MS/MSD)	8
Correct Containers Used:	9.
-Pace Containers Used:YesNo Containers Intact:YesNo	10.
Filtered volume received for aYes aNoN/A Dissolved tests	11. Note: if sediment is visible in the dissolved container.
Sample Labels match COC:	12.
-Includes date/time/ID/Analysi: Matrix: SL JAT OIL OTHER	Date and Initials of person checking preservation: $M_{1} q_{1} \gamma_{1}$
All containers needing preservation	13 PHNO PH-SO PNROH PHC
have been	
pH paper Lot #	Sample
All containers needing preservation are found to be	#
in compliance with method recommendation?	
(HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, DYes DNO DN/A	
NAOH>12 Cyanide)	
Exceptions: VCA, Coliform TOC/DOC, Oil and Grease,	Initial when completed: Lot # of added Date/Time preservative added:
DRO/8015 (water) Per Method, VOA pH is checked after analysis	preservative;
Samples checked for dechlorinationYesNoNA	14.
KI starch test strips Lot #	2.25 37
Residual chlorine strips Lot #	Positive for Res. Chlorine? Y N
SM 4500 CN samples checked for sul DYes DNO DNA	15.
Lead Acetate Strips Lot #	Positive for Sulfide? Y N
Headspace in VOA Vials (>6mm): □Yes □No □N/A	16.
Trip Blank Present: DYes No NA	17.
Trip Blank Custody Seals Present DYes No DNA	
Client Notification/ Resolution:	Field Data Required? Y / N
Person Contacted:	Date/Time:
Comments/ Resolution:	
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* PM (Project Manager) review is documented electronically in LIMS.



September 27, 2023

Robert G. Gregory KOMAN Government Services, LLC 180 Gordon Dr. Suite 110 Exton, PA 19341

RE: Project: NYAW-MERRICK OPS FACILITY 9/25 Pace Project No.: 70271649

Dear Robert Gregory:

Enclosed are the analytical results for sample(s) received by the laboratory on September 25, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network: • Pace Analytical Services - Melville

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kimberley Mack

Kimberley M. Mack kimberley.mack@pacelabs.com 516-370-6052 Project Manager

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC





CERTIFICATIONS

Project: NYAW-MERRICK OPS FACILITY 9/25

Pace Project No.: 70271649

Pace Analytical Services Long Island

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



SAMPLE SUMMARY

Project: NYAW-MERRICK OPS FACILITY 9/25

Pace Project No.: 70271

70271649	

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70271649001	GAC-3S/RS VESSEL#300-0	Drinking Water	09/25/23 06:10	09/25/23 10:42
70271649002	GAC-3S/RS VESSEL#300-2	Drinking Water	09/25/23 06:12	09/25/23 10:42
70271649003	GAC-3S/RS VESSEL#300-5	Drinking Water	09/25/23 06:15	09/25/23 10:42
70271649004	GAC-3S/RS VESSEL#300-10	Drinking Water	09/25/23 06:20	09/25/23 10:42
70271649005	GAC-3S/RS VESSEL#300-30	Drinking Water	09/25/23 06:40	09/25/23 10:42



SAMPLE ANALYTE COUNT

Project:NYAW-MERRICK OPS FACILITY 9/25Pace Project No.:70271649

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70271649001	GAC-3S/RS VESSEL#300-0	SM22 9223B Colilert	GML	2
70271649002	GAC-3S/RS VESSEL#300-2	SM22 9223B Colilert	GML	2
70271649003	GAC-3S/RS VESSEL#300-5	SM22 9223B Colilert	GML	2
70271649004	GAC-3S/RS VESSEL#300-10	SM22 9223B Colilert	GML	2
70271649005	GAC-3S/RS VESSEL#300-30	SM22 9223B Colilert	GML	2

PACE-MV = Pace Analytical Services - Melville



Project: NYAW-MERRICK OPS FACILITY 9/25

Pace Project No.: 70271649

Sample: GAC-3S/RS VESSEL#30	00-0 Lab ID: 7	0271649001	Collected	: 09/25/2	3 06:10	Received: 09/	25/23 10:42 Ma	atrix: Drinking \	Nater
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	lethod: SM22 tical Services		ert Prepa	ration M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	09/25/23 16:45 09/25/23 16:45	09/26/23 10:45 09/26/23 10:45		



Project: NYAW-MERRICK OPS FACILITY 9/25

Pace Project No.: 70271649

70271649		

Sample: GAC-3S/RS VESSEL#3	00-2 Lab ID:	70271649002	Collecte	d: 09/25/2	23 06:12	Received: 09/	/25/23 10:42 N	latrix: Drinking \	Nater
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	Method: SM22		lert Prepa	aration M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	09/25/23 16:45 09/25/23 16:45	09/26/23 10:45 09/26/23 10:45	-	



Project: NYAW-MERRICK OPS FACILITY 9/25

Pace Project No.: 70271649

Sample: GAC-3S/RS VESSEL#300	-5 Lab ID:	70271649003	Collecte	d: 09/25/2	3 06:15	Received: 09/	/25/23 10:42 Ma	atrix: Drinking	Nater
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW		Method: SM22 lytical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	09/25/23 16:45 09/25/23 16:45			



Project: NYAW-MERRICK OPS FACILITY 9/25

Pace Project No.: 70271649

Sample: GAC-3S/RS VESSEL#300- 10	Lab ID: 70271649004		Collected: 09/25/23 06:20			Received: 09/25/23 10:42		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert Pace Analytical Services - Melville								
Total Coliforms E.coli	Absent Absent				1 1	09/25/23 16:45 09/25/23 16:45			



Project: NYAW-MERRICK OPS FACILITY 9/25

Pace Project No.: 70271649

Sample: GAC-3S/RS VESSEL#300- 30	Lab ID:	70271649005	Collecte	d: 09/25/2	23 06:40	Received: 09/	/25/23 10:42 Ma	Matrix: Drinking Water		
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual	
MBIO Total Coliform DW	,	l Method: SM22 alytical Services		ilert Prepa	aration M	ethod: SM22 922	23B Colilert			
Total Coliforms E.coli	Absent Absent				1 1	09/25/23 16:45 09/25/23 16:45				



QUALITY CONTROL DATA

Project: Pace Project No.:	NYAW-MERRICK OF 70271649	PS FACILITY 9/25						
QC Batch:	321597		Analysis Meth	nod:	SM22 9223B Colilert			
QC Batch Method:	SM22 9223B Colile	rt	Analysis Des	cription:	TotCoIDW MBIO Tota	l Coliform		
			Laboratory:		Pace Analytical Servi	ces - Melville		
Associated Lab Sar	nples: 7027164900	1, 70271649002, 7	70271649003, 70	0271649004,	70271649005			
METHOD BLANK:	1639727		Matrix:	Drinking Wate	er			
Associated Lab Sar	nples: 7027164900 ⁻	1, 70271649002, 7	0271649003, 7	0271649004,	70271649005			
			Blank	Reporting				
Parar	neter	Units	Result	Limit	Analyzed	Qualifiers		
E.coli			Absent		09/26/23 10:45		_	
Total Coliforms			Absent		09/26/23 10:45			
SAMPLE DUPLICA	TE: 1639728							
			70271704001	Dup		Max		
Parar	neter	Units	Result	Result	RPD	RPD	Qualifiers	
E.coli			Absent	Abser				
Total Coliforms			Absent	Abser	nt			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALIFIERS

Project: NYAW-MERRICK OPS FACILITY 9/25

Pace Project No.: 70271649

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

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Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

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DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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TNI - The NELAC Institute.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project:NYAW-MERRICK OPS FACILITY 9/25Pace Project No.:70271649

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70271649001	GAC-3S/RS VESSEL#300-0	SM22 9223B Colilert	321597	SM22 9223B Colilert	321790
70271649002	GAC-3S/RS VESSEL#300-2	SM22 9223B Colilert	321597	SM22 9223B Colilert	321790
70271649003	GAC-3S/RS VESSEL#300-5	SM22 9223B Colilert	321597	SM22 9223B Colilert	321790
70271649004	GAC-3S/RS VESSEL#300-10	SM22 9223B Colilert	321597	SM22 9223B Colilert	321790
70271649005	GAC-3S/RS VESSEL#300-30	SM22 9223B Colilert	321597	SM22 9223B Colilert	321790

WO#:70271649 70271649

CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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Er	ail: R	Gregory@komangs.com	Purchase On	ier#		02607-20)4				Pace	_								_	_	_	_	_			_	-	_			Alex	_	_
- Brenner	000	(610) 400-0636 Fax	Project Name	ș:	NYA	W-MERR	ICK OPS	FACILITY	6				_	lanag)er:	K	Omb	ertey.	hac	<@	Pace	labs	com	_	_		_		_	State	NY	ation		-
		Due Date:	Project #: 02	507-2	204		_				Pace	Pro	file #	:	_	_	_	_	-	_	_	-						(18.15)	-	-	DØ T	-	-	_
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		MATRIXD Drinking W WaterD Water Ma	WTD	(see valid codes to left)	G C=COMP)		COLL	ECTED		ECTION				Pre	ser	ative	es	Τ	NIA	Ť		+				1	1			(N)	Γ			
		SAMPLE ID Selection One Character per box. Weed	PO SLO OLO WPO ARD		E (G=GRAB	ST	ART	EI	ND	IP AT COLL	NERS	70							Anshreet Test	100100	al/Ecoli)									hlorine (Y				
	ITEM #	(A-Z, 0-8 /, •)⊡ Air0 Other0 Sample lds must be unique Tissue	OTD TS	MATRIX CODE	SAMPLE TYPE	DATE	ТІМЕ	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H2SO4	HNO3	нсі	NaOH	Na2S203	Methanol	Oner	Allarya	Colilert (Fecal/Ecoli)									Residual Chlorine (Y/N)				
h	1	GAC-3S/4S-Vessel#300-0		DW	G			125.25	6:10		1	x									x						+		\square	_				
T	2	GAC-3S/4S-Vessel#300-2		DV	G			7533	0:12		1	x									x						\downarrow		\square	_		_		
	3	GAC-3S/4S-Vessel#300-5		DN	G			9.2523	6.15		1	x						_			x	_	_			\downarrow	+	_	\square	_				
-	4	GAC-3S/4S-Vessel#300-10		DV	G			92523	61,20		1	x						_	_		x	+	+	 		+	+	+	H	-	L	_		
	5	GAC-3S/4S-Vessel#300-30		DV	V G			(:25.22	6:40		1	x		\square	_	_	_	_	_		x	+	+	-		+	+	+	\vdash	_	\vdash			
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ŀ	12	ADDITIONAL COMMENTS		RELI	NGUIS	SHED BY I	ARTILIAT	TION	DA	TE	t	TIM	E	T	~		ACCI	EPTEC	BY	AFF	FILIA	TION				DATE	Í	TIM	E		SA	MPLEC	ONDITION	S
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Page 13 of 14							SAMP	LER NAM	E AND S	IGNA	TUR	E																			5			
of 14							1	RINT Nam				R	andy	/ Hot	fime	aster	1	A	0		_	DATE	Sign	vd: Z		00	-	010	-	TEMP in C	ceived o	٥Ŷ	Custody Sealed Cooler /////	Imples act0
							S	IGNATUR	E of SAN	PLE	R: (X	br	mit -	_]	10	¥.	200	Å.			UATE	aign	(10	6	-0	W3	13	Ē	A A	Sel	Š Ĝ Š Ū	Sa Inta

	WO#:70271649
Client Name: KGS	Project # PM: KMM Due Date: 10/02/23 CLIENT: KGS
Courier: 1 Fed Ex 1 UPS USPS Client Commer	
Tracking #:/	
Custody Seal on Cooler/Box Present: Ves No Seal Packing Material: Bubble Wrap Bubble Bags Zipl	s intact: Yes No Temperature Blank Present: Yes No oc None Other Type of Ice: Vet Blue None
Thermometer Used: TH 196 Correction Factor:	O. U Samples on ice, cooling process has begun Corrected(°C): I 2. 9 Date/Time 5035A kits placed in freezer
USDA Regulated Soil 💋 N/A, water sample)	
Did samples originate in a quarantine zone within the United or VA (ch	States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, eck map)? □ Yes □ No
Did samples orignate from a foreign sou	urce including Hawaii and Puerto Rico)? 🔲 Yes 🗌 No
If Yes to either question, fill out a Regulated Soil Chee	cklist (ENV-FRM-MELV-0076) and include with SCUR/COC paperwork.
	Date and Initials of person examining contents: MOI 9/15/173
	COMMENTS:
Chain of Custody Present: Yes INO	1.
Chain of Custody Filled Out: Types DNo	2,
Chain of Custody Relinquished:	3.
Sampler Name & Signature on COC: DYes DNo DN/A	
Samples Arrived within Hold Time: DYes DNo	5.
Short Hold Time Analysis (<72hr):YesNo Rush Turn Around Time Requested _YesNo	7
Sufficient Volume: (Triple volume Ves DNo	8.
provided for MS/MSD)	
Correct Containers Used:	9.
-Pace Containers Used:No ·	
Containers Intact: OYes ONo	10.
Filtered volume received for GYes No AN/A	11, Note: if sediment is visible in the dissolved container
Dissolved tests	
Sample Labels match COC:	12.
-Includes date/lime/ID/Analysi: Matrix: SL WT OIL OTHEI	Date and Initials of person checking preservation: MPL9/25/2
/	But and made of poroen encoding procentation MPL97012
All containers needing preservation	
have been	
pH paper Lot # All containers needing preservation are found to be	Sample #
in compliance with method recommendation?	
(HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, DYes DNo DN/A	
NAOH>12 Cyanide)	
Exceptions. VO Coliton, TOC/DOC, Oil and Grease,	· · · · · · · · · · · · · · · · · · ·
DRO/8015 (water)	Initial when completed: Lot # of added Date/Time preservative added:
Per Method, VOA pH is checked after analysis	preservative:
Samples checked for dechlorination: GYes GNO GN/A	14.
KI starch test strips Lot #	Positive for Res. Chlorine? Y N
Residual chlorine strips Lot # SM 4500 CN samples checked for sul gYes gNo gN/A	
Lead Acetate Strips Lot #	Positive for Sulfide? Y N
Headspace in VOA Vials (>6mm): OYes ONO ON/A	
Trip Blank Present: DYes DNo DNA	
Trip Blank Custody Seals Present OYes No ON/A	
Client Notification/ Resolution:	Field Data Required? Y / N
Person Contacted:	Date/Time:
Comments/ Resolution	
<u>v</u> v	

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



September 27, 2023

Robert G. Gregory KOMAN Government Services, LLC 180 Gordon Dr. Suite 110 Exton, PA 19341

RE: Project: NYAW-MERRICK OPS FACILITY 9/25 Pace Project No.: 70271650

Dear Robert Gregory:

Enclosed are the analytical results for sample(s) received by the laboratory on September 25, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network: • Pace Analytical Services - Melville

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kimberley Mack

Kimberley M. Mack kimberley.mack@pacelabs.com 516-370-6052 Project Manager

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC





CERTIFICATIONS

Project: NYAW-MERRICK OPS FACILITY 9/25

Pace Project No.: 70271650

Pace Analytical Services Long Island

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



SAMPLE SUMMARY

Project: NYAW-MERRICK OPS FACILITY 9/25

Pace Project No.: 70271650

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70271650001	GAC-3S/4S-VESSEL#400-0	Drinking Water	09/25/23 06:50	09/25/23 10:42
70271650002	GAC-3S/4S-VESSEL#400-2	Drinking Water	09/25/23 06:52	09/25/23 10:42
70271650003	GAC-3S/4S-VESSEL#400-5	Drinking Water	09/25/23 06:55	09/25/23 10:42
70271650004	GAC-3S/4S-VESSEL#400-10	Drinking Water	09/25/23 07:00	09/25/23 10:42
70271650005	GAC-3S/4S-VESSEL#400-30	Drinking Water	09/25/23 07:20	09/25/23 10:42



SAMPLE ANALYTE COUNT

Project:NYAW-MERRICK OPS FACILITY 9/25Pace Project No.:70271650

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70271650001		SM22 9223B Colilert	GML	2
70271650002	GAC-3S/4S-VESSEL#400-2	SM22 9223B Colilert	GML	2
70271650003	GAC-3S/4S-VESSEL#400-5	SM22 9223B Colilert	GML	2
70271650004	GAC-3S/4S-VESSEL#400-10	SM22 9223B Colilert	GML	2
70271650005	GAC-3S/4S-VESSEL#400-30	SM22 9223B Colilert	GML	2

PACE-MV = Pace Analytical Services - Melville



Project: NYAW-MERRICK OPS FACILITY 9/25

Pace Project No.: 70271650

Sample: GAC-3S/4S-VESSEL#400-	0 Lab ID:	70271650001	Collecte	d: 09/25/2	3 06:50	Received: 09/	/25/23 10:42 Ma	atrix: Drinking	Nater
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	Method: SM22 lytical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	09/25/23 16:45 09/25/23 16:45			



Project: NYAW-MERRICK OPS FACILITY 9/25

Pace Project No.: 70271650

Sample: GAC-3S/4S-VESSEL#40	0-2 Lab ID:	70271650002	Collected	: 09/25/2	3 06:52	Received: 09/	/25/23 10:42 M	atrix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	Method: SM22 ytical Services		ert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	09/25/23 16:45 09/25/23 16:45			



Project: NYAW-MERRICK OPS FACILITY 9/25

Pace Project No.: 70271650

Sample: GAC-3S/4S-VESSEL#40	0-5 Lab ID:	70271650003	Collecte	d: 09/25/2	3 06:55	Received: 09/	/25/23 10:42 Ma	atrix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	l Method: SM22 Ilytical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	09/25/23 16:45 09/25/23 16:45			



Project: NYAW-MERRICK OPS FACILITY 9/25

Pace Project No.: 70271650

Sample: GAC-3S/4S-VESSEL#400- 10	Lab ID:	70271650004	Collected	d: 09/25/2	3 07:00	Received: 09/	/25/23 10:42 Ma	atrix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	Method: SM22		lert Prepa	ration M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	09/25/23 16:45 09/25/23 16:45			



Project: NYAW-MERRICK OPS FACILITY 9/25

Pace Project No.: 70271650

Sample: GAC-3S/4S-VESSEL#400- 30	Lab ID:	70271650005	Collected	d: 09/25/2	3 07:20	Received: 09/	/25/23 10:42 M	atrix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	l Method: SM22 Ilytical Services		lert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	09/25/23 16:45 09/25/23 16:45			



QUALITY CONTROL DATA

Project: Pace Project No.:	NYAW-MERRICK OP 70271650	S FACILITY 9/25						
QC Batch:	321597		Analysis Meth	nod:	SM22 9223B Colilert			
QC Batch Method:	SM22 9223B Coliler	t	Analysis Dese	cription:	TotCoIDW MBIO Tota	l Coliform		
			Laboratory:	I	Pace Analytical Servi	ces - Melville		
Associated Lab Sar	mples: 70271650001	, 70271650002, 7	70271650003, 70	0271650004,	70271650005			
METHOD BLANK:	1639727		Matrix:	Drinking Wate	er			
Associated Lab Sar	mples: 70271650001	, 70271650002, 7	0271650003, 70	0271650004,	70271650005			
			Blank	Reporting				
Parar	neter	Units	Result	Limit	Analyzed	Qualifiers		
E.coli			Absent		09/26/23 10:45		_	
Total Coliforms			Absent		09/26/23 10:45			
SAMPLE DUPLICA	TE: 1639728							
		-	70271704001	Dup		Max		
Parar	neter	Units	Result	Result	RPD	RPD	Qualifiers	
E.coli			Absent	Abser				
Total Coliforms			Absent	Abser	t			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALIFIERS

Project: NYAW-MERRICK OPS FACILITY 9/25

Pace Project No.: 70271650

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project:NYAW-MERRICK OPS FACILITY 9/25Pace Project No.:70271650

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70271650001	GAC-3S/4S-VESSEL#400-0	SM22 9223B Colilert	321597	SM22 9223B Colilert	321790
70271650002	GAC-3S/4S-VESSEL#400-2	SM22 9223B Colilert	321597	SM22 9223B Colilert	321790
70271650003	GAC-3S/4S-VESSEL#400-5	SM22 9223B Colilert	321597	SM22 9223B Colilert	321790
70271650004	GAC-3S/4S-VESSEL#400-10	SM22 9223B Colilert	321597	SM22 9223B Colilert	321790
70271650005	GAC-3S/4S-VESSEL#400-30	SM22 9223B Colilert	321597	SM22 9223B Colilert	321790

WO#:70271650 70271650

CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A		Section B								Sect	ion C	;																_		
	Client Information:	Required Pro	oject l	Infor	mation:								ation	:												P ₂	age :	1	Of	1
Company		Report To:		_	regory					Atter	ntion:		Accou	nts Pa	vable		-		-			_		1						
Address:	180 Gordon Dr., Suite 110	Copy To:	NCD						-	Com	pany					/ernm	ent S	olutio	ns, L	LC				1						
	Exton, PA	1		_						Add	035:	1	acco	unts	paya	ble®	Dkor	nan	ds.c	om							Regula	tory Agenc	y	
Email:	RGregory@komangs.com	Purchase Or	der#:		02607-20	4				Pace	Quo	to:																		
Phone:	(610) 400-0636 Fax:	Project Name	9:	NYA	W-MERR	ICK OPS	FACILITY	(Pace	Proj	ect N	lanag	er:	K	mbei	rley, l	Мас	k@	ace	abs.co	om			(n - 1		State	/ Location		
Requester	d Due Date:	Project #: 02	607-20	04				_	-	Pace	Prof	file #:	_									_					_	NY		
			_															11.		Rec	uested	Anal	ysis Fil	Itered i	(Y/N)			1		
	MATRIX	CODE	les to left)	C=COMP)		COLL	ECTED		NO			7	Pres	erva	tives	\$		Y/N												
	Drinking W Water Waser Waser Product SolfSolid Oil	WT	(see valid codes to left)	(G=GRAB C	ST/	ART	E	ND	AT COLLECTION	ßS								Test	Ecoli)								ine (Y/N)			
ITEM #	One Character per box. Wipe (A-Z, 0-9 / , -) Other Sample lds must be unique Tissue	WP AR OT TS	MATRIX CODE	SAMPLE TYPE	DATE	ТІМЕ	DATE	TIME	SAMPLE TEMP /	# OF CONTAINERS	Unpreserved	H2SO4	HNO3	NaOH	Na2S203	Methanol	Other	Analyses Test	Collert (FecaVEcoli)								Residual Chlorine (Y/N)			
	GAC-3S/4S-Vessel#400-0					(18.92	6:50				T			T	T	Π							Π		П	Т			
1	GAC-3S/4S-Vessel#400-2		DW			0	1000	6:52		1	x x			-					x x					Ħ		++	-			
	GAC-3S/4S-Vessel#400-5					6	2523		1						1	1										\square				
3			DW						\vdash		×	\neg	+		╈	+			X	-		-	+	++		++	-			
4	GAC-3S/4S-Vessel#400-10		DW				10	7:20	\vdash	1	X	+	+	+	╈	┼			×	-	+	-+	+	++	-	++	-			
5	GAC-3S/4S-Vessel#400-30		DW	G			123.2	1.00	-	1	×	+	+	-	╈	+	-		×	+		-	+	+	+	+	-			
6	v		\vdash						┢	\vdash		+	+		+	+						+	-	+		++	-			
7			┢						┢			+	+	-	╈	┢				+			+	+		+				
8							1		┢			+	+	+	+	+				+		+	-	++	+	++				
10			T						T							\top	\square					1		\square		\square				
11			Γ																					\square						
12																														
	ADDITIONAL COMMENTS	0	RELIN	QUIS	HED BY / /	FILIATI	м	DAT	E		TME			6	_	CEPTE	_	AFF	ILIA	TION			DAT		TIM			-	CONDITIONS	
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of 14						A THURSDAY	-1.8%	of SAMP	-		Ran	udiy I	loffr	naet	er				-	-					-	-	n C	ved on	λ	es
						SIG	INATURE	of SAMP	LER		an	~A	ł	17	98	n÷	8	-	1	DATE	Signed	9	-2	5.2	2		TEMP in C	Received Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samp Intact (Y/N)

17

Client Name: Project A Pri: KMN Due Date: 10/02/23 Courier: Fod Lx UPSD USPS Clem Commercial Date Client Tracking #: Castody Soat on Cooler/Box Present: Ure No. Scalinitet: 1920 No. Temperature Blank Present: 1920 No. Perking Matrix13 Bubble Wag Date Client Type of Ice: Vet Blank Present: 1920 No. Perking Matrix13 Bubble Wag Date Source Induction: 1920 No. Cooler Temperature Blank Present: 1920 No. Date Time Source Induction: 1920 No. Date Source Induction: 1920		WO#:70271650
Tracking #: Custody Seal on Cooler/Box Present: UYes D No. Seals intget: UYes D No. Tomperature Blank Present: UYes No. Packing Matrix: Busble Work D Bubble BBBED Zplog None D Other Type of Re: We Bue None Thermometer Used: The Device BBBED Zplog D None D Other Type of Re: We BBBE None Cooler Temperature Corrected CD: D Date/Time 5035A Mis placed in freezer The padods access design Bo 20°. USDA Regulated S Sill (U NA, water sample) Did samples originate and auguantume zone within the United States: AL, AR. CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TH, TX, or VA (deck: map?) UYES D No D d samples originate from a torgen source including Hawaii and Puerto Ricol? U Yes D No If Yes to either question, fill out a Regulated Soil Checklist (ENV-FRM.MELV.0076) and include with SCURICOC paperwork. D data and Initials of person examining contents: MPL 92 (15/2) Chain of Custody Present: Orige None Notion/USB Hawaii and Puerto Ricol? U Yes D No If Yes to either question, fill out a Regulated Soil Checklist (ENV-FRM.MELV.0076) and include with SCURICOC paperwork. Date and Initials of person examining contents: MPL 92 (15/2) Chain of Custody Present: Orige None Notion/ Samples Arrived Within Hold Time Prese NNo 5. Stort Hold Time Analysis (ST2HW) Free NNo Pade Containers Used: Orige NNo Rush Time Around Time Reguested OVS NO Pade Containers Used: Orige NNo Pade Containers Used: Orige NNo Alcontainers needing preservation or Sin No Hiterat volume received for DYS NNO Alcontainers needing preservation or Sin No Alcontainers needing preservation or Sin No NANCH-12 Cyanifd Resolution: OLON, NoNO+3 Sin No NANCH+12 Cyanifd Resolution Orige No Samples Charked for sol Orige No NANCH+12 Cyanifd Resolution of Singe Lot # Mistal when empleted: Lead & di dadd D daoffining preservation are found to be in compliance with method recommendation? (HNO, H, SO, CN, NoNO+3 Sin No NANCH+12 Cyanifd Resolution of Kingel Lot # Al containers needing preservation are found to be NANCH+12 Cyanifd Resol	Client Name: KGS	CLIENT KGS
Custody Seal on Cooler/Box Present: Uses No Seals integt: Yes No Temperature Black Present: Yes No Packing Material: Bubble Wall Bubble Bdgs 2 piped None Other Type of Les: Yes Bub None Cooler Temperature Coller Temperature Coller Type of Les: Yes Bub None Coller Temperature College Te	Courier:] Fed Ex] UPS U USPS] Client Commercia	ial 📋 Pace 🖾 Other
PackEng Material: Dubble War Dubble Bage Zploc 1 None D Other Type of fee: Vet Bube None Thermometer Used: Colores Temperature Colorection Factor: Colores Temperature Colores Compared to Colores Temperature Colores Control Colores Colores Control Colores Control Colores	Tracking #:	
Cooler Temperature CCI 1. Cooler Temperature Corrected CL: 2. 2. Coler Temperature CL: 2. Coler Temperatu	Packing Material: Bubble Wrap Bubble Bags Ziploc	None Other Type of Ice: Wet Blue None
Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, D, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, Or VA (check map)? Yes No No Did samples originate from a foreign source including Hawaii and Puerto Rico?? Yes No No If Yes to either question, fill out a Regulated Soil Checkitst (ENV-FRM-MELV-0776) and include with SCUP/COC paperwork. Type Chain of Custody Present: Offee on No 1. Comments: Chain of Custody Filed Out. Offee on No 2. Chain of Custody Filed Out. No Samples Arrived within Hold Time. Offee on O 2. Comments: No Samples Arrived within Hold Time. Offee on O 2. Comments: No Samples Arrived within Hold Time. Offee on O 5. Since filed Out. No 6. Containers Used: Offee on O Offee on O 6. Since filed Out. Offee on O Pace Containers Used: Offee on O Offee on O 10. Filted Volume. Filed Volume.	Cooler Temperature(°C): 5.5 Cooler Temperature Co Temp should be above freezing to 6.0°C	Corrected("C): 1. Date/Time 5035A kits placed in freezer
Did samples originale from a foreign source including Hawaii and Puerto Rico? Yes I original include with SCURICOC paperwork. If Yes to either question, fill out a Regulated Soit Checklist (ENV-FRM-MELV-0076) and include with SCURICOC paperwork. Date and Initials of person examining contents: MPLQ 75/2 Chain of Custody Present: Offee oNo 1. Chain of Custody Piled Out. Offee oNo 3. Samples Arrow With Hold Time_Prese oNo 5. Short Hold Time Analysis (72kH) Tries oNo 6. Rush Turn Around Time Regulated OYEs oNo 8. Sufficient Volume: (Triple volume_Wes oNo 8. Parce Containers Used: OYEs oNo Originative Incolor: ONO Sample Arrow Offee offee oNo 1. Containers Intact: OYEs oNo Disolved test OYEs oNo Containers Intact: OYEs oNo Includes date/iment/Oxnatysis Matrix: St. WM OL OTHER Parce Containers Needing preservation or OYEs oNo ONO Mit containers needing preservation or OYEs oNo ONO Mit containers needing preservation or OYEs oNo ONO PH paper Lot # Date and Initials of person checking preservation: More one ONO ONO </td <td>Did samples originate in a quarantine zone within the United St</td> <td></td>	Did samples originate in a quarantine zone within the United St	
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Date and Initials of person examining contents: MPL 9 25/2 Comments: Comments:		
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Chain of Custody Relinquished: Offes oNo 2. Chain of Custody Relinquished: Offes oNo 3. Sampler Name & Signature on COE: Offes oNo 5. Short Hold Time Analysis (272be) Offes oNo 6. Rush Turn Around Time Requested offes oNo 6. 0. Sufficient Volume: Offes oNo 6. Sufficient Volume: Offes oNo 6. Containers Used: Offes oNo 9. -Pace Containers Used: Offes oNo 10. Containers Intact: Offes oNo 11. Note: if sediment is visible in the dissolved container. Dissolved tests oNo oNo 12. Includes date/lime/ID/Analysi: Matrix: St. WP OIL OTHER Includes date/lime/ID/Analysi: Matrix: St. WP OIL OTHER Includes inder/Office preservation or Yes oNo public Sample table method recommendation? fill onthial Poly Copital <		· · · · · · · · · · · · · · · · · · ·
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Sampler Name & Signature on COE: DYes DNo DNO 0.1/A 4. Sampler Name & Signature on COE: DYes DNO 5. 5. Short Hold Time Analysis (721bH) = DYEs DNO 6. Rush Turn Around Time Requested OYEs NO 7. Sufficient Volume: (Triple volume DYEs DNO 8. provided for MS/MSD) O 9. Containers Used: DYEs DNO Pace Containers Used: DYEs DNO Sample Labels match COC: DYEs DNO Filtered volume received for DYEs DNO Inscripte Labels match COC: DYEs DNO Includes datelime/ID/Analysi: Matrix: SL W/ OIL OTHER Date and Initials of person checking preservation: All containers needing preservation OYEs DNO Incompliance with method recommendation? DMU/A Initial when completed: Lot # of added Date/Time preservative added; Per Method, VOA Colform TOC/DOC, Oil and Grease, DAT Date/Time preservative added; Per Method, VOA Colform TOC/DOC, Oil and Grease, DRO DAT Date/Time preservative added; Per Method, VOA Colform TOC/DO		
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Filtered volume received for o Yes o No n/A 11. Note: if sediment is visible in the dissolved container. Dissolved tests Sample Labels match COC: or Yes o No 12. Includes date/lime/ID/Analysi: Matrix: SL V/O OL OTHER 12. All containers needing preservation o Yes o No n/VA 13. o HNO3 o H2SO4 o NoOH HCI All containers needing preservation are found to be in compliance with method recommendation? 13. o HNO3 o H2SO4 o NaOH o HCI Sample All containers needing preservation are found to be initial when completed. Lot # of added pate/Time preservative added. Per Method, VOA pH is checked after analysis initial when completed. Lot # of added pate/Time preservative added. Samples checked for dechlorination: o Yes o No o M/A 14. Residual chlorine strips Lot # Positive for Res. Chlorine? Y N N Residual chlorine strips Lot # Positive for Sulfide? Y N Pestive for Sulfide? Y N Headspace in VOA Vials (>6mm): o Yes o No o M/A 15. <t< td=""><td></td><td></td></t<>		
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Sample Labels match COC: Image: Sample S		11. Note: if sediment is visible in the dissolved container
-Includes date/filme/ID/Anatysis Matrix: SL WP OIL OTHER Date and Initials of person checking preservation: MDC (1) All containers needing preservation are found to be in compliance with method recommendation? 13. D HNO3 D H ₂ SO4 D NaOH D HCl All containers needing preservation are found to be in compliance with method recommendation? 13. D HNO3 D H ₂ SO4 D NaOH D HCl Sample # Sample # Initial when completed: Lot # of added preservative: DRO/8015 (water) Date of VI/A Per Method, VOA pH is checked after analysis Initial when completed: Lot # of added preservative: Samples checked for dechlorination: DYes DNO DN/A 14. KI starch test strips Lot # Positive for Res. Chlorine? Y N N SM 4500 CN samples checked for sul DYes DNO DN/A 15. Lead Acetate Strips Lot # Positive for Sulfide? Y N N Headspace in VOA Vials (>6mm): DYes DNO DN/A 15. Light Present: DYes DNO DN/A 15. Light Present: DYes DNO DN/A 16. Trip Blank Custody Seals Present DYes DNO DN/A 17.		12
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Client Notification/ Resolution: Field Data Required? Y / N Person Contacted:	12	17.
Person Contacted: Date/Time: Comments/ Resolution:		
Comments/ Resolution:		
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* PM (Project Manager) review is documented electronically in LIMS.



October 02, 2023

Robert G. Gregory KOMAN Government Services, LLC 180 Gordon Dr. Suite 110 Exton, PA 19341

RE: Project: NYAW-MERRICK OPS BACT SERI9/27 Pace Project No.: 70272127

Dear Robert Gregory:

Enclosed are the analytical results for sample(s) received by the laboratory on September 28, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network: • Pace Analytical Services - Melville

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kimberley Mack

Kimberley M. Mack kimberley.mack@pacelabs.com 516-370-6052 Project Manager

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC





CERTIFICATIONS

Project: NYAW-MERRICK OPS BACT SERI9/27

Pace Project No.: 70272127

Pace Analytical Services Long Island

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



SAMPLE SUMMARY

Project:NYAW-MERRICK OPS BACT SERI9/27Pace Project No.:70272127

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70272127001		Drinking Water	09/27/23 19:30	09/28/23 10:15
70272127002	N-093338(SEAMAN NECK 4 WELL)-2	Drinking Water	09/27/23 19:32	09/28/23 10:15
70272127003	N-093338(SEAMAN NECK 4 WELL)-5	Drinking Water	09/27/23 19:35	09/28/23 10:15
70272127004	N-093338(SEAMAN NECK 4 WELL)-1	Drinking Water	09/27/23 19:40	09/28/23 10:15
70272127005	N-093338(SEAMAN NECK 4 WELL)-2	Drinking Water	09/27/23 20:00	09/28/23 10:15
70272127006	N-093338(SEAMAN NECK 4 WELL)-3	Drinking Water	09/27/23 20:03	09/28/23 10:15
70272127007	GAC-3S/4S-VESSEL#100-0	Drinking Water	09/27/23 18:10	09/28/23 10:15
70272127008	GAC-3S/4S-VESSEL#100-2	Drinking Water	09/27/23 18:12	09/28/23 10:15
70272127009	GAC-3S/4S-VESSEL#100-5	Drinking Water	09/27/23 18:15	09/28/23 10:15
70272127010	GAC-3S/4S-VESSEL#100-10	Drinking Water	09/27/23 18:20	09/28/23 10:15
70272127011	GAC-3S/4S-VESSEL#100-30	Drinking Water	09/27/23 18:40	09/28/23 10:15
70272127012	GAC-3S/4S-VESSEL#200-0	Drinking Water	09/27/23 18:50	09/28/23 10:15
70272127013	GAC-3S/4S-VESSEL#200-2	Drinking Water	09/27/23 18:52	09/28/23 10:15
70272127014	GAC-3S/4S-VESSEL#200-5	Drinking Water	09/27/23 18:55	09/28/23 10:15
70272127015	GAC-3S/4S-VESSEL#200-10	Drinking Water	09/27/23 19:00	09/28/23 10:15
70272127016	GAC-3S/4S-VESSEL#200-30	Drinking Water	09/27/23 19:20	09/28/23 10:15



SAMPLE ANALYTE COUNT

Project:	NYAW-MERRICK OPS BACT SERI9/27
Pace Project No .:	70272127

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70272127001		SM22 9223B Colilert	GML	2
70272127002	N-093338(SEAMAN NECK 4 WELL)-2	SM22 9223B Colilert	GML	2
70272127003	N-093338(SEAMAN NECK 4 WELL)-5	SM22 9223B Colilert	GML	2
70272127004	N-093338(SEAMAN NECK 4 WELL)-1	SM22 9223B Colilert	GML	2
70272127005	N-093338(SEAMAN NECK 4 WELL)-2	SM22 9223B Colilert	GML	2
70272127006	N-093338(SEAMAN NECK 4 WELL)-3	SM22 9223B Colilert	GML	2
70272127007	GAC-3S/4S-VESSEL#100-0	SM22 9223B Colilert	GML	2
70272127008	GAC-3S/4S-VESSEL#100-2	SM22 9223B Colilert	GML	2
70272127009	GAC-3S/4S-VESSEL#100-5	SM22 9223B Colilert	GML	2
70272127010	GAC-3S/4S-VESSEL#100-10	SM22 9223B Colilert	GML	2
70272127011	GAC-3S/4S-VESSEL#100-30	SM22 9223B Colilert	GML	2
70272127012	GAC-3S/4S-VESSEL#200-0	SM22 9223B Colilert	GML	2
70272127013	GAC-3S/4S-VESSEL#200-2	SM22 9223B Colilert	GML	2
70272127014	GAC-3S/4S-VESSEL#200-5	SM22 9223B Colilert	GML	2
70272127015	GAC-3S/4S-VESSEL#200-10	SM22 9223B Colilert	GML	2
70272127016	GAC-3S/4S-VESSEL#200-30	SM22 9223B Colilert	GML	2

PACE-MV = Pace Analytical Services - Melville



Project: NYAW-MERRICK OPS BACT SERI9/27

Pace Project No.: 70272127

Sample: N-093338(SEAMAN NECK 4 WELL)-0	Lab ID:	70272127001	Collecte	d: 09/27/2:	3 19:30	Received: 09/	/28/23 10:15 Ma	Matrix: Drinking Water		
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual	
MBIO Total Coliform DW	,	Method: SM22		ilert Prepai	ation M	ethod: SM22 922	23B Colilert			
Total Coliforms E.coli	Absent Absent				1 1	09/28/23 16:00 09/28/23 16:00				



Project: NYAW-MERRICK OPS BACT SERI9/27

Pace Project No.: 70272127

Sample: N-093338(SEAMAN NECK 4 WELL)-2	Lab ID:	70272127002	Collecte	d: 09/27/2	3 19:32	Received: 09/	/28/23 10:15 Ma	Matrix: Drinking Water		
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual	
MBIO Total Coliform DW	,	l Method: SM22 Ilytical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert			
Total Coliforms E.coli	Absent Absent				1 1	09/28/23 16:00 09/28/23 16:00				



Project: NYAW-MERRICK OPS BACT SERI9/27

Pace Project No.: 70272127

Sample: N-093338(SEAMAN NECK 4 WELL)-5	Lab ID:	70272127003	Collecte	d: 09/27/2	3 19:35	Received: 09/	/28/23 10:15 Ma	Matrix: Drinking Water		
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual	
MBIO Total Coliform DW	,	l Method: SM22 Ilytical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert			
Total Coliforms E.coli	Absent Absent				1 1	09/28/23 16:00 09/28/23 16:00				



Project: NYAW-MERRICK OPS BACT SERI9/27

Pace Project No.: 70272127

Sample: N-093338(SEAMAN NECK 4 WELL)-1	Lab ID:	70272127004	Collecte	d: 09/27/2	3 19:40	Received: 09/	/28/23 10:15 Ma	Matrix: Drinking Water		
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual	
MBIO Total Coliform DW	,	l Method: SM22 Ilytical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert			
Total Coliforms E.coli	Absent Absent				1 1	09/28/23 16:00 09/28/23 16:00				



Project: NYAW-MERRICK OPS BACT SERI9/27

Pace Project No.: 70272127

Sample: N-093338(SEAMAN NECK 4 WELL)-2	Lab ID:	70272127005	Collected	l: 09/27/2	3 20:00	Received: 09/	/28/23 10:15 Ma	Matrix: Drinking Water		
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual	
MBIO Total Coliform DW	,	Method: SM22		ert Prepa	ration M	ethod: SM22 922	23B Colilert			
Total Coliforms E.coli	Absent Absent				1 1	09/28/23 16:00 09/28/23 16:00				



Project: NYAW-MERRICK OPS BACT SERI9/27

Pace Project No.: 70272127

Sample: N-093338(SEAMAN NECK 4 WELL)-3	Lab ID: 70272127006		Collected: 09/27/23 20:03			Received: 09/	/28/23 10:15 Ma	Matrix: Drinking Water		
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual	
MBIO Total Coliform DW	Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert Pace Analytical Services - Melville									
Total Coliforms E.coli	Absent Absent				1 1	09/28/23 16:00 09/28/23 16:00				



Project: NYAW-MERRICK OPS BACT SERI9/27

Pace Project No.: 70272127

Sample: GAC-3S/4S-VESSEL#10	0-0 Lab ID:	70272127007	Collecte	d: 09/27/2	3 18:10	Received: 09/	/28/23 10:15 Ma	atrix: Drinking	Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual	
MBIO Total Coliform DW	Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert Pace Analytical Services - Melville									
Total Coliforms E.coli	Absent Absent				1 1	09/28/23 16:00 09/28/23 16:00				



Project: NYAW-MERRICK OPS BACT SERI9/27

Pace Project No.: 70272127

Sample: GAC-3S/4S-VESSEL#10	00-2 Lab ID:	70272127008	Collecte	d: 09/27/2	3 18:12	Received: 09/	/28/23 10:15 Ma	atrix: Drinking	Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual	
MBIO Total Coliform DW	Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Total Coliforms E.coli	Absent Absent				1 1	09/28/23 16:00 09/28/23 16:00				



Project: NYAW-MERRICK OPS BACT SERI9/27

Pace Project No.: 70272127

Sample: GAC-3S/4S-VESSEL#10	0-5 Lab ID:	70272127009	Collecte	d: 09/27/2	3 18:15	Received: 09/	/28/23 10:15 Ma	atrix: Drinking	Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual	
MBIO Total Coliform DW	Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert Pace Analytical Services - Melville									
Total Coliforms E.coli	Absent Absent				1 1	09/28/23 16:00 09/28/23 16:00				



Project: NYAW-MERRICK OPS BACT SERI9/27

Pace Project No.: 70272127

Sample: GAC-3S/4S-VESSEL#100- 10	Lab ID: 70272127010		Collected: 09/27/23 18:20			Received: 09/	/28/23 10:15 Ma	Matrix: Drinking Water		
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual	
MBIO Total Coliform DW	Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert Pace Analytical Services - Melville									
Total Coliforms E.coli	Absent Absent				1 1	09/28/23 16:00 09/28/23 16:00				



Project: NYAW-MERRICK OPS BACT SERI9/27

Pace Project No.: 70272127

Sample: GAC-3S/4S-VESSEL#100- 30	Lab ID: 70272127011		Collected: 09/27/23 18:40			Received: 09/	/28/23 10:15 Ma	latrix: Drinking Water		
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual	
MBIO Total Coliform DW	Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert Pace Analytical Services - Melville									
Total Coliforms E.coli	Absent Absent				1 1	09/28/23 16:00 09/28/23 16:00				



Project: NYAW-MERRICK OPS BACT SERI9/27

Pace Project No.: 70272127

Sample: GAC-3S/4S-VESSEL#20	0-0 Lab ID:	70272127012	Collected	d: 09/27/2	3 18:50	Received: 09/	/28/23 10:15 Ma	atrix: Drinking	Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual	
MBIO Total Coliform DW	Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert Pace Analytical Services - Melville									
Total Coliforms E.coli	Absent Absent				1 1	09/28/23 16:00 09/28/23 16:00				



Project: NYAW-MERRICK OPS BACT SERI9/27

Pace Project No.: 70272127

Sample: GAC-3S/4S-VESSEL#20	0-2 Lab ID:	70272127013	Collecte	d: 09/27/2	3 18:52	Received: 09/	/28/23 10:15 Ma	atrix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	Method: SM22 lytical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	09/28/23 16:00 09/28/23 16:00			



Project: NYAW-MERRICK OPS BACT SERI9/27

Pace Project No.: 70272127

Sample: GAC-3S/4S-VESSEL#20	00-5 Lab ID:	70272127014	Collected	d: 09/27/2	3 18:55	Received: 09/	/28/23 10:15 Ma	atrix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	l Method: SM22 Ilytical Services		lert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	09/28/23 16:00 09/28/23 16:00			



Project: NYAW-MERRICK OPS BACT SERI9/27

Pace Project No.: 70272127

Sample: GAC-3S/4S-VESSEL#200- 10	Lab ID:	70272127015	Collecte	d: 09/27/2	3 19:00	Received: 09/	/28/23 10:15 Ma	trix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW		l Method: SM22 alytical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	09/28/23 16:00 09/28/23 16:00			



Project: NYAW-MERRICK OPS BACT SERI9/27

Pace Project No.: 70272127

Sample: GAC-3S/4S-VESSEL#200- 30	Lab ID:	70272127016	Collecte	d: 09/27/2	3 19:20	Received: 09/	/28/23 10:15 Ma	trix: Drinking \	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	l Method: SM22 alytical Services		ilert Prepa	ration M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	09/28/23 16:00 09/28/23 16:00			



QUALITY CONTROL DATA

Project:	NYAW-	MERRICK OPS	BACT SERI9/	27				
Pace Project No.:	702721	27						
QC Batch:	32232	21		Analysis Meth	nod:	SM22 9223B Colilert		
QC Batch Method:	SM22	9223B Colilert		Analysis Des	cription:	TotCoIDW MBIO Tota	al Coliform	
Associated Lab Sar	nples:	,	70272127009,		0272127004,	Pace Analytical Serv 70272127005, 7027 70272127012, 70272	2127006, 702721	,
METHOD BLANK:	164408	4		Matrix:	Drinking Wat	er		
Associated Lab Sar	nples:	,	70272127009,		· · · · · · · · · · · · · · · · · · ·	70272127005, 70272 70272127012, 70272	,	,
				Blank	Reporting			
Parar	neter		Units	Result	Limit	Analyzed	Qualifiers	
E.coli				Absent		09/29/23 10:00		
Total Coliforms				Absent		09/29/23 10:00		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALIFIERS

Project: NYAW-MERRICK OPS BACT SERI9/27

Pace Project No.: 70272127

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project:NYAW-MERRICK OPS BACT SERI9/27Pace Project No.:70272127

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70272127001	N-093338(SEAMAN NECK 4 WELL)-0	SM22 9223B Colilert	322321	SM22 9223B Colilert	322330
70272127002	N-093338(SEAMAN NECK 4 WELL)-2	SM22 9223B Colilert	322321	SM22 9223B Colilert	322330
70272127003	N-093338(SEAMAN NECK 4 WELL)-5	SM22 9223B Colilert	322321	SM22 9223B Colilert	322330
70272127004	N-093338(SEAMAN NECK 4 WELL)-1	SM22 9223B Colilert	322321	SM22 9223B Colilert	322330
70272127005	N-093338(SEAMAN NECK 4 WELL)-2	SM22 9223B Colilert	322321	SM22 9223B Colilert	322330
70272127006	N-093338(SEAMAN NECK 4 WELL)-3	SM22 9223B Colilert	322321	SM22 9223B Colilert	322330
70272127007	GAC-3S/4S-VESSEL#100-0	SM22 9223B Colilert	322321	SM22 9223B Colilert	322330
70272127008	GAC-3S/4S-VESSEL#100-2	SM22 9223B Colilert	322321	SM22 9223B Colilert	322330
70272127009	GAC-3S/4S-VESSEL#100-5	SM22 9223B Colilert	322321	SM22 9223B Colilert	322330
70272127010	GAC-3S/4S-VESSEL#100-10	SM22 9223B Colilert	322321	SM22 9223B Colilert	322330
70272127011	GAC-3S/4S-VESSEL#100-30	SM22 9223B Colilert	322321	SM22 9223B Colilert	322330
70272127012	GAC-3S/4S-VESSEL#200-0	SM22 9223B Colilert	322321	SM22 9223B Colilert	322330
70272127013	GAC-3S/4S-VESSEL#200-2	SM22 9223B Colilert	322321	SM22 9223B Colilert	322330
70272127014	GAC-3S/4S-VESSEL#200-5	SM22 9223B Colilert	322321	SM22 9223B Colilert	322330
70272127015	GAC-3S/4S-VESSEL#200-10	SM22 9223B Colilert	322321	SM22 9223B Colilert	322330
70272127016	GAC-3S/4S-VESSEL#200-30	SM22 9223B Colilert	322321	SM22 9223B Colilert	322330

WO#:70272127 70272127

CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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	Sample Ids must be unique	WTC MAND PC SLD OLD WPO ARD OTD	CODE (see valid codes to left)	(G=GRAB	STA	ART	E		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	peve				33	5	huene Toet	Cottent (Fecal/Fcoli)	i oran Front							el Chlorine (Y/N)			
ITEM #	aampie los musicoe anique Tieses	TS	MATRIX CODE	SAMPLE TYPE	DATE	TIME	DATE	TIME	SAMPLE	#OF CO	Unpreserved	H2SO4	모	NaOH	Na.25203	Methanol	Other	Colliert (TIMINO	Ц		Ц		Ц		Residual			
1	N-09338 (Seaman Neck 4 Well)	-0	DW	G		6	:27.1	7:30	pr	1	x							2	×	\square		\square	-	\square	-				
2	N-09338 (Seaman Neck 4 Well)	-2	DW	G		9	27:13	7:34	-	1	x					4		Ŀ	×	\downarrow	-	Ц	_	Ц	_	Ц			
3	N-09338 (Seaman Neck 4 Well)	-5	DW	G		C	17.27	7:35	10,5	1	x	+		1	Ц	_		12	×	\downarrow	+	\vdash	-	\square	_	Ц			_
4	N-09338 (Seaman Neck 4 Well)	-10	DW	G		C	27:2	7:40	P		x	+	-	+		_		12	×	+	+	\square	+	$\left \right $		Н			
5	N-09338 (Seaman Neck 4 Weil)	-30	DW	G		9	1	8:00	-	1	x	4	+	\vdash	Н		-	P	×	+	-	\vdash	+	\square	-	H			
8	N-09338 (Seaman Neck 4 Well)-	30D	DW	G		9	27.2	8.0	e.	L	x	+	┢	┢	Н	_	4	2	×	+	-	⊢⊦	+	\mathbb{H}		H			
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Page 24 of 28

Pace Analytical

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CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT, All relevant fields must be completed accurately.

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3	GAC-3S/4S-Vessel#100-5		DV	G			127 23	6:15	m	1)	4	+	+	\square	_	_	_	12	(\vdash		+-	$\left \right $	+	++	-+-	-			
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CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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Section A Required	Client Information:	Section B Required P	rojec	info	mation:						tion (ice i		natio	n:													P:	age :	2	21	01	
Company	KOMAN Government Solutions, LLC	Report To:	Rol	erl G	inegory					Atto	ntion:		Accou	ints l	Payab	ło											Destreaded	AT MALE		Concession of the local division of the loca		-
ddrens:	180 Gordon Dr., Suite 110	Copy To:	NC	DOH						Con	pan				AN G		mont	Solut	ions,	LLC												
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Ernait:	RGregory@komans.com	Purchase O	rder #	:	02607-2	04				Pac	e Qua	ole;												T							And a state of the	-
Phone:	(810) 400-0638 Fax	Project Nem	_		W-MERF	RICK OPS	S FACILIT	Y			and the second	ALC: NOT THE OWNER	Aanog	per:	<u> </u>	1125	Jary A	lick.	\$Pa	10 dig	ζοιτι	_	_					Btat	hi / Loc	sation		_
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ITEM	n an ann an ann an an an an an an an an		MATR	SAMPLE.	DATE	TIME	DATE	1	SAMPLE	#0F0	Unpie	H2SO4	EONH	P :	Na 253	Methanol	Other	A	Colifier			L					Ц	Residual (-
1	GAC-3S/4S-Vessel#200-0		NG	G			T	GISO	-	1	x	_	-	1	-	_	-		x	_	-			_	-	1	\square	_				-
2	GAC-3S/4S-Vessel#200-2		DM	G		0	2723	GISZA	n	1	×			_					x													-
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DC#_Title: ENV-FRM-MELV-0150 v1_Sample Container Count Melville Effective Date: 4/10/2023 WO#:70272127 PM: KMM Due Date: 10/05/23 5456 Client: KG5 Use Point N CLIENT: KGS Profile #: Work ID: DIST BACT Add SCLOG. COC Page of MGKU COC VGFU NGDU /G9C G4U G3U VG2U G1U AG4E GIU 3P1U NG2U G3S 32R GIH 3P1N 8P18 G9U G9H G9T G34 GHT GIA D40 P3U 2U P3S P3N 3P3C P3R **3P1Z** PLC PST BP31 SOC Line Item 8 Z ß . 4 3 5 7 0 302 11 32. Container Codes Matrix Glass Plastic Misc. 100 VG9U 40mL unpres clear vial AG4U 125mL unpres amber glass BP4U WT Water 125mL unpreserved plastic SP5T 120mL Coliform Na Thio BP1U 1L unpreserved plastic 40mL Ascorbic-HCI clear vial AG3U 250mL unpres amber glass BP3U VG9C 250mL unpreserved plastic BP3N* SL Solid Terracore Kit 250mL HNO3 plastic VG9H 40mL HCI clear viat 500mL unpres amber glass BP2U NAL AG2U 500mL unpreserved plastic BP3C Non-aqueous Liquid WG2U 2oz Unpreserved Jar 250mL Sodium Hydroxide VG9S 40mL Sulfuirc clear vial AG1U 1liter unpres amber glass BP1U OIL 1L unpreserved plastic WGFU 4oz Unpreserved Jar AG2U 500mL unpres amber glass DG9T 40mL Na Thiosulfale vial AG34 Ammonium CI 250mL bottle BP4N 125mL HNO3 plastic WP Wipe WGKU Boz Unpreserved Jar DG9Y 40mL Citrate-Na Thiosulfate AG3S 250mL H2SO4 amber glass BP3N 250mL HNO3 plastic DW Drinking Water WGDU 16oz Unpreserved Jar DG9P 40mL amber vial - TSP AG4E 125mL EDA amber glass BP2N 500mL HNO3 plastic ZPLC Ziplock Bag Can also be a BP4N DG9A Ascorbic/Maleic Acid 40mL AGIT 250mL Na Thio amber glass BP3S 250mL H2SO4 plastic TEDL Tedlar Bag Na Thio 60mL Vial AG2R Na Sulfite 500mL (blue Cap) BP2S DG6T 500mL H2SO4 plastic BG1H 1L HCL Clear Glass DG9S Ammonium Cl/CuSO4 40mL AG1T Na Thiosulfate 1L bottle BP3C NaOH 250mL bottle GN General CG1U 1L Unpres Jar (Con Ed) AG1H 1L HCI amber glass BP3T 250mL Trizma WP Wipe SOC AG1A (NH4CI) BP35 250mL Ammonium Acetate VG9T 40mL Na Thio amber vial WG9O 8oz clear soil jar BP3R 250mL NH4SO4-NH4OH DG9A 40mL Ascorbic acid/ maleic Acld vials WG40 4oz clear soil jar BP1Z 1L NaOH, Zn Acelale DG9Y Citrate/Na Thiosulfate 40mL BP1N 1L HNO3 plastic DG6T Na Thiosulfate 60mL vial BP1B Na Thiosulfate Amber Bottle DG6M MonoClActetic/Na Thio 60mL AG3U 250mL unpres amber glass AG3T Na Thiosulfate 250mL bottle BP1B Na Thiosulfate Amber bottle Sender Initials AG1T Na Thiosultale 1L Amber AG1A 525.3 Chemical Blend

Additional Comments

Page 27 of 28 Page 27 Page 27 Page 28 Page 28

Pace® Analytical Services, LLC

DCrl_	Title	ENV	FRM	-MELV	0024	v4_	SCUR
Effec	live Da	ate	5/23/	2023			

	yi e iez		810			WO#	:70	27212	7
Client Name:		11	0		Project #	PM: KMM		Due Date:	
Courier: D Fed Ex D UPS D US		$\langle \mathcal{A} \rangle$) Commercia	al 🗆 Pace	Other	CLIENT:	KGS		
Tracking #:					/				
Custody Seal on Cooler/Box Pres Packing Material: 🗌 Bubble Wrap	ent: DN D Bubb	res 🖸 N le Bags	lo Seals	intact:	/es I No To I Other Ty	emperature Bla /pe of Ice: /We	n Presen	t: 🗋 Yes 🛃 No	
Thermometer Used: 714196 Cooler Temperature(°C): 1.5 Temp should be above freezing to 6.0°C			ctor:	0-4. prrected(°C	□sa): <u>/·(</u> Da	amples on ice, c ate/Time 5035A	ooling proc kits place	ess has begun d in freezer	
USDA Regulated Soil (🖉 N/A, wa	ler samp	le)							
Did samples originate in a quarantir	ne zone v				R, CA, FL, G Yes 🗆 No	A, ID, LA, MS, N	1C, NM, N	Y, OK. OR, SC, TN.	. TX,
Did samples or	rignate fro	om a for	eign sourc	e including	Hawaii and P	uerto Rico)? 🗆]Yes 🗆	No	
If Yes to either question, fill ou	ıt a Regu	lated So	oil Check			76) and include person exa			/
X				1		COMME	UTS:	SH	9/28/2
Chain of Custody Present:	aYes	aNo		1.	<u>.</u>	GOIVIIVIEI	x15;	8	-4 '
Chain of Custody Filled Out:	oves			2.					
Chain of Custody Relinquished:	oxes	DNO		3.					
Sampler Name & Signature on COC		⊡No	oN/A	4.	5				1.4
Samples Arrived within Hold Time:	eYes	αNo		5.			-		
Short Hold Time Analysis (<72hr):	elles	oNo		6.					
Rush Turn Around Time Requeste	ed oYes	ano.		7.					
Sufficient Volume: (Triple volume provided for MS/MSD)	oyes	οNo		8,					
Correct Containers Used:	orles	οNo		9.		1.1			
-Pace Containers Used:	eves	пNo							
Containers Intact:	ieres	вNo		10.					
Filtered volume received for Dissolved tests	⊡Yes	αNo	BN/A	11.	Note: if sedime	nt is visible in the	dissolved c	ontainer.	
Sample Labels match COC: •	eYes	ONO		12.				3	-
-Includes date/time/ID/Analysi: Matrix	x: SL	VT OIL	OTHER	1					
	-			Date an	d Initials o	t person che	cking pr	eservation: 5/	4 9/28/
All containers needing preservation		22				I₂SO₄ □ NaOH		01	1/20/
have been	□Yes	DNO	PAHA		3 3		0 HOI	ST	
pH paper Lot #				Sample	2.2			15 A	
All containers needing preservation				#	10				
in compliance with method recomme			/						
HNO3, H2SO4, HCI, NaOH>9 Sulfid	e,⊡Yes	DNo	DN7A						
NAOH>12 Cyanide		d Cross		1					
Exceptions: VOA, Coliform, TOC/DC DRO/8015 (water)	ic, Oil an	id Greas	e,	Initial when o	ompleted: It at	# of added	Date/Time	preservative added:	- ×
Per Method, VOA pH is checked after	ar an alvei	ie		in the where t		ervative;	Jaconne	reservative added:	1.1
		DNo	ANIA	14.	I`	-4.1/7729	1		
Samples checked for dechloringtion:		0.10	YUNG	1.18	×				1 .
				Positive for	r Res. Chlorir	ie? Y N			2
I starch test strips Lot #									
KI starch test strips Lot # Residual chlorine strips Lot #	uloYes	oNo	QN/A	15.					
KI starch test strips Lot # Residual chlorine strips Lot # SM 4500 CN samples checked for second stripping stripp	uloYes	⊡No	QNIA		r Sulfide?	YN	ē.		
KI starch test strips Lot # <u>Residual chlorine strips Lot #</u> SM 4500 CN samples checked for s Lead Acetate Strips Lot #	uloYes oYes	oNo oNo	QN/A QN/A	15.	r Sulfide?	YN	F.		
KI starch test strips Lot # Residual chlorine strips Lot # SM 4500 CN samples checked for s Lead Acetate Strips Lot # Headspace in VOA Vials (>6mm):		i	ONTA ONTA	15. Positive fo	r Sulfide?	YN	F:		
KI starch test strips Lot # Residual chlorine strips Lot # SM 4500 CN samples checked for s Lead Acetate Strips Lot # Headspace in VOA Vials (>6mm): Trip Blank Present:	⊡Yes	ωNo	ANIA	15. Positive fo 16.	r Sulfide?	Y N	e.	а 4	
KI starch test strips Lot # Residual chlorine strips Lot # SM 4500 CN samples checked for s Lead Acetate Strips Lot # Headspace in VOA Vials (>6mm): Trip Blank Present: Trip Blank Custody Seals Present	oYes oYes	nNo No	ONTA ONTA	15 Positive fo 16. 17	r Sulfide? Required?	Y N Y / N	¥1	8	
Samples checked for dechlorination: KI starch test strips Lot # Residual chlorine strips Lot # SM 4500 CN samples checked for s Lead Acetate Strips Lot # Headspace in VOA Vials (>6mm): Trip Blank Present: Trip Blank Custody Seals Present Client Notification/ Resolution: Person Contacted:	oYes oYes	nNo No	ONTA ONTA	15 Positive fo 16. 17 Field Data	t		*		
KI starch test strips Lot # <u>Residual chlorine strips Lot #</u> SM 4500 CN samples checked for s <u>Lead Acetate Strips Lot #</u> <u>Headspace in VOA Vials (>6mm):</u> Trip Blank Present: <u>Trip Blank Custody Seals Present</u> <u>Client Notification/ Resolution:</u> Person Contacted:	oYes oYes	nNo No	ONTA ONTA	15 Positive fo 16. 17 Field Data	Required?		F:	5 	
KI starch test strips Lot # Residual chlorine strips Lot # SM 4500 CN samples checked for s Lead Acetate Strips Lot # Headspace in VOA Vials (>6mm): Trip Blank Present: Trip Blank Custody Seals Present Client Notification/ Resolution:	oYes oYes	nNo No	ONTA ONTA	15 Positive fo 16. 17 Field Data	Required?			9 9 9	
KI starch test strips Lot # Residual chlorine strips Lot # SM 4500 CN samples checked for s Lead Acetate Strips Lot # Headspace in VOA Vials (>6mm): Trip Blank Present: Trip Blank Custody Seals Present Client Notification/ Resolution: Person Contacted:	oYes oYes	nNo No	ONTA ONTA	15 Positive fo 16. 17 Field Data	Required?			5 2 ²	

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