



11 April 2022

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

**Subject: March 2022 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 Granulated Activated Carbon (GAC) Treatment System is located at the Liberty New York Water (LNYW), formerly New York American Water (NYAW), 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 under CH2MHill. 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 March 2022 and present the associated analytical results.

Sampling Requirements

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

- **Monthly Sampling:** Principal Organic Compound (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.

March 2022 Sampling Summary

Monthly POC Sampling

On 9 March 2022 monthly POC samples were collected from the GAC system influent from Well No. 3A and 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 March 2022. **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 NCDOH requirements.

Table 1 - TCE Analytical Results⁽¹⁾ – March 2022

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]
03/09/2022	32.0	4.5	ND	ND

Notes:

(1) All concentrations reported in ug/L (ppb).

ND – Not Detected above the reporting limit (0.50 ug/L)

Quarterly Microbiological (MIC) Sampling

On 20 March 2022, GAC #100 and GAC #200 were taken off-line for a minimum required 12-hour period prior to collecting quarterly MIC samples. Well No. 3A and the other four GAC vessels continued to operate. 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 well and vessels on 21 March 2022. Analytical results are presented in **Attachment 2**. As indicated, *E. Coli* and Total Coliform were not present in any of these samples.

On 21 March 2022, GAC #500 and GAC #600 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 #500 and GAC #600 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 22 March 2022. Analytical results are presented in **Attachment 2**. As indicated, *E. Coli* and Total Coliform were not present in any of these samples.

On 22 March 2022, 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 the GAC vessel effluents at 0, 2, 5, 10, and 30 minutes after restart of the GAC vessels on 23 March 2022. 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 rgregory@komangs.com with any questions or concerns regarding this report.

Sincerely,

KOMAN Government Solutions, LLC



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
C. Shukis – NAVFAC
V. Varrichio – NWIRP Bethpage Facilities Management
R. Kern – LNYW
N. Niola – LNYW
J. Palmer - LNYW
D. Brayack – Tetra Tech
R. Hoffmaster – KGS
P. Schauble – KGS

ATTACHMENT 1

POC ANALYTICAL RESULTS FOR MARCH 2022

March 21, 2022

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

RE: Project: NYAW-MERRICK OPS FACILITY 3/9
Pace Project No.: 70206803

Dear Robert Gregory:

Enclosed are the analytical results for sample(s) received by the laboratory on March 09, 2022. 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

Samples were received on the same day of collection on ice and are above 6 degrees Celcius. Samples were placed on ice by the lab and the cooling process has begun.

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

Sincerely,



Kimberley M. Mack
kimberley.mack@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: NYAW-MERRICK OPS FACILITY 3/9

Pace Project No.: 70206803

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: NYAW-MERRICK OPS FACILITY 3/9

Pace Project No.: 70206803

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70206803001	GAC-3S/4S (SEAMAN NECK GAC EFF	Drinking Water	03/09/22 10:40	03/09/22 13:36
70206803002	GAC-3S/4S (SEAMAN NECK GAC EFF	Drinking Water	03/09/22 10:50	03/09/22 13:36
70206803003	WELL 3A N-14347 (INFLUENT)	Drinking Water	03/09/22 11:15	03/09/22 13:36
70206803004	WELL 4 N-09338 (INFLUENT)	Drinking Water	03/09/22 11:05	03/09/22 13:36

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: NYAW-MERRICK OPS FACILITY 3/9

Pace Project No.: 70206803

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70206803001	GAC-3S/4S (SEAMAN NECK GAC EFF)	EPA 522	JMD	2
		EPA 524.2	KGG	62
70206803002	GAC-3S/4S (SEAMAN NECK GAC EFF)	EPA 524.2	KGG	62
70206803003	WELL 3A N-14347 (INFLUENT)	EPA 522	JMD	2
		EPA 524.2	KGG	62
70206803004	WELL 4 N-09338 (INFLUENT)	EPA 522	JMD	2
		EPA 524.2	KGG	62

PACE-MV = Pace Analytical Services - Melville

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: NYAW-MERRICK OPS FACILITY 3/9

Sample Project No.: 70206803

Sample: GAC-3S/4S (SEAMAN NECK GAC EFF) **Lab ID:** 70206803001 Collected: 03/09/22 10:40 Received: 03/09/22 13:36 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
522 MSS 1,4 Dioxane (SIM)									
Analytical Method: EPA 522 Preparation Method: EPA 522									
Pace Analytical Services - Melville									
1,4-Dioxane (p-Dioxane)	1.8	ug/L	0.020		1	03/13/22 08:30	03/14/22 21:37	123-91-1	
Surrogates									
1,4-Dioxane-d8 (S)	102	%	70-130		1	03/13/22 08:30	03/14/22 21:37		
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Melville									
Benzene	<0.50	ug/L	0.50		1		03/19/22 12:47	71-43-2	
Bromobenzene	<0.50	ug/L	0.50		1		03/19/22 12:47	108-86-1	
Bromochloromethane	<0.50	ug/L	0.50		1		03/19/22 12:47	74-97-5	
Bromodichloromethane	<0.50	ug/L	0.50		1		03/19/22 12:47	75-27-4	
Bromoform	<0.50	ug/L	0.50		1		03/19/22 12:47	75-25-2	
Bromomethane	<0.50	ug/L	0.50		1		03/19/22 12:47	74-83-9	
n-Butylbenzene	<0.50	ug/L	0.50		1		03/19/22 12:47	104-51-8	
sec-Butylbenzene	<0.50	ug/L	0.50		1		03/19/22 12:47	135-98-8	
tert-Butylbenzene	<0.50	ug/L	0.50		1		03/19/22 12:47	98-06-6	
Carbon tetrachloride	<0.50	ug/L	0.50		1		03/19/22 12:47	56-23-5	
Chlorobenzene	<0.50	ug/L	0.50		1		03/19/22 12:47	108-90-7	
Chlorodifluoromethane	<0.50	ug/L	0.50		1		03/19/22 12:47	75-45-6	N3
Chloroethane	<0.50	ug/L	0.50		1		03/19/22 12:47	75-00-3	
Chloroform	<0.50	ug/L	0.50		1		03/19/22 12:47	67-66-3	
Chloromethane	<0.50	ug/L	0.50		1		03/19/22 12:47	74-87-3	L1
2-Chlorotoluene	<0.50	ug/L	0.50		1		03/19/22 12:47	95-49-8	
4-Chlorotoluene	<0.50	ug/L	0.50		1		03/19/22 12:47	106-43-4	
Dibromochloromethane	<0.50	ug/L	0.50		1		03/19/22 12:47	124-48-1	
Dibromomethane	<0.50	ug/L	0.50		1		03/19/22 12:47	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 12:47	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 12:47	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 12:47	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	0.50		1		03/19/22 12:47	75-71-8	
1,1-Dichloroethane	<0.50	ug/L	0.50		1		03/19/22 12:47	75-34-3	
1,2-Dichloroethane	<0.50	ug/L	0.50		1		03/19/22 12:47	107-06-2	
1,1-Dichloroethene	<0.50	ug/L	0.50		1		03/19/22 12:47	75-35-4	
cis-1,2-Dichloroethene	<0.50	ug/L	0.50		1		03/19/22 12:47	156-59-2	
trans-1,2-Dichloroethene	<0.50	ug/L	0.50		1		03/19/22 12:47	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	0.50		1		03/19/22 12:47	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	0.50		1		03/19/22 12:47	142-28-9	
2,2-Dichloropropane	<0.50	ug/L	0.50		1		03/19/22 12:47	594-20-7	
1,1-Dichloropropene	<0.50	ug/L	0.50		1		03/19/22 12:47	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	0.50		1		03/19/22 12:47	10061-01-5	
trans-1,3-Dichloropropene	<0.50	ug/L	0.50		1		03/19/22 12:47	10061-02-6	
Ethylbenzene	<0.50	ug/L	0.50		1		03/19/22 12:47	100-41-4	
Hexachloro-1,3-butadiene	<0.50	ug/L	0.50		1		03/19/22 12:47	87-68-3	
Isopropylbenzene (Cumene)	<0.50	ug/L	0.50		1		03/19/22 12:47	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	0.50		1		03/19/22 12:47	99-87-6	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: NYAW-MERRICK OPS FACILITY 3/9

Pace Project No.: 70206803

Sample: GAC-3S/4S (SEAMAN NECK GAC EFF) **Lab ID:** 70206803001 Collected: 03/09/22 10:40 Received: 03/09/22 13:36 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Melville									
Methylene Chloride	<0.50	ug/L	0.50		1		03/19/22 12:47	75-09-2	
Methyl-tert-butyl ether	<0.50	ug/L	0.50		1		03/19/22 12:47	1634-04-4	
n-Propylbenzene	<0.50	ug/L	0.50		1		03/19/22 12:47	103-65-1	
Styrene	<0.50	ug/L	0.50		1		03/19/22 12:47	100-42-5	
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50		1		03/19/22 12:47	630-20-6	
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50		1		03/19/22 12:47	79-34-5	
Tetrachloroethene	<0.50	ug/L	0.50		1		03/19/22 12:47	127-18-4	
Toluene	<0.50	ug/L	0.50		1		03/19/22 12:47	108-88-3	
Total Trihalomethanes (Calc.)	<0.50	ug/L	0.50		1		03/19/22 12:47		
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 12:47	87-61-6	
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 12:47	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	0.50		1		03/19/22 12:47	71-55-6	
1,1,2-Trichloroethane	<0.50	ug/L	0.50		1		03/19/22 12:47	79-00-5	
Trichloroethene	<0.50	ug/L	0.50		1		03/19/22 12:47	79-01-6	
Trichlorofluoromethane	<0.50	ug/L	0.50		1		03/19/22 12:47	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	0.50		1		03/19/22 12:47	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.50	ug/L	0.50		1		03/19/22 12:47	76-13-1	N3
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50		1		03/19/22 12:47	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50		1		03/19/22 12:47	108-67-8	
Vinyl chloride	<0.50	ug/L	0.50		1		03/19/22 12:47	75-01-4	
m&p-Xylene	<0.50	ug/L	0.50		1		03/19/22 12:47	179601-23-1	
o-Xylene	<0.50	ug/L	0.50		1		03/19/22 12:47	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	87	%	70-130		1		03/19/22 12:47	2199-69-1	
4-Bromofluorobenzene (S)	90	%	70-130		1		03/19/22 12:47	460-00-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: NYAW-MERRICK OPS FACILITY 3/9

Pace Project No.: 70206803

Sample: GAC-3S/4S (SEAMAN NECK GAC EFF) **Lab ID:** 70206803002 Collected: 03/09/22 10:50 Received: 03/09/22 13:36 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Melville									
Benzene	<0.50	ug/L	0.50		1		03/19/22 13:13	71-43-2	
Bromobenzene	<0.50	ug/L	0.50		1		03/19/22 13:13	108-86-1	
Bromochloromethane	<0.50	ug/L	0.50		1		03/19/22 13:13	74-97-5	
Bromodichloromethane	<0.50	ug/L	0.50		1		03/19/22 13:13	75-27-4	
Bromoform	<0.50	ug/L	0.50		1		03/19/22 13:13	75-25-2	
Bromomethane	<0.50	ug/L	0.50		1		03/19/22 13:13	74-83-9	
n-Butylbenzene	<0.50	ug/L	0.50		1		03/19/22 13:13	104-51-8	
sec-Butylbenzene	<0.50	ug/L	0.50		1		03/19/22 13:13	135-98-8	
tert-Butylbenzene	<0.50	ug/L	0.50		1		03/19/22 13:13	98-06-6	
Carbon tetrachloride	<0.50	ug/L	0.50		1		03/19/22 13:13	56-23-5	
Chlorobenzene	<0.50	ug/L	0.50		1		03/19/22 13:13	108-90-7	
Chlorodifluoromethane	<0.50	ug/L	0.50		1		03/19/22 13:13	75-45-6	N3
Chloroethane	<0.50	ug/L	0.50		1		03/19/22 13:13	75-00-3	
Chloroform	<0.50	ug/L	0.50		1		03/19/22 13:13	67-66-3	
Chloromethane	<0.50	ug/L	0.50		1		03/19/22 13:13	74-87-3	L1
2-Chlorotoluene	<0.50	ug/L	0.50		1		03/19/22 13:13	95-49-8	
4-Chlorotoluene	<0.50	ug/L	0.50		1		03/19/22 13:13	106-43-4	
Dibromochloromethane	<0.50	ug/L	0.50		1		03/19/22 13:13	124-48-1	
Dibromomethane	<0.50	ug/L	0.50		1		03/19/22 13:13	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 13:13	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 13:13	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 13:13	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	0.50		1		03/19/22 13:13	75-71-8	
1,1-Dichloroethane	<0.50	ug/L	0.50		1		03/19/22 13:13	75-34-3	
1,2-Dichloroethane	<0.50	ug/L	0.50		1		03/19/22 13:13	107-06-2	
1,1-Dichloroethene	<0.50	ug/L	0.50		1		03/19/22 13:13	75-35-4	
cis-1,2-Dichloroethene	<0.50	ug/L	0.50		1		03/19/22 13:13	156-59-2	
trans-1,2-Dichloroethene	<0.50	ug/L	0.50		1		03/19/22 13:13	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	0.50		1		03/19/22 13:13	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	0.50		1		03/19/22 13:13	142-28-9	
2,2-Dichloropropane	<0.50	ug/L	0.50		1		03/19/22 13:13	594-20-7	
1,1-Dichloropropene	<0.50	ug/L	0.50		1		03/19/22 13:13	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	0.50		1		03/19/22 13:13	10061-01-5	
trans-1,3-Dichloropropene	<0.50	ug/L	0.50		1		03/19/22 13:13	10061-02-6	
Ethylbenzene	<0.50	ug/L	0.50		1		03/19/22 13:13	100-41-4	
Hexachloro-1,3-butadiene	<0.50	ug/L	0.50		1		03/19/22 13:13	87-68-3	
Isopropylbenzene (Cumene)	<0.50	ug/L	0.50		1		03/19/22 13:13	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	0.50		1		03/19/22 13:13	99-87-6	
Methylene Chloride	<0.50	ug/L	0.50		1		03/19/22 13:13	75-09-2	
Methyl-tert-butyl ether	<0.50	ug/L	0.50		1		03/19/22 13:13	1634-04-4	
n-Propylbenzene	<0.50	ug/L	0.50		1		03/19/22 13:13	103-65-1	
Styrene	<0.50	ug/L	0.50		1		03/19/22 13:13	100-42-5	
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50		1		03/19/22 13:13	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50		1		03/19/22 13:13	79-34-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: NYAW-MERRICK OPS FACILITY 3/9

Pace Project No.: 70206803

Sample: GAC-3S/4S (SEAMAN NECK GAC EFF) **Lab ID:** 70206803002 Collected: 03/09/22 10:50 Received: 03/09/22 13:36 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2 Pace Analytical Services - Melville									
Tetrachloroethene	<0.50	ug/L	0.50		1		03/19/22 13:13	127-18-4	
Toluene	<0.50	ug/L	0.50		1		03/19/22 13:13	108-88-3	
Total Trihalomethanes (Calc.)	<0.50	ug/L	0.50		1		03/19/22 13:13		
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 13:13	87-61-6	
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 13:13	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	0.50		1		03/19/22 13:13	71-55-6	
1,1,2-Trichloroethane	<0.50	ug/L	0.50		1		03/19/22 13:13	79-00-5	
Trichloroethene	<0.50	ug/L	0.50		1		03/19/22 13:13	79-01-6	
Trichlorofluoromethane	<0.50	ug/L	0.50		1		03/19/22 13:13	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	0.50		1		03/19/22 13:13	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.50	ug/L	0.50		1		03/19/22 13:13	76-13-1	N3
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50		1		03/19/22 13:13	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50		1		03/19/22 13:13	108-67-8	
Vinyl chloride	<0.50	ug/L	0.50		1		03/19/22 13:13	75-01-4	
m&p-Xylene	<0.50	ug/L	0.50		1		03/19/22 13:13	179601-23-1	
o-Xylene	<0.50	ug/L	0.50		1		03/19/22 13:13	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	88	%	70-130		1		03/19/22 13:13	2199-69-1	
4-Bromofluorobenzene (S)	90	%	70-130		1		03/19/22 13:13	460-00-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: NYAW-MERRICK OPS FACILITY 3/9

Sample Project No.: 70206803

Sample: WELL 3A N-14347 (INFLUENT) **Lab ID: 70206803003** Collected: 03/09/22 11:15 Received: 03/09/22 13:36 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
522 MSS 1,4 Dioxane (SIM)									
Analytical Method: EPA 522 Preparation Method: EPA 522									
Pace Analytical Services - Melville									
1,4-Dioxane (p-Dioxane)	2.1	ug/L	0.020		1	03/13/22 08:30	03/14/22 21:55	123-91-1	
Surrogates									
1,4-Dioxane-d8 (S)	99	%	70-130		1	03/13/22 08:30	03/14/22 21:55		
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Melville									
Benzene	<0.50	ug/L	0.50		1		03/19/22 13:39	71-43-2	
Bromobenzene	<0.50	ug/L	0.50		1		03/19/22 13:39	108-86-1	
Bromochloromethane	<0.50	ug/L	0.50		1		03/19/22 13:39	74-97-5	
Bromodichloromethane	<0.50	ug/L	0.50		1		03/19/22 13:39	75-27-4	
Bromoform	<0.50	ug/L	0.50		1		03/19/22 13:39	75-25-2	
Bromomethane	<0.50	ug/L	0.50		1		03/19/22 13:39	74-83-9	
n-Butylbenzene	<0.50	ug/L	0.50		1		03/19/22 13:39	104-51-8	
sec-Butylbenzene	<0.50	ug/L	0.50		1		03/19/22 13:39	135-98-8	
tert-Butylbenzene	<0.50	ug/L	0.50		1		03/19/22 13:39	98-06-6	
Carbon tetrachloride	<0.50	ug/L	0.50		1		03/19/22 13:39	56-23-5	
Chlorobenzene	<0.50	ug/L	0.50		1		03/19/22 13:39	108-90-7	
Chlorodifluoromethane	<0.50	ug/L	0.50		1		03/19/22 13:39	75-45-6	N3
Chloroethane	<0.50	ug/L	0.50		1		03/19/22 13:39	75-00-3	
Chloroform	<0.50	ug/L	0.50		1		03/19/22 13:39	67-66-3	
Chloromethane	<0.50	ug/L	0.50		1		03/19/22 13:39	74-87-3	L1
2-Chlorotoluene	<0.50	ug/L	0.50		1		03/19/22 13:39	95-49-8	
4-Chlorotoluene	<0.50	ug/L	0.50		1		03/19/22 13:39	106-43-4	
Dibromochloromethane	<0.50	ug/L	0.50		1		03/19/22 13:39	124-48-1	
Dibromomethane	<0.50	ug/L	0.50		1		03/19/22 13:39	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 13:39	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 13:39	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 13:39	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	0.50		1		03/19/22 13:39	75-71-8	
1,1-Dichloroethane	<0.50	ug/L	0.50		1		03/19/22 13:39	75-34-3	
1,2-Dichloroethane	<0.50	ug/L	0.50		1		03/19/22 13:39	107-06-2	
1,1-Dichloroethene	0.66	ug/L	0.50		1		03/19/22 13:39	75-35-4	
cis-1,2-Dichloroethene	<0.50	ug/L	0.50		1		03/19/22 13:39	156-59-2	
trans-1,2-Dichloroethene	<0.50	ug/L	0.50		1		03/19/22 13:39	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	0.50		1		03/19/22 13:39	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	0.50		1		03/19/22 13:39	142-28-9	
2,2-Dichloropropane	<0.50	ug/L	0.50		1		03/19/22 13:39	594-20-7	
1,1-Dichloropropene	<0.50	ug/L	0.50		1		03/19/22 13:39	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	0.50		1		03/19/22 13:39	10061-01-5	
trans-1,3-Dichloropropene	<0.50	ug/L	0.50		1		03/19/22 13:39	10061-02-6	
Ethylbenzene	<0.50	ug/L	0.50		1		03/19/22 13:39	100-41-4	
Hexachloro-1,3-butadiene	<0.50	ug/L	0.50		1		03/19/22 13:39	87-68-3	
Isopropylbenzene (Cumene)	<0.50	ug/L	0.50		1		03/19/22 13:39	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	0.50		1		03/19/22 13:39	99-87-6	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: NYAW-MERRICK OPS FACILITY 3/9

Pace Project No.: 70206803

Sample: WELL 3A N-14347 (INFLUENT) **Lab ID: 70206803003** Collected: 03/09/22 11:15 Received: 03/09/22 13:36 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Melville									
Methylene Chloride	<0.50	ug/L	0.50		1		03/19/22 13:39	75-09-2	
Methyl-tert-butyl ether	<0.50	ug/L	0.50		1		03/19/22 13:39	1634-04-4	
n-Propylbenzene	<0.50	ug/L	0.50		1		03/19/22 13:39	103-65-1	
Styrene	<0.50	ug/L	0.50		1		03/19/22 13:39	100-42-5	
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50		1		03/19/22 13:39	630-20-6	
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50		1		03/19/22 13:39	79-34-5	
Tetrachloroethene	<0.50	ug/L	0.50		1		03/19/22 13:39	127-18-4	
Toluene	<0.50	ug/L	0.50		1		03/19/22 13:39	108-88-3	
Total Trihalomethanes (Calc.)	<0.50	ug/L	0.50		1		03/19/22 13:39		
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 13:39	87-61-6	
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 13:39	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	0.50		1		03/19/22 13:39	71-55-6	
1,1,2-Trichloroethane	<0.50	ug/L	0.50		1		03/19/22 13:39	79-00-5	
Trichloroethene	32.0	ug/L	0.50		1		03/19/22 13:39	79-01-6	
Trichlorofluoromethane	<0.50	ug/L	0.50		1		03/19/22 13:39	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	0.50		1		03/19/22 13:39	96-18-4	
1,1,2-Trichlorotrifluoroethane	0.70	ug/L	0.50		1		03/19/22 13:39	76-13-1	N3
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50		1		03/19/22 13:39	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50		1		03/19/22 13:39	108-67-8	
Vinyl chloride	<0.50	ug/L	0.50		1		03/19/22 13:39	75-01-4	
m&p-Xylene	<0.50	ug/L	0.50		1		03/19/22 13:39	179601-23-1	
o-Xylene	<0.50	ug/L	0.50		1		03/19/22 13:39	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	84	%	70-130		1		03/19/22 13:39	2199-69-1	
4-Bromofluorobenzene (S)	86	%	70-130		1		03/19/22 13:39	460-00-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: NYAW-MERRICK OPS FACILITY 3/9

Sample Project No.: 70206803

Sample: WELL 4 N-09338 (INFLUENT) **Lab ID: 70206803004** Collected: 03/09/22 11:05 Received: 03/09/22 13:36 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
522 MSS 1,4 Dioxane (SIM)									
Analytical Method: EPA 522 Preparation Method: EPA 522									
Pace Analytical Services - Melville									
1,4-Dioxane (p-Dioxane)	1.9	ug/L	0.020		1	03/13/22 08:30	03/14/22 22:12	123-91-1	
Surrogates									
1,4-Dioxane-d8 (S)	101	%	70-130		1	03/13/22 08:30	03/14/22 22:12		
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Melville									
Benzene	<0.50	ug/L	0.50		1		03/19/22 14:06	71-43-2	
Bromobenzene	<0.50	ug/L	0.50		1		03/19/22 14:06	108-86-1	
Bromochloromethane	<0.50	ug/L	0.50		1		03/19/22 14:06	74-97-5	
Bromodichloromethane	<0.50	ug/L	0.50		1		03/19/22 14:06	75-27-4	
Bromoform	<0.50	ug/L	0.50		1		03/19/22 14:06	75-25-2	
Bromomethane	<0.50	ug/L	0.50		1		03/19/22 14:06	74-83-9	
n-Butylbenzene	<0.50	ug/L	0.50		1		03/19/22 14:06	104-51-8	
sec-Butylbenzene	<0.50	ug/L	0.50		1		03/19/22 14:06	135-98-8	
tert-Butylbenzene	<0.50	ug/L	0.50		1		03/19/22 14:06	98-06-6	
Carbon tetrachloride	<0.50	ug/L	0.50		1		03/19/22 14:06	56-23-5	
Chlorobenzene	<0.50	ug/L	0.50		1		03/19/22 14:06	108-90-7	
Chlorodifluoromethane	<0.50	ug/L	0.50		1		03/19/22 14:06	75-45-6	N3
Chloroethane	<0.50	ug/L	0.50		1		03/19/22 14:06	75-00-3	
Chloroform	<0.50	ug/L	0.50		1		03/19/22 14:06	67-66-3	
Chloromethane	<0.50	ug/L	0.50		1		03/19/22 14:06	74-87-3	L1
2-Chlorotoluene	<0.50	ug/L	0.50		1		03/19/22 14:06	95-49-8	
4-Chlorotoluene	<0.50	ug/L	0.50		1		03/19/22 14:06	106-43-4	
Dibromochloromethane	<0.50	ug/L	0.50		1		03/19/22 14:06	124-48-1	
Dibromomethane	<0.50	ug/L	0.50		1		03/19/22 14:06	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 14:06	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 14:06	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 14:06	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	0.50		1		03/19/22 14:06	75-71-8	
1,1-Dichloroethane	<0.50	ug/L	0.50		1		03/19/22 14:06	75-34-3	
1,2-Dichloroethane	<0.50	ug/L	0.50		1		03/19/22 14:06	107-06-2	
1,1-Dichloroethene	<0.50	ug/L	0.50		1		03/19/22 14:06	75-35-4	
cis-1,2-Dichloroethene	<0.50	ug/L	0.50		1		03/19/22 14:06	156-59-2	
trans-1,2-Dichloroethene	<0.50	ug/L	0.50		1		03/19/22 14:06	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	0.50		1		03/19/22 14:06	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	0.50		1		03/19/22 14:06	142-28-9	
2,2-Dichloropropane	<0.50	ug/L	0.50		1		03/19/22 14:06	594-20-7	
1,1-Dichloropropene	<0.50	ug/L	0.50		1		03/19/22 14:06	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	0.50		1		03/19/22 14:06	10061-01-5	
trans-1,3-Dichloropropene	<0.50	ug/L	0.50		1		03/19/22 14:06	10061-02-6	
Ethylbenzene	<0.50	ug/L	0.50		1		03/19/22 14:06	100-41-4	
Hexachloro-1,3-butadiene	<0.50	ug/L	0.50		1		03/19/22 14:06	87-68-3	
Isopropylbenzene (Cumene)	<0.50	ug/L	0.50		1		03/19/22 14:06	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	0.50		1		03/19/22 14:06	99-87-6	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: NYAW-MERRICK OPS FACILITY 3/9
Pace Project No.: 70206803

Sample: WELL 4 N-09338 (INFLUENT) **Lab ID: 70206803004** Collected: 03/09/22 11:05 Received: 03/09/22 13:36 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Melville									
Methylene Chloride	<0.50	ug/L	0.50		1		03/19/22 14:06	75-09-2	
Methyl-tert-butyl ether	<0.50	ug/L	0.50		1		03/19/22 14:06	1634-04-4	
n-Propylbenzene	<0.50	ug/L	0.50		1		03/19/22 14:06	103-65-1	
Styrene	<0.50	ug/L	0.50		1		03/19/22 14:06	100-42-5	
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50		1		03/19/22 14:06	630-20-6	
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50		1		03/19/22 14:06	79-34-5	
Tetrachloroethene	<0.50	ug/L	0.50		1		03/19/22 14:06	127-18-4	
Toluene	<0.50	ug/L	0.50		1		03/19/22 14:06	108-88-3	
Total Trihalomethanes (Calc.)	<0.50	ug/L	0.50		1		03/19/22 14:06		
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 14:06	87-61-6	
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 14:06	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	0.50		1		03/19/22 14:06	71-55-6	
1,1,2-Trichloroethane	<0.50	ug/L	0.50		1		03/19/22 14:06	79-00-5	
Trichloroethene	4.5	ug/L	0.50		1		03/19/22 14:06	79-01-6	
Trichlorofluoromethane	<0.50	ug/L	0.50		1		03/19/22 14:06	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	0.50		1		03/19/22 14:06	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.50	ug/L	0.50		1		03/19/22 14:06	76-13-1	N3
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50		1		03/19/22 14:06	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50		1		03/19/22 14:06	108-67-8	
Vinyl chloride	<0.50	ug/L	0.50		1		03/19/22 14:06	75-01-4	
m&p-Xylene	<0.50	ug/L	0.50		1		03/19/22 14:06	179601-23-1	
o-Xylene	<0.50	ug/L	0.50		1		03/19/22 14:06	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	86	%	70-130		1		03/19/22 14:06	2199-69-1	
4-Bromofluorobenzene (S)	91	%	70-130		1		03/19/22 14:06	460-00-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: NYAW-MERRICK OPS FACILITY 3/9
Pace Project No.: 70206803

QC Batch: 248814 Analysis Method: EPA 524.2
QC Batch Method: EPA 524.2 Analysis Description: 524.2 MSV
Laboratory: Pace Analytical Services - Melville
Associated Lab Samples: 70206803001, 70206803002, 70206803003, 70206803004

METHOD BLANK: 1257111 Matrix: Water
Associated Lab Samples: 70206803001, 70206803002, 70206803003, 70206803004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.50	0.50	03/19/22 04:51	
1,1,1-Trichloroethane	ug/L	<0.50	0.50	03/19/22 04:51	
1,1,2,2-Tetrachloroethane	ug/L	<0.50	0.50	03/19/22 04:51	
1,1,2-Trichloroethane	ug/L	<0.50	0.50	03/19/22 04:51	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.50	0.50	03/19/22 04:51	N3
1,1-Dichloroethane	ug/L	<0.50	0.50	03/19/22 04:51	
1,1-Dichloroethene	ug/L	<0.50	0.50	03/19/22 04:51	
1,1-Dichloropropene	ug/L	<0.50	0.50	03/19/22 04:51	
1,2,3-Trichlorobenzene	ug/L	<0.50	0.50	03/19/22 04:51	
1,2,3-Trichloropropane	ug/L	<0.50	0.50	03/19/22 04:51	
1,2,4-Trichlorobenzene	ug/L	<0.50	0.50	03/19/22 04:51	
1,2,4-Trimethylbenzene	ug/L	<0.50	0.50	03/19/22 04:51	
1,2-Dichlorobenzene	ug/L	<0.50	0.50	03/19/22 04:51	
1,2-Dichloroethane	ug/L	<0.50	0.50	03/19/22 04:51	
1,2-Dichloropropane	ug/L	<0.50	0.50	03/19/22 04:51	
1,3,5-Trimethylbenzene	ug/L	<0.50	0.50	03/19/22 04:51	
1,3-Dichlorobenzene	ug/L	<0.50	0.50	03/19/22 04:51	
1,3-Dichloropropane	ug/L	<0.50	0.50	03/19/22 04:51	
1,4-Dichlorobenzene	ug/L	<0.50	0.50	03/19/22 04:51	
2,2-Dichloropropane	ug/L	<0.50	0.50	03/19/22 04:51	
2-Chlorotoluene	ug/L	<0.50	0.50	03/19/22 04:51	
4-Chlorotoluene	ug/L	<0.50	0.50	03/19/22 04:51	
Benzene	ug/L	<0.50	0.50	03/19/22 04:51	
Bromobenzene	ug/L	<0.50	0.50	03/19/22 04:51	
Bromochloromethane	ug/L	<0.50	0.50	03/19/22 04:51	
Bromodichloromethane	ug/L	<0.50	0.50	03/19/22 04:51	
Bromoform	ug/L	<0.50	0.50	03/19/22 04:51	
Bromomethane	ug/L	<0.50	0.50	03/19/22 04:51	
Carbon tetrachloride	ug/L	<0.50	0.50	03/19/22 04:51	
Chlorobenzene	ug/L	<0.50	0.50	03/19/22 04:51	
Chlorodifluoromethane	ug/L	<0.50	0.50	03/19/22 04:51	N3
Chloroethane	ug/L	<0.50	0.50	03/19/22 04:51	
Chloroform	ug/L	<0.50	0.50	03/19/22 04:51	
Chloromethane	ug/L	<0.50	0.50	03/19/22 04:51	
cis-1,2-Dichloroethene	ug/L	<0.50	0.50	03/19/22 04:51	
cis-1,3-Dichloropropene	ug/L	<0.50	0.50	03/19/22 04:51	
Dibromochloromethane	ug/L	<0.50	0.50	03/19/22 04:51	
Dibromomethane	ug/L	<0.50	0.50	03/19/22 04:51	
Dichlorodifluoromethane	ug/L	<0.50	0.50	03/19/22 04:51	
Ethylbenzene	ug/L	<0.50	0.50	03/19/22 04:51	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: NYAW-MERRICK OPS FACILITY 3/9
Pace Project No.: 70206803

METHOD BLANK: 1257111 Matrix: Water
Associated Lab Samples: 70206803001, 70206803002, 70206803003, 70206803004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<0.50	0.50	03/19/22 04:51	
Isopropylbenzene (Cumene)	ug/L	<0.50	0.50	03/19/22 04:51	
m&p-Xylene	ug/L	<0.50	0.50	03/19/22 04:51	
Methyl-tert-butyl ether	ug/L	<0.50	0.50	03/19/22 04:51	
Methylene Chloride	ug/L	<0.50	0.50	03/19/22 04:51	
n-Butylbenzene	ug/L	<0.50	0.50	03/19/22 04:51	
n-Propylbenzene	ug/L	<0.50	0.50	03/19/22 04:51	
o-Xylene	ug/L	<0.50	0.50	03/19/22 04:51	
p-Isopropyltoluene	ug/L	<0.50	0.50	03/19/22 04:51	
sec-Butylbenzene	ug/L	<0.50	0.50	03/19/22 04:51	
Styrene	ug/L	<0.50	0.50	03/19/22 04:51	
tert-Butylbenzene	ug/L	<0.50	0.50	03/19/22 04:51	
Tetrachloroethene	ug/L	<0.50	0.50	03/19/22 04:51	
Toluene	ug/L	<0.50	0.50	03/19/22 04:51	
Total Trihalomethanes (Calc.)	ug/L	<0.50	0.50	03/19/22 04:51	
trans-1,2-Dichloroethene	ug/L	<0.50	0.50	03/19/22 04:51	
trans-1,3-Dichloropropene	ug/L	<0.50	0.50	03/19/22 04:51	
Trichloroethene	ug/L	<0.50	0.50	03/19/22 04:51	
Trichlorofluoromethane	ug/L	<0.50	0.50	03/19/22 04:51	
Vinyl chloride	ug/L	<0.50	0.50	03/19/22 04:51	
1,2-Dichlorobenzene-d4 (S)	%	89	70-130	03/19/22 04:51	
4-Bromofluorobenzene (S)	%	91	70-130	03/19/22 04:51	

LABORATORY CONTROL SAMPLE: 1257112

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	10	10.0	100	70-130	
1,1,1-Trichloroethane	ug/L	10	10.7	107	70-130	
1,1,2,2-Tetrachloroethane	ug/L	10	10.6	106	70-130	
1,1,2-Trichloroethane	ug/L	10	11.1	111	70-130	
1,1,2-Trichlorotrifluoroethane	ug/L	10	8.2	82	70-130	N3
1,1-Dichloroethane	ug/L	10	10.4	104	70-130	
1,1-Dichloroethene	ug/L	10	8.5	85	70-130	
1,1-Dichloropropene	ug/L	10	10.7	107	70-130	
1,2,3-Trichlorobenzene	ug/L	10	11.0	110	70-130	
1,2,3-Trichloropropane	ug/L	10	10.7	107	70-130	
1,2,4-Trichlorobenzene	ug/L	10	10.7	107	70-130	
1,2,4-Trimethylbenzene	ug/L	10	11.4	114	70-130	
1,2-Dichlorobenzene	ug/L	10	11.1	111	70-130	
1,2-Dichloroethane	ug/L	10	10.7	107	70-130	
1,2-Dichloropropane	ug/L	10	10.4	104	70-130	
1,3,5-Trimethylbenzene	ug/L	10	10.9	109	70-130	
1,3-Dichlorobenzene	ug/L	10	11.5	115	70-130	
1,3-Dichloropropane	ug/L	10	10.4	104	70-130	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: NYAW-MERRICK OPS FACILITY 3/9

Pace Project No.: 70206803

LABORATORY CONTROL SAMPLE: 1257112

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	10	11.9	119	70-130	
2,2-Dichloropropane	ug/L	10	10.6	106	70-130	
2-Chlorotoluene	ug/L	10	10.8	108	70-130	
4-Chlorotoluene	ug/L	10	10.8	108	70-130	
Benzene	ug/L	10	10.6	106	70-130	
Bromobenzene	ug/L	10	10.9	109	70-130	
Bromochloromethane	ug/L	10	10.6	106	70-130	
Bromodichloromethane	ug/L	10	10.4	104	70-130	
Bromoform	ug/L	10	10.2	102	70-130	
Bromomethane	ug/L	10	10	100	70-130	
Carbon tetrachloride	ug/L	10	10.4	104	70-130	
Chlorobenzene	ug/L	10	11.2	112	70-130	
Chlorodifluoromethane	ug/L	10	8.7	87	70-130	N3
Chloroethane	ug/L	10	12.2	122	70-130	
Chloroform	ug/L	10	11.1	111	70-130	
Chloromethane	ug/L	10	13.8	138	70-130	IH,L1
cis-1,2-Dichloroethene	ug/L	10	10.6	106	70-130	
cis-1,3-Dichloropropene	ug/L	10	10.8	108	70-130	
Dibromochloromethane	ug/L	10	10.8	108	70-130	
Dibromomethane	ug/L	10	10.5	105	70-130	
Dichlorodifluoromethane	ug/L	10	11.3	113	70-130	
Ethylbenzene	ug/L	10	11.0	110	70-130	
Hexachloro-1,3-butadiene	ug/L	10	11.4	114	70-130	
Isopropylbenzene (Cumene)	ug/L	10	10.9	109	70-130	
m&p-Xylene	ug/L	20	21.1	106	70-130	
Methyl-tert-butyl ether	ug/L	10	8.5	85	70-130	
Methylene Chloride	ug/L	10	11.4	114	70-130	
n-Butylbenzene	ug/L	10	12.5	125	70-130	
n-Propylbenzene	ug/L	10	11.3	113	70-130	
o-Xylene	ug/L	10	11.0	110	70-130	
p-Isopropyltoluene	ug/L	10	11.4	114	70-130	
sec-Butylbenzene	ug/L	10	11.1	111	70-130	
Styrene	ug/L	10	11.5	115	70-130	
tert-Butylbenzene	ug/L	10	11.0	110	70-130	
Tetrachloroethene	ug/L	10	10.8	108	70-130	
Toluene	ug/L	10	10.6	106	70-130	
Total Trihalomethanes (Calc.)	ug/L		42.6			
trans-1,2-Dichloroethene	ug/L	10	10.7	107	70-130	
trans-1,3-Dichloropropene	ug/L	10	10.7	107	70-130	
Trichloroethene	ug/L	10	10.8	108	70-130	
Trichlorofluoromethane	ug/L	10	12.0	120	70-130	
Vinyl chloride	ug/L	10	11.6	116	70-130	
1,2-Dichlorobenzene-d4 (S)	%			104	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: NYAW-MERRICK OPS FACILITY 3/9

Pace Project No.: 70206803

SAMPLE DUPLICATE: 1257312

Parameter	Units	70206803004 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.50	<0.50		20	
1,1,1-Trichloroethane	ug/L	<0.50	<0.50		20	
1,1,2,2-Tetrachloroethane	ug/L	<0.50	<0.50		20	
1,1,2-Trichloroethane	ug/L	<0.50	<0.50		20	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.50	<0.50		20	N3
1,1-Dichloroethane	ug/L	<0.50	<0.50		20	
1,1-Dichloroethene	ug/L	<0.50	<0.50		20	
1,1-Dichloropropene	ug/L	<0.50	<0.50		20	
1,2,3-Trichlorobenzene	ug/L	<0.50	<0.50		20	
1,2,3-Trichloropropane	ug/L	<0.50	<0.50		20	
1,2,4-Trichlorobenzene	ug/L	<0.50	<0.50		20	
1,2,4-Trimethylbenzene	ug/L	<0.50	<0.50		20	
1,2-Dichlorobenzene	ug/L	<0.50	<0.50		20	
1,2-Dichloroethane	ug/L	<0.50	<0.50		20	
1,2-Dichloropropane	ug/L	<0.50	<0.50		20	
1,3,5-Trimethylbenzene	ug/L	<0.50	<0.50		20	
1,3-Dichlorobenzene	ug/L	<0.50	<0.50		20	
1,3-Dichloropropane	ug/L	<0.50	<0.50		20	
1,4-Dichlorobenzene	ug/L	<0.50	<0.50		20	
2,2-Dichloropropane	ug/L	<0.50	<0.50		20	
2-Chlorotoluene	ug/L	<0.50	<0.50		20	
4-Chlorotoluene	ug/L	<0.50	<0.50		20	
Benzene	ug/L	<0.50	<0.50		20	
Bromobenzene	ug/L	<0.50	<0.50		20	
Bromochloromethane	ug/L	<0.50	<0.50		20	
Bromodichloromethane	ug/L	<0.50	<0.50		20	
Bromoform	ug/L	<0.50	<0.50		20	
Bromomethane	ug/L	<0.50	<0.50		20	
Carbon 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	<0.50	<0.50		20	
Chloromethane	ug/L	<0.50	<0.50		20	
cis-1,2-Dichloroethene	ug/L	<0.50	<0.50		20	
cis-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	
Dichlorodifluoromethane	ug/L	<0.50	<0.50		20	
Ethylbenzene	ug/L	<0.50	<0.50		20	
Hexachloro-1,3-butadiene	ug/L	<0.50	<0.50		20	
Isopropylbenzene (Cumene)	ug/L	<0.50	<0.50		20	
m&p-Xylene	ug/L	<0.50	<0.50		20	
Methyl-tert-butyl ether	ug/L	<0.50	<0.50		20	
Methylene Chloride	ug/L	<0.50	<0.50		20	
n-Butylbenzene	ug/L	<0.50	<0.50		20	
n-Propylbenzene	ug/L	<0.50	<0.50		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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: NYAW-MERRICK OPS FACILITY 3/9

Pace Project No.: 70206803

SAMPLE DUPLICATE: 1257312

Parameter	Units	70206803004 Result	Dup Result	RPD	Max 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	<0.50	<0.50		20	
Toluene	ug/L	<0.50	<0.50		20	
Total Trihalomethanes (Calc.)	ug/L	<0.50	<0.50		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	4.5	4.5	1	20	
Trichlorofluoromethane	ug/L	<0.50	<0.50		20	
Vinyl chloride	ug/L	<0.50	<0.50		20	
1,2-Dichlorobenzene-d4 (S)	%	86	86		20	
4-Bromofluorobenzene (S)	%	91	90		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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: NYAW-MERRICK OPS FACILITY 3/9

Pace Project No.: 70206803

QC Batch:	248007	Analysis Method:	EPA 522
QC Batch Method:	EPA 522	Analysis Description:	522 MSS 1,4 Dioxane
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70206803001, 70206803003, 70206803004

METHOD BLANK: 1253060 Matrix: Drinking Water

Associated Lab Samples: 70206803001, 70206803003, 70206803004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	<0.020	0.020	03/14/22 19:00	
1,4-Dioxane-d8 (S)	%	100	70-130	03/14/22 19:00	

LABORATORY CONTROL SAMPLE: 1253061

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	0.02	0.025	123	70-130	
1,4-Dioxane-d8 (S)	%			99	70-130	

MATRIX SPIKE SAMPLE: 1253062

Parameter	Units	70206682006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	<0.020	0.02	0.029	78	70-130	
1,4-Dioxane-d8 (S)	%				96	70-130	

SAMPLE DUPLICATE: 1253063

Parameter	Units	70206713001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	0.18	0.18	3	30	
1,4-Dioxane-d8 (S)	%	101	99		30	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: NYAW-MERRICK OPS FACILITY 3/9
Pace Project No.: 70206803

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

- | | |
|----|--|
| IH | This analyte exceeded secondary source verification criteria high for the initial calibration. The reported results should be considered an estimated value. |
| L1 | Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high. |
| N3 | Accreditation is not offered by the relevant laboratory accrediting body for this parameter. |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: NYAW-MERRICK OPS FACILITY 3/9
Pace Project No.: 70206803

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70206803001	GAC-3S/4S (SEAMAN NECK GAC EFF)	EPA 522	248007	EPA 522	248015
70206803003	WELL 3A N-14347 (INFLUENT)	EPA 522	248007	EPA 522	248015
70206803004	WELL 4 N-09338 (INFLUENT)	EPA 522	248007	EPA 522	248015
70206803001	GAC-3S/4S (SEAMAN NECK GAC EFF)	EPA 524.2	248814		
70206803002	GAC-3S/4S (SEAMAN NECK GAC EFF)	EPA 524.2	248814		
70206803003	WELL 3A N-14347 (INFLUENT)	EPA 524.2	248814		
70206803004	WELL 4 N-09338 (INFLUENT)	EPA 524.2	248814		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



Sample Condition Upon Receipt

WO#: 70206803
PM: KMM **Due Date: 03/18/22**
CLIENT: KGS

Client Name: KGS

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: _____
 Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No N/A

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Thermometer Used: TH091 Correction Factor: + 0.1

Cooler Temperature(°C): 14.1 Cooler Temperature Corrected(°C): 14.2

Temperature Blank Present: Yes No
 Type of Ice: Wet Blue None

Samples on ice, cooling process has begun
 Date/Time 5035A kits placed in freezer _____

Temp should be above freezing to 6.0°C
 USDA Regulated Soil (N/A, water sample)

Date and Initials of person examining contents: KW 3/9/22

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? Yes No
 Did samples originate from a foreign source including Hawaii and Puerto Rico)? Yes No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

	COMMENTS:	
Chain of Custody Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.	
Chain of Custody Filled Out: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.	
Chain of Custody Relinquished: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.	
Sampler Name & Signature on COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.	
Samples Arrived within Hold Time: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.	
Short Hold Time Analysis (<72hr): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.	
Rush Turn Around Time Requested: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.	
Sufficient Volume: (Triple volume provided for I) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.	
Correct Containers Used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.	
-Pace Containers Used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.	
Containers Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	11. Note if sediment is visible in the dissolved container.	
Filtered volume received for Dissolved tests <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.	
Sample Labels match COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl	
-Includes date/time/ID, Matrix: <u>SL WT OIL</u>	Sample #	
All containers needing preservation have been checked? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Initial when completed: Lot # of added preservative: Date/Time preservative added:	
pH paper Lot # <u>K160347</u>		
All containers needing preservation are found to be in compliance with method recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NaOH>12 Cyanide) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14. Positive for Res. Chlorine? Y N	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis	15. Positive for Sulfide? Y N	
Samples checked for dechlorination: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.	
KI starch test strips Lot #		
Residual chlorine strips Lot #		
SM 4500 CN samples checked for sulfide? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17.	
Lead Acetate Strips Lot #		
Headspace in VOA Vials (>6mm): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Trip Blank Present: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Trip Blank Custody Seals Present: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Pace Trip Blank Lot # (if applicable): _____		

Client Notification/ Resolution: _____ Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

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

ATTACHMENT 2

QUARTERLY MIC ANALYTICAL RESULTS – Q1 2022

March 24, 2022

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

RE: Project: BACT SERIES 3/22
Pace Project No.: 70208197

Dear Robert Gregory:

Enclosed are the analytical results for sample(s) received by the laboratory on March 22, 2022. 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 M. Mack
kimberley.mack@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: BACT SERIES 3/22
Pace Project No.: 70208197

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70208197001	N-14347 (SEAMAN NECK 3 WELL)	Drinking Water	03/22/22 09:20	03/22/22 11:50
70208197002	N-14347 (SEAMAN NECK 3 WELL)	Drinking Water	03/22/22 09:22	03/22/22 11:50
70208197003	N-14347 (SEAMAN NECK 3 WELL)	Drinking Water	03/22/22 09:25	03/22/22 11:50
70208197004	N-14347 (SEAMAN NECK 3 WELL)	Drinking Water	03/22/22 09:30	03/22/22 11:50
70208197005	N-14347 (SEAMAN NECK 3 WELL)	Drinking Water	03/22/22 09:50	03/22/22 11:50
70208197006	N-14347 (SEAMAN NECK 3 WELL)-D	Drinking Water	03/22/22 09:52	03/22/22 11:50
70208197007	GAC-3S/4S-VESSEL#500	Drinking Water	03/22/22 10:00	03/22/22 11:50
70208197008	GAC-3S/4S-VESSEL#500	Drinking Water	03/22/22 10:02	03/22/22 11:50
70208197009	GAC-3S/4S-VESSEL#500	Drinking Water	03/22/22 10:05	03/22/22 11:50
70208197010	GAC-3S/4S-VESSEL#500	Drinking Water	03/22/22 10:10	03/22/22 11:50
70208197011	GAC-3S/4S-VESSEL#500	Drinking Water	03/22/22 10:30	03/22/22 11:50
70208197012	GAC-3S/4S-VESSEL#600	Drinking Water	03/22/22 10:40	03/22/22 11:50
70208197013	GAC-3S/4S-VESSEL#600	Drinking Water	03/22/22 10:42	03/22/22 11:50
70208197014	GAC-3S/4S-VESSEL#600	Drinking Water	03/22/22 10:45	03/22/22 11:50
70208197015	GAC-3S/4S-VESSEL#600	Drinking Water	03/22/22 10:50	03/22/22 11:50
70208197016	GAC-3S/4S-VESSEL#600	Drinking Water	03/22/22 11:10	03/22/22 11:50

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: BACT SERIES 3/22
Pace Project No.: 70208197

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70208197001	N-14347 (SEAMAN NECK 3 WELL)	SM22 9223B Colilert	SDO	2
70208197002	N-14347 (SEAMAN NECK 3 WELL)	SM22 9223B Colilert	SDO	2
70208197003	N-14347 (SEAMAN NECK 3 WELL)	SM22 9223B Colilert	SDO	2
70208197004	N-14347 (SEAMAN NECK 3 WELL)	SM22 9223B Colilert	SDO	2
70208197005	N-14347 (SEAMAN NECK 3 WELL)	SM22 9223B Colilert	SDO	2
70208197006	N-14347 (SEAMAN NECK 3 WELL)-D	SM22 9223B Colilert	SDO	2
70208197007	GAC-3S/4S-VESSEL#500	SM22 9223B Colilert	SDO	2
70208197008	GAC-3S/4S-VESSEL#500	SM22 9223B Colilert	SDO	2
70208197009	GAC-3S/4S-VESSEL#500	SM22 9223B Colilert	SDO	2
70208197010	GAC-3S/4S-VESSEL#500	SM22 9223B Colilert	SDO	2
70208197011	GAC-3S/4S-VESSEL#500	SM22 9223B Colilert	SDO	2
70208197012	GAC-3S/4S-VESSEL#600	SM22 9223B Colilert	SDO	2
70208197013	GAC-3S/4S-VESSEL#600	SM22 9223B Colilert	SDO	2
70208197014	GAC-3S/4S-VESSEL#600	SM22 9223B Colilert	SDO	2
70208197015	GAC-3S/4S-VESSEL#600	SM22 9223B Colilert	SDO	2
70208197016	GAC-3S/4S-VESSEL#600	SM22 9223B Colilert	SDO	2

PACE-MV = Pace Analytical Services - Melville

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: N-14347 (SEAMAN NECK 3 WELL) **Lab ID: 70208197001** Collected: 03/22/22 09:20 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: N-14347 (SEAMAN NECK 3 WELL) **Lab ID: 70208197002** Collected: 03/22/22 09:22 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: N-14347 (SEAMAN NECK 3 WELL) **Lab ID: 70208197003** Collected: 03/22/22 09:25 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: N-14347 (SEAMAN NECK 3 WELL) **Lab ID: 70208197004** Collected: 03/22/22 09:30 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: N-14347 (SEAMAN NECK 3 WELL) **Lab ID: 70208197005** Collected: 03/22/22 09:50 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: N-14347 (SEAMAN NECK 3 WELL)-D **Lab ID: 70208197006** Collected: 03/22/22 09:52 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#500 **Lab ID: 70208197007** Collected: 03/22/22 10:00 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#500 **Lab ID: 70208197008** Collected: 03/22/22 10:02 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#500 **Lab ID: 70208197009** Collected: 03/22/22 10:05 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#500 Lab ID: 70208197010 Collected: 03/22/22 10:10 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#500 **Lab ID: 70208197011** Collected: 03/22/22 10:30 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#600 **Lab ID: 70208197012** Collected: 03/22/22 10:40 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#600 **Lab ID: 70208197013** Collected: 03/22/22 10:42 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#600 **Lab ID: 70208197014** Collected: 03/22/22 10:45 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#600 Lab ID: 70208197015 Collected: 03/22/22 10:50 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#600 Lab ID: 70208197016 Collected: 03/22/22 11:10 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: BACT SERIES 3/22

Pace Project No.: 70208197

QC Batch:	249235	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: 70208197001, 70208197002, 70208197003, 70208197004, 70208197005, 70208197006, 70208197007, 70208197008, 70208197009, 70208197010, 70208197011, 70208197012, 70208197013, 70208197014, 70208197015, 70208197016

METHOD BLANK: 1259461 Matrix: Drinking Water

Associated Lab Samples: 70208197001, 70208197002, 70208197003, 70208197004, 70208197005, 70208197006, 70208197007, 70208197008, 70208197009, 70208197010, 70208197011, 70208197012, 70208197013, 70208197014, 70208197015, 70208197016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
E.coli		Absent		03/23/22 12:50	
Total Coliforms		Absent		03/23/22 12:50	

SAMPLE DUPLICATE: 1259462

Parameter	Units	70208299004 Result	Dup Result	RPD	Max 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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70208197001	N-14347 (SEAMAN NECK 3 WELL)	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421
70208197002	N-14347 (SEAMAN NECK 3 WELL)	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421
70208197003	N-14347 (SEAMAN NECK 3 WELL)	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421
70208197004	N-14347 (SEAMAN NECK 3 WELL)	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421
70208197005	N-14347 (SEAMAN NECK 3 WELL)	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421
70208197006	N-14347 (SEAMAN NECK 3 WELL)-D	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421
70208197007	GAC-3S/4S-VESSEL#500	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421
70208197008	GAC-3S/4S-VESSEL#500	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421
70208197009	GAC-3S/4S-VESSEL#500	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421
70208197010	GAC-3S/4S-VESSEL#500	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421
70208197011	GAC-3S/4S-VESSEL#500	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421
70208197012	GAC-3S/4S-VESSEL#600	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421
70208197013	GAC-3S/4S-VESSEL#600	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421
70208197014	GAC-3S/4S-VESSEL#600	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421
70208197015	GAC-3S/4S-VESSEL#600	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421
70208197016	GAC-3S/4S-VESSEL#600	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: _____ of _____

Section A
Required Client Information:

Section B
Required Project Information:

Section C
Invoice Information:

Company: KOMAN Government Solutions, LLC
 Address: 180 Gordon Dr., Suite 110
 Exton, PA
 Email To: sroy@komangs.com
 Phone: 610-400-0622 Fax: _____
 Requested Due Date/TAT: _____

Report To: Stephane Roy
 Copy To: DOH
 Purchase Order No.: _____
 Project Name: NYAW-MERRICK OPS FACILITY
 Project Number: 02607-004

Attention: Accounts Payable
 Company Name: KOMAN Government Solutions, LLC
 Address: accountspayable@komangs.com
 Pace Quote Reference: 00016758
 Pace Project Manager: Stuart Murrell
 Pace Profile #: _____

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
 UST RCRA OTHER _____

Site Location: _____
 STATE: NY

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	COLLECTED	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analysis Test ↓	Coli/ert (Fecal/Ecoli)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
						Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	N					
1	GAC-3S/4S-Vessel#500-0	DW	G	3-22-22 10:00	1	X										X			
2	GAC-3S/4S-Vessel#500-2	DW	G	3-22-22 10:02	1	X										X			
3	GAC-3S/4S-Vessel#500-5	DW	G	3-22-22 10:05	1	X										X			
4	GAC-3S/4S-Vessel#500-10	DW	G	3-22-22 10:10	1	X										X			
5	GAC-3S/4S-Vessel#500-30	DW	G	3-22-22 10:30	1	X										X			
6																			
7																			
8																			
9																			
10																			
11																			
12																			

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Randy Hoffmaster	3-22-2022		[Signature]	3/22/22	11:50	2.8	W	N	7

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Randy Hoffmaster

SIGNATURE of SAMPLER: [Signature]

DATE Signed (MM/DD/YY): 3-22-2022

Temp in °C: _____
 Received on ice (Y/N): _____
 Custody Sealed Cooler (Y/N): _____
 Samples intact (Y/N): _____

Page 25 of 27



Sample Condition Upon Rec

WO#: 70208197

Client Name:

Proje

PM: KMM

Due Date: 03/29/22

Koman

CLIENT: KGS

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #:

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No N/A

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Thermometer Used: TH091

Correction Factor: + 0.1

Cooler Temperature(°C): 2.7

Cooler Temperature Corrected(°C): 2.8

Temperature Blank Present: Yes No

Type of Ice: Wet Blue None

Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

USDA Regulated Soil (N/A, water sample)

Date and Initials of person examining contents: SAR 3/22/22

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? Yes No

Did samples originate from a foreign source including Hawaii and Puerto Rico? Yes No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

Table with 17 rows and 3 columns. Columns: Question, Yes/No/N/A, and Comments. Includes items like Chain of Custody Present, Containers Intact, and Samples checked for dechlorination.

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

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

March 22, 2022

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

RE: Project: BACT SERIES 3/21
Pace Project No.: 70208111

Dear Robert Gregory:

Enclosed are the analytical results for sample(s) received by the laboratory on March 21, 2022. 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 M. Mack
kimberley.mack@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: BACT SERIES 3/21

Pace Project No.: 70208111

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: BACT SERIES 3/21
Pace Project No.: 70208111

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70208111001	N-09338 (SEAMAN NECK 4 WELL)-0	Drinking Water	03/21/22 10:15	03/21/22 11:31
70208111002	N-09338 (SEAMAN NECK 4 WELL)-2	Drinking Water	03/21/22 10:17	03/21/22 11:31
70208111003	N-09338 (SEAMAN NECK 4 WELL)-5	Drinking Water	03/21/22 10:20	03/21/22 11:31
70208111004	N-09338 (SEAMAN NECK 4 WELL)	Drinking Water	03/21/22 10:25	03/21/22 11:31
70208111005	N-09338 (SEAMAN NECK 4 WELL)	Drinking Water	03/21/22 10:45	03/21/22 11:31
70208111006	N-09338 (SEAMAN NECK 4 WELL)-D	Drinking Water	03/21/22 10:47	03/21/22 11:31
70208111007	GAC-3S/4S-VESSEL#100-0	Drinking Water	03/21/22 08:30	03/21/22 11:31
70208111008	GAC-3S/4S-VESSEL#100-2	Drinking Water	03/21/22 08:32	03/21/22 11:31
70208111009	GAC-3S/4S-VESSEL#100-5	Drinking Water	03/21/22 08:35	03/21/22 11:31
70208111010	GAC-3S/4S-VESSEL#100-10	Drinking Water	03/21/22 08:40	03/21/22 11:31
70208111011	GAC-3S/4S-VESSEL#100-30	Drinking Water	03/21/22 09:00	03/21/22 11:31
70208111012	GAC-3S/4S-VESSEL#200-0	Drinking Water	03/21/22 09:15	03/21/22 11:31
70208111013	GAC-3S/4S-VESSEL#200-2	Drinking Water	03/21/22 09:17	03/21/22 11:31
70208111014	GAC-3S/4S-VESSEL#200-5	Drinking Water	03/21/22 09:20	03/21/22 11:31
70208111015	GAC-3S/4S-VESSEL#200-10	Drinking Water	03/21/22 09:25	03/21/22 11:31
70208111016	GAC-3S/4S-VESSEL#200-30	Drinking Water	03/21/22 09:45	03/21/22 11:31

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: BACT SERIES 3/21
Pace Project No.: 70208111

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70208111001	N-09338 (SEAMAN NECK 4 WELL)-0	SM22 9223B Colilert	SDO	2
70208111002	N-09338 (SEAMAN NECK 4 WELL)-2	SM22 9223B Colilert	SDO	2
70208111003	N-09338 (SEAMAN NECK 4 WELL)-5	SM22 9223B Colilert	SDO	2
70208111004	N-09338 (SEAMAN NECK 4 WELL)	SM22 9223B Colilert	SDO	2
70208111005	N-09338 (SEAMAN NECK 4 WELL)	SM22 9223B Colilert	SDO	2
70208111006	N-09338 (SEAMAN NECK 4 WELL)-D	SM22 9223B Colilert	SDO	2
70208111007	GAC-3S/4S-VESSEL#100-0	SM22 9223B Colilert	SDO	2
70208111008	GAC-3S/4S-VESSEL#100-2	SM22 9223B Colilert	SDO	2
70208111009	GAC-3S/4S-VESSEL#100-5	SM22 9223B Colilert	SDO	2
70208111010	GAC-3S/4S-VESSEL#100-10	SM22 9223B Colilert	SDO	2
70208111011	GAC-3S/4S-VESSEL#100-30	SM22 9223B Colilert	SDO	2
70208111012	GAC-3S/4S-VESSEL#200-0	SM22 9223B Colilert	SDO	2
70208111013	GAC-3S/4S-VESSEL#200-2	SM22 9223B Colilert	SDO	2
70208111014	GAC-3S/4S-VESSEL#200-5	SM22 9223B Colilert	SDO	2
70208111015	GAC-3S/4S-VESSEL#200-10	SM22 9223B Colilert	SDO	2
70208111016	GAC-3S/4S-VESSEL#200-30	SM22 9223B Colilert	SDO	2

PACE-MV = Pace Analytical Services - Melville

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: N-09338 (SEAMAN NECK 4 WELL)-0 **Lab ID: 70208111001** Collected: 03/21/22 10:15 Received: 03/21/22 11:31 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	Absent				1	03/21/22 17:55	03/22/22 11:55		
E.coli	Absent				1	03/21/22 17:55	03/22/22 11:55		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: N-09338 (SEAMAN NECK 4 WELL)-2 **Lab ID: 70208111002** Collected: 03/21/22 10:17 Received: 03/21/22 11:31 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	Absent				1	03/21/22 17:55	03/22/22 11:55		
E.coli	Absent				1	03/21/22 17:55	03/22/22 11:55		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: N-09338 (SEAMAN NECK 4 WELL)-5 **Lab ID: 70208111003** Collected: 03/21/22 10:20 Received: 03/21/22 11:31 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	Absent				1	03/21/22 17:55	03/22/22 11:55		
E.coli	Absent				1	03/21/22 17:55	03/22/22 11:55		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: N-09338 (SEAMAN NECK 4 WELL) **Lab ID: 70208111004** Collected: 03/21/22 10:25 Received: 03/21/22 11:31 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	Absent				1	03/21/22 17:55	03/22/22 11:55		
E.coli	Absent				1	03/21/22 17:55	03/22/22 11:55		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: N-09338 (SEAMAN NECK 4 WELL) **Lab ID: 70208111005** Collected: 03/21/22 10:45 Received: 03/21/22 11:31 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	Absent				1	03/21/22 17:55	03/22/22 11:55		
E.coli	Absent				1	03/21/22 17:55	03/22/22 11:55		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: N-09338 (SEAMAN NECK 4 WELL)-D **Lab ID: 70208111006** Collected: 03/21/22 10:47 Received: 03/21/22 11:31 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	Absent				1	03/21/22 17:55	03/22/22 11:55		
E.coli	Absent				1	03/21/22 17:55	03/22/22 11:55		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/21
Pace Project No.: 70208111

Sample: GAC-3S/4S-VESSEL#100-0 **Lab ID: 70208111007** Collected: 03/21/22 08:30 Received: 03/21/22 11:31 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	Absent				1	03/21/22 17:55	03/22/22 11:55		
E.coli	Absent				1	03/21/22 17:55	03/22/22 11:55		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: GAC-3S/4S-VESSEL#100-2 **Lab ID: 70208111008** Collected: 03/21/22 08:32 Received: 03/21/22 11:31 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	Absent				1	03/21/22 17:55	03/22/22 11:55		
E.coli	Absent				1	03/21/22 17:55	03/22/22 11:55		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: GAC-3S/4S-VESSEL#100-5 **Lab ID: 70208111009** Collected: 03/21/22 08:35 Received: 03/21/22 11:31 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	Absent				1	03/21/22 17:55	03/22/22 11:55		
E.coli	Absent				1	03/21/22 17:55	03/22/22 11:55		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: GAC-3S/4S-VESSEL#100-10 **Lab ID:** 70208111010 Collected: 03/21/22 08:40 Received: 03/21/22 11:31 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	Absent				1	03/21/22 17:55	03/22/22 11:55		
E.coli	Absent				1	03/21/22 17:55	03/22/22 11:55		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: GAC-3S/4S-VESSEL#100-30 **Lab ID:** 70208111011 Collected: 03/21/22 09:00 Received: 03/21/22 11:31 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	Absent				1	03/21/22 17:55	03/22/22 11:55		
E.coli	Absent				1	03/21/22 17:55	03/22/22 11:55		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: GAC-3S/4S-VESSEL#200-0 **Lab ID: 70208111012** Collected: 03/21/22 09:15 Received: 03/21/22 11:31 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	Absent				1	03/21/22 17:55	03/22/22 11:55		
E.coli	Absent				1	03/21/22 17:55	03/22/22 11:55		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: GAC-3S/4S-VESSEL#200-2 **Lab ID: 70208111013** Collected: 03/21/22 09:17 Received: 03/21/22 11:31 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	Absent				1	03/21/22 17:55	03/22/22 11:55		
E.coli	Absent				1	03/21/22 17:55	03/22/22 11:55		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: GAC-3S/4S-VESSEL#200-5 Lab ID: 70208111014 Collected: 03/21/22 09:20 Received: 03/21/22 11:31 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	Absent				1	03/21/22 17:55	03/22/22 11:55		
E.coli	Absent				1	03/21/22 17:55	03/22/22 11:55		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: GAC-3S/4S-VESSEL#200-10 **Lab ID:** 70208111015 Collected: 03/21/22 09:25 Received: 03/21/22 11:31 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	Absent				1	03/21/22 17:55	03/22/22 11:55		
E.coli	Absent				1	03/21/22 17:55	03/22/22 11:55		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: GAC-3S/4S-VESSEL#200-30 **Lab ID:** 70208111016 Collected: 03/21/22 09:45 Received: 03/21/22 11:31 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	Absent				1	03/21/22 17:55	03/22/22 11:55		
E.coli	Absent				1	03/21/22 17:55	03/22/22 11:55		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: BACT SERIES 3/21

Pace Project No.: 70208111

QC Batch: 249075

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: 70208111001, 70208111002, 70208111003, 70208111004, 70208111005, 70208111006, 70208111007, 70208111008, 70208111009, 70208111010, 70208111011, 70208111012, 70208111013, 70208111014, 70208111015, 70208111016

METHOD BLANK: 1258551

Matrix: Drinking Water

Associated Lab Samples: 70208111001, 70208111002, 70208111003, 70208111004, 70208111005, 70208111006, 70208111007, 70208111008, 70208111009, 70208111010, 70208111011, 70208111012, 70208111013, 70208111014, 70208111015, 70208111016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
E.coli		Absent		03/22/22 11:55	
Total Coliforms		Absent		03/22/22 11:55	

SAMPLE DUPLICATE: 1258552

Parameter	Units	70208118001 Result	Dup Result	RPD	Max 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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: BACT SERIES 3/21

Pace Project No.: 70208111

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BACT SERIES 3/21

Pace Project No.: 70208111

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70208111001	N-09338 (SEAMAN NECK 4 WELL)-0	SM22 9223B Colilert	249075	SM22 9223B Colilert	249108
70208111002	N-09338 (SEAMAN NECK 4 WELL)-2	SM22 9223B Colilert	249075	SM22 9223B Colilert	249108
70208111003	N-09338 (SEAMAN NECK 4 WELL)-5	SM22 9223B Colilert	249075	SM22 9223B Colilert	249108
70208111004	N-09338 (SEAMAN NECK 4 WELL)	SM22 9223B Colilert	249075	SM22 9223B Colilert	249108
70208111005	N-09338 (SEAMAN NECK 4 WELL)	SM22 9223B Colilert	249075	SM22 9223B Colilert	249108
70208111006	N-09338 (SEAMAN NECK 4 WELL)-D	SM22 9223B Colilert	249075	SM22 9223B Colilert	249108
70208111007	GAC-3S/4S-VESSEL#100-0	SM22 9223B Colilert	249075	SM22 9223B Colilert	249108
70208111008	GAC-3S/4S-VESSEL#100-2	SM22 9223B Colilert	249075	SM22 9223B Colilert	249108
70208111009	GAC-3S/4S-VESSEL#100-5	SM22 9223B Colilert	249075	SM22 9223B Colilert	249108
70208111010	GAC-3S/4S-VESSEL#100-10	SM22 9223B Colilert	249075	SM22 9223B Colilert	249108
70208111011	GAC-3S/4S-VESSEL#100-30	SM22 9223B Colilert	249075	SM22 9223B Colilert	249108
70208111012	GAC-3S/4S-VESSEL#200-0	SM22 9223B Colilert	249075	SM22 9223B Colilert	249108
70208111013	GAC-3S/4S-VESSEL#200-2	SM22 9223B Colilert	249075	SM22 9223B Colilert	249108
70208111014	GAC-3S/4S-VESSEL#200-5	SM22 9223B Colilert	249075	SM22 9223B Colilert	249108
70208111015	GAC-3S/4S-VESSEL#200-10	SM22 9223B Colilert	249075	SM22 9223B Colilert	249108
70208111016	GAC-3S/4S-VESSEL#200-30	SM22 9223B Colilert	249075	SM22 9223B Colilert	249108

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



WO#: 70208111



70208111

REGULATORY AGENCY / Analytical Request Document

This document is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A
Required Client Information:

Company: KOMAN Government Solutions, LLC	Report To: Stephane Roy
Address: 180 Gordon Dr., Suite 110 Exton, PA	Copy To: DOH
Email To: sroy@komangs.com	Purchase Order No.:
Phone: 610-400-0622	Fax:
Requested Due Date/TAT:	Project Name: NYAW-MERRICK OPS FACILITY
	Project Number: 02607-004

Section C

Invoice Information:

Attention: Accounts Payable
Company Name: KOMAN Government Solutions, LLC
Address: accountspayable@komangs.com
Pace Quote Reference: 00016758
Pace Project Manager: Stuart Murrell
Pace Profile #:

Page: _____ of _____

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
 UST RCRA OTHER _____

Site Location: _____
STATE: NY

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	COLLECTED COMPOSITE START / COMPOSITE END/GRAB	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analysis Test ↓ Colilert (Fecal/Ecoli)	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.		
						DATE		TIME		Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃					Methanol	Other
						DATE	TIME	DATE	TIME												
1	N-09338 (Seaman Neck 4 Well)-0	DW G	3-21-22 10:15	1 X																	
2	N-09338 (Seaman Neck 4 Well)-2	DW G	3-21-22 10:17	1 X																	
3	N-09338 (Seaman Neck 4 Well)-5	DW G	3-21-22 10:20	1 X																	
4	N-09338 (Seaman Neck 4 Well)-10	DW G	3-21-22 10:25	1 X																	
5	N-09338 (Seaman Neck 4 Well)-30	DW G	3-21-22 10:45	1 X																	
6	N-09338 (Seaman Neck 4 Well)-30-D	DW G	3-21-22 10:47	1 X																	
7																					
8																					
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	<i>Randy Hoffmaster</i>	3-21-22		<i>Stuart Murrell</i>	3/24/22	11:31	22	W	Y	Y

SAMPLER NAME AND SIGNATURE	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	PRINT Name of SAMPLER: Randy Hoffmaster			
	SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY):	



Sample Condition Upon Receipt

WO#: 70208111

Client Name:

Project

PM: KMM

Due Date: 03/28/22

Koman

CLIENT: KGS

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #:

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No N/A

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Thermometer Used: TH091

Correction Factor: + 0.1

Temperature Blank Present: Yes No

Type of Ice: Wet Blue None

Cooler Temperature(°C): 2.1

Cooler Temperature Corrected(°C): 2.2

Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

USDA Regulated Soil (N/A, water sample)

Date and Initials of person examining contents: SAR/3/21/22

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? Yes No

Did samples originate from a foreign source including Hawaii and Puerto Rico? Yes No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

	COMMENTS:
Chain of Custody Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name & Signature on COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72hr): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	6.
Rush Turn Around Time Requested: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume: (Triple volume provided for I) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Containers Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.
-Includes date/time/ID, Matrix: SL <input checked="" type="checkbox"/> WT <input type="checkbox"/> OIL	
All containers needing preservation have been checked? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
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, <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
NAOH>12 Cyanide)	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water).	
Per Method, VOA pH is checked after analysis	Initial when completed: _____ Lot # of added preservative: _____ Date/Time preservative added: _____
Samples checked for dechlorination: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14. Positive for Res. Chlorine? Y N
KI starch test strips Lot #	
Residual chlorine strips Lot #	
SM 4500 CN samples checked for sulfide? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15. Positive for Sulfide? Y N
Lead Acetate Strips Lot #	
Headspace in VOA Vials (>6mm): <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Trip Blank Present: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17.
Trip Blank Custody Seals Present: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if applicable): _____	

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted:

Date/Time: _____

Comments/ Resolution: _____

March 24, 2022

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

RE: Project: BACT SERIES 3/22
Pace Project No.: 70208197

Dear Robert Gregory:

Enclosed are the analytical results for sample(s) received by the laboratory on March 22, 2022. 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 M. Mack
kimberley.mack@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: BACT SERIES 3/22
Pace Project No.: 70208197

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70208197001	N-14347 (SEAMAN NECK 3 WELL)	Drinking Water	03/22/22 09:20	03/22/22 11:50
70208197002	N-14347 (SEAMAN NECK 3 WELL)	Drinking Water	03/22/22 09:22	03/22/22 11:50
70208197003	N-14347 (SEAMAN NECK 3 WELL)	Drinking Water	03/22/22 09:25	03/22/22 11:50
70208197004	N-14347 (SEAMAN NECK 3 WELL)	Drinking Water	03/22/22 09:30	03/22/22 11:50
70208197005	N-14347 (SEAMAN NECK 3 WELL)	Drinking Water	03/22/22 09:50	03/22/22 11:50
70208197006	N-14347 (SEAMAN NECK 3 WELL)-D	Drinking Water	03/22/22 09:52	03/22/22 11:50
70208197007	GAC-3S/4S-VESSEL#500	Drinking Water	03/22/22 10:00	03/22/22 11:50
70208197008	GAC-3S/4S-VESSEL#500	Drinking Water	03/22/22 10:02	03/22/22 11:50
70208197009	GAC-3S/4S-VESSEL#500	Drinking Water	03/22/22 10:05	03/22/22 11:50
70208197010	GAC-3S/4S-VESSEL#500	Drinking Water	03/22/22 10:10	03/22/22 11:50
70208197011	GAC-3S/4S-VESSEL#500	Drinking Water	03/22/22 10:30	03/22/22 11:50
70208197012	GAC-3S/4S-VESSEL#600	Drinking Water	03/22/22 10:40	03/22/22 11:50
70208197013	GAC-3S/4S-VESSEL#600	Drinking Water	03/22/22 10:42	03/22/22 11:50
70208197014	GAC-3S/4S-VESSEL#600	Drinking Water	03/22/22 10:45	03/22/22 11:50
70208197015	GAC-3S/4S-VESSEL#600	Drinking Water	03/22/22 10:50	03/22/22 11:50
70208197016	GAC-3S/4S-VESSEL#600	Drinking Water	03/22/22 11:10	03/22/22 11:50

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: BACT SERIES 3/22
Pace Project No.: 70208197

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70208197001	N-14347 (SEAMAN NECK 3 WELL)	SM22 9223B Colilert	SDO	2
70208197002	N-14347 (SEAMAN NECK 3 WELL)	SM22 9223B Colilert	SDO	2
70208197003	N-14347 (SEAMAN NECK 3 WELL)	SM22 9223B Colilert	SDO	2
70208197004	N-14347 (SEAMAN NECK 3 WELL)	SM22 9223B Colilert	SDO	2
70208197005	N-14347 (SEAMAN NECK 3 WELL)	SM22 9223B Colilert	SDO	2
70208197006	N-14347 (SEAMAN NECK 3 WELL)-D	SM22 9223B Colilert	SDO	2
70208197007	GAC-3S/4S-VESSEL#500	SM22 9223B Colilert	SDO	2
70208197008	GAC-3S/4S-VESSEL#500	SM22 9223B Colilert	SDO	2
70208197009	GAC-3S/4S-VESSEL#500	SM22 9223B Colilert	SDO	2
70208197010	GAC-3S/4S-VESSEL#500	SM22 9223B Colilert	SDO	2
70208197011	GAC-3S/4S-VESSEL#500	SM22 9223B Colilert	SDO	2
70208197012	GAC-3S/4S-VESSEL#600	SM22 9223B Colilert	SDO	2
70208197013	GAC-3S/4S-VESSEL#600	SM22 9223B Colilert	SDO	2
70208197014	GAC-3S/4S-VESSEL#600	SM22 9223B Colilert	SDO	2
70208197015	GAC-3S/4S-VESSEL#600	SM22 9223B Colilert	SDO	2
70208197016	GAC-3S/4S-VESSEL#600	SM22 9223B Colilert	SDO	2

PACE-MV = Pace Analytical Services - Melville

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: N-14347 (SEAMAN NECK 3 WELL) **Lab ID: 70208197001** Collected: 03/22/22 09:20 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: N-14347 (SEAMAN NECK 3 WELL) **Lab ID: 70208197002** Collected: 03/22/22 09:22 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: N-14347 (SEAMAN NECK 3 WELL) **Lab ID: 70208197003** Collected: 03/22/22 09:25 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: N-14347 (SEAMAN NECK 3 WELL) **Lab ID: 70208197004** Collected: 03/22/22 09:30 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: N-14347 (SEAMAN NECK 3 WELL) **Lab ID: 70208197005** Collected: 03/22/22 09:50 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: N-14347 (SEAMAN NECK 3 WELL)-D **Lab ID: 70208197006** Collected: 03/22/22 09:52 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#500 **Lab ID: 70208197007** Collected: 03/22/22 10:00 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#500 **Lab ID: 70208197008** Collected: 03/22/22 10:02 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#500 **Lab ID: 70208197009** Collected: 03/22/22 10:05 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#500 **Lab ID: 70208197010** Collected: 03/22/22 10:10 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#500 **Lab ID: 70208197011** Collected: 03/22/22 10:30 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#600 **Lab ID: 70208197012** Collected: 03/22/22 10:40 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#600 **Lab ID: 70208197013** Collected: 03/22/22 10:42 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#600 Lab ID: 70208197014 Collected: 03/22/22 10:45 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#600 **Lab ID: 70208197015** Collected: 03/22/22 10:50 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#600 **Lab ID: 70208197016** Collected: 03/22/22 11:10 Received: 03/22/22 11:50 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	Absent				1	03/22/22 18:50	03/23/22 12:50		
E.coli	Absent				1	03/22/22 18:50	03/23/22 12:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: BACT SERIES 3/22
Pace Project No.: 70208197

QC Batch:	249235	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: 70208197001, 70208197002, 70208197003, 70208197004, 70208197005, 70208197006, 70208197007, 70208197008, 70208197009, 70208197010, 70208197011, 70208197012, 70208197013, 70208197014, 70208197015, 70208197016

METHOD BLANK: 1259461 Matrix: Drinking Water

Associated Lab Samples: 70208197001, 70208197002, 70208197003, 70208197004, 70208197005, 70208197006, 70208197007, 70208197008, 70208197009, 70208197010, 70208197011, 70208197012, 70208197013, 70208197014, 70208197015, 70208197016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
E.coli		Absent		03/23/22 12:50	
Total Coliforms		Absent		03/23/22 12:50	

SAMPLE DUPLICATE: 1259462

Parameter	Units	70208299004 Result	Dup Result	RPD	Max 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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: BACT SERIES 3/22

Pace Project No.: 70208197

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BACT SERIES 3/22

Pace Project No.: 70208197

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70208197001	N-14347 (SEAMAN NECK 3 WELL)	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421
70208197002	N-14347 (SEAMAN NECK 3 WELL)	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421
70208197003	N-14347 (SEAMAN NECK 3 WELL)	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421
70208197004	N-14347 (SEAMAN NECK 3 WELL)	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421
70208197005	N-14347 (SEAMAN NECK 3 WELL)	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421
70208197006	N-14347 (SEAMAN NECK 3 WELL)-D	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421
70208197007	GAC-3S/4S-VESSEL#500	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421
70208197008	GAC-3S/4S-VESSEL#500	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421
70208197009	GAC-3S/4S-VESSEL#500	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421
70208197010	GAC-3S/4S-VESSEL#500	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421
70208197011	GAC-3S/4S-VESSEL#500	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421
70208197012	GAC-3S/4S-VESSEL#600	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421
70208197013	GAC-3S/4S-VESSEL#600	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421
70208197014	GAC-3S/4S-VESSEL#600	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421
70208197015	GAC-3S/4S-VESSEL#600	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421
70208197016	GAC-3S/4S-VESSEL#600	SM22 9223B Colilert	249235	SM22 9223B Colilert	249421

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



CHAIN-OF-CUSTODY
The Chain-of-Custody is a LEGAL DOCUMENT

WO#: 70208197



70208197

Section A		Section B		Section C	
Required Client Information:		Required Project Information:		Invoice Information:	
Company:	KOMAN Government Solutions, LLC	Report To:	Robert Gregory	Attention:	Accounts Payable
Address:	180 Gordon Dr., Suite 110 Exton, PA	Copy To:	NCDOH	Company Name:	KOMAN Government Solutions, LLC
Email:	R.Gregory@komanqs.com	Purchase Order #:	02607-204	Address:	accounts payable@komanqs.com
Phone:	(610) 400-0636 Fax	Project Name:	NYAW-MERRICK OPS FACILITY	Pace Quote:	
Requested Due Date:		Project #:	02607-204	Pace Project Manager:	Kimberley.Mack@Pacelabs.com
				Pace Profile #:	

Page: 1 Of 1

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique	MATRIX CODE Drinking Water DWD Water WTD Waste Water WWD Product PD Soil Solid SLD OIL OLD Wipe WPD Air ARD Other OTD Tissue TS	CODED	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Y/N	Analyses Test Coliform (Fecal/Ecoli)	Residual Chlorine (Y/N)	Requested Analysis Filtered (Y/N)
						START		END				Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other				
						DATE	TIME	DATE	TIME														
1	N-14347 (Seaman Neck 3 Well)-0	DW	G		G			3/22/22	9:20	1	X									X			
2	N-14347 (Seaman Neck 3 Well)-2	DW	G		G			3/22/22	9:22	1	X									X			
3	N-14347 (Seaman Neck 3 Well)-5	DW	G		G			3/22/22	9:25	1	X									X			
4	N-14347 (Seaman Neck 3 Well)-10	DW	G		G			3/22/22	9:30	1	X									X			
5	N-14347 (Seaman Neck 3 Well)-30	DW	G		G			3/22/22	9:50	1	X									X			
6	N-14347 (Seaman Neck 3 Well)-30D	DW	G		G			3/22/22	9:52	1	X									X			
7																							
8																							
9																							
10																							
11																							
12																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	<i>Randy Hoffmaster</i>	3/22/22		<i>[Signature]</i>	3/22/22	11:50	2.8 w N Y

SAMPLER NAME AND SIGNATURE		TEMP in C	Received on file (Y/N)	Custody Sealed (Y/N)	Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Randy Hoffmaster						
SIGNATURE of SAMPLER: <i>Randy Hoffmaster</i>						
DATE Signed: 3/22/2022						



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: _____ of _____

Section A
Required Client Information:

Section B
Required Project Information:

Section C
Invoice Information:

Company: KOMAN Government Solutions, LLC
 Address: 180 Gordon Dr., Suite 110
 Exton, PA
 Email To: sroy@komangs.com
 Phone: 610-400-0622 Fax: _____
 Requested Due Date/TAT: _____

Report To: Stephane Roy
 Copy To: DOH
 Purchase Order No.: _____
 Project Name: NYAW-MERRICK OPS FACILITY
 Project Number: 02607-004

Attention: Accounts Payable
 Company Name: KOMAN Government Solutions, LLC
 Address: accountspayable@komangs.com
 Pace Quote Reference: 00016758
 Pace Project Manager: Stuart Murrell
 Pace Profile #: _____

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
 UST RCRA OTHER _____

Site Location: _____
 STATE: NY

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	COLLECTED	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analysis Test ↓	Coli/ert (Fecal/Ecoli)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
						Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	N					
1	GAC-3S/4S-Vessel#500-0	DW	G	3-22-22 10:00	1	X										X			
2	GAC-3S/4S-Vessel#500-2	DW	G	3-22-22 10:02	1	X										X			
3	GAC-3S/4S-Vessel#500-5	DW	G	3-22-22 10:05	1	X										X			
4	GAC-3S/4S-Vessel#500-10	DW	G	3-22-22 10:10	1	X										X			
5	GAC-3S/4S-Vessel#500-30	DW	G	3-22-22 10:30	1	X										X			
6																			
7																			
8																			
9																			
10																			
11																			
12																			

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Randy Hoffmaster	3-22-2022		[Signature]	3/22/22	11:50	2.8	W	N	7

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Randy Hoffmaster

SIGNATURE of SAMPLER: [Signature]

DATE Signed (MM/DD/YY): 3-22-2022

Temp in °C: _____
 Received on ice (Y/N): _____
 Custody Sealed Cooler (Y/N): _____
 Samples intact (Y/N): _____

Page 25 of 27



Sample Condition Upon Rec

WO#: 70208197

Client Name:

Proje

PM: KMM

Due Date: 03/29/22

Koman

CLIENT: KGS

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #:

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No N/A

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Thermometer Used: TH091

Correction Factor: + 0.1

Cooler Temperature(°C): 2.7

Cooler Temperature Corrected(°C): 2.8

Temperature Blank Present: Yes No

Type of Ice: Wet Blue None

Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

USDA Regulated Soil (N/A, water sample)

Date and Initials of person examining contents: SAR 3/22/22

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? Yes No

Did samples originate from a foreign source including Hawaii and Puerto Rico? Yes No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

Table with 17 rows and 3 columns. Columns: Question, Yes/No/N/A, and Comments. Includes items like Chain of Custody Present, Containers Intact, and Samples checked for dechlorination.

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

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

March 24, 2022

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

RE: Project: BACT SERIES 3/23
Pace Project No.: 70208373

Dear Robert Gregory:

Enclosed are the analytical results for sample(s) received by the laboratory on March 23, 2022. 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

Samples were received on the same day of collection on ice and are above 6 degrees Celcius. Samples were placed on ice by the lab and the cooling process has begun.

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

Sincerely,



Kimberley M. Mack
kimberley.mack@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: BACT SERIES 3/23

Pace Project No.: 70208373

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: BACT SERIES 3/23

Pace Project No.: 70208373

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70208373001	GAC-3S/4S-VESSEL#300	Drinking Water	03/23/22 10:15	03/23/22 11:45
70208373002	GAC-3S/4S-VESSEL#300	Drinking Water	03/23/22 10:17	03/23/22 11:45
70208373003	GAC-3S/4S-VESSEL#300	Drinking Water	03/23/22 10:20	03/23/22 11:45
70208373004	GAC-3S/4S-VESSEL#300	Drinking Water	03/23/22 10:25	03/23/22 11:45
70208373005	GAC-3S/4S-VESSEL#300	Drinking Water	03/23/22 10:45	03/23/22 11:45
70208373006	GAC-3S/4S-VESSEL#400	Drinking Water	03/23/22 10:50	03/23/22 11:45
70208373007	GAC-3S/4S-VESSEL#400	Drinking Water	03/23/22 10:52	03/23/22 11:45
70208373008	GAC-3S/4S-VESSEL#400	Drinking Water	03/23/22 10:55	03/23/22 11:45
70208373009	GAC-3S/4S-VESSEL#400	Drinking Water	03/23/22 11:00	03/23/22 11:45
70208373010	GAC-3S/4S-VESSEL#400	Drinking Water	03/23/22 11:20	03/23/22 11:45

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: BACT SERIES 3/23

Pace Project No.: 70208373

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70208373001	GAC-3S/4S-VESSEL#300	SM22 9223B Colilert	SDO	2
70208373002	GAC-3S/4S-VESSEL#300	SM22 9223B Colilert	SDO	2
70208373003	GAC-3S/4S-VESSEL#300	SM22 9223B Colilert	SDO	2
70208373004	GAC-3S/4S-VESSEL#300	SM22 9223B Colilert	SDO	2
70208373005	GAC-3S/4S-VESSEL#300	SM22 9223B Colilert	SDO	2
70208373006	GAC-3S/4S-VESSEL#400	SM22 9223B Colilert	SDO	2
70208373007	GAC-3S/4S-VESSEL#400	SM22 9223B Colilert	SDO	2
70208373008	GAC-3S/4S-VESSEL#400	SM22 9223B Colilert	SDO	2
70208373009	GAC-3S/4S-VESSEL#400	SM22 9223B Colilert	SDO	2
70208373010	GAC-3S/4S-VESSEL#400	SM22 9223B Colilert	SDO	2

PACE-MV = Pace Analytical Services - Melville

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/23

Pace Project No.: 70208373

Sample: GAC-3S/4S-VESSEL#300 **Lab ID: 70208373001** Collected: 03/23/22 10:15 Received: 03/23/22 11:45 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	Absent				1	03/23/22 18:28	03/24/22 12:28		
E.coli	Absent				1	03/23/22 18:28	03/24/22 12:28		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/23

Pace Project No.: 70208373

Sample: GAC-3S/4S-VESSEL#300 Lab ID: 70208373002 Collected: 03/23/22 10:17 Received: 03/23/22 11:45 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	Absent				1	03/23/22 18:28	03/24/22 12:28		
E.coli	Absent				1	03/23/22 18:28	03/24/22 12:28		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/23

Pace Project No.: 70208373

Sample: GAC-3S/4S-VESSEL#300 **Lab ID: 70208373003** Collected: 03/23/22 10:20 Received: 03/23/22 11:45 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	Absent				1	03/23/22 18:28	03/24/22 12:28		
E.coli	Absent				1	03/23/22 18:28	03/24/22 12:28		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/23

Pace Project No.: 70208373

Sample: GAC-3S/4S-VESSEL#300 Lab ID: 70208373004 Collected: 03/23/22 10:25 Received: 03/23/22 11:45 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	Absent				1	03/23/22 18:28	03/24/22 12:28		
E.coli	Absent				1	03/23/22 18:28	03/24/22 12:28		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/23

Pace Project No.: 70208373

Sample: GAC-3S/4S-VESSEL#300 Lab ID: 70208373005 Collected: 03/23/22 10:45 Received: 03/23/22 11:45 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	Absent				1	03/23/22 18:28	03/24/22 12:28		
E.coli	Absent				1	03/23/22 18:28	03/24/22 12:28		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/23

Pace Project No.: 70208373

Sample: GAC-3S/4S-VESSEL#400 **Lab ID: 70208373006** Collected: 03/23/22 10:50 Received: 03/23/22 11:45 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	Absent				1	03/23/22 18:28	03/24/22 12:28		
E.coli	Absent				1	03/23/22 18:28	03/24/22 12:28		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/23

Pace Project No.: 70208373

Sample: GAC-3S/4S-VESSEL#400 **Lab ID: 70208373007** Collected: 03/23/22 10:52 Received: 03/23/22 11:45 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	Absent				1	03/23/22 18:28	03/24/22 12:28		
E.coli	Absent				1	03/23/22 18:28	03/24/22 12:28		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/23

Pace Project No.: 70208373

Sample: GAC-3S/4S-VESSEL#400 **Lab ID: 70208373008** Collected: 03/23/22 10:55 Received: 03/23/22 11:45 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	Absent				1	03/23/22 18:28	03/24/22 12:28		
E.coli	Absent				1	03/23/22 18:28	03/24/22 12:28		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/23

Pace Project No.: 70208373

Sample: GAC-3S/4S-VESSEL#400 **Lab ID: 70208373009** Collected: 03/23/22 11:00 Received: 03/23/22 11:45 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	Absent				1	03/23/22 18:28	03/24/22 12:28		
E.coli	Absent				1	03/23/22 18:28	03/24/22 12:28		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: BACT SERIES 3/23

Pace Project No.: 70208373

Sample: GAC-3S/4S-VESSEL#400 Lab ID: 70208373010 Collected: 03/23/22 11:20 Received: 03/23/22 11:45 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	Absent				1	03/23/22 18:28	03/24/22 12:28		
E.coli	Absent				1	03/23/22 18:28	03/24/22 12:28		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: BACT SERIES 3/23
Pace Project No.: 70208373

QC Batch:	249418	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: 70208373001, 70208373002, 70208373003, 70208373004, 70208373005, 70208373006, 70208373007, 70208373008, 70208373009, 70208373010

METHOD BLANK: 1260295 Matrix: Drinking Water
Associated Lab Samples: 70208373001, 70208373002, 70208373003, 70208373004, 70208373005, 70208373006, 70208373007, 70208373008, 70208373009, 70208373010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
E.coli		Absent		03/24/22 12:28	
Total Coliforms		Absent		03/24/22 12:28	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: BACT SERIES 3/23

Pace Project No.: 70208373

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.

SAMPLE QUALIFIERS

Sample: 70208373001

[1] Samples were received on the same day of collection on ice and are above 6 degrees Celcius. Samples were placed on ice by the lab and the cooling process has begun.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BACT SERIES 3/23

Pace Project No.: 70208373

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70208373001	GAC-3S/4S-VESSEL#300	SM22 9223B Colilert	249418	SM22 9223B Colilert	249503
70208373002	GAC-3S/4S-VESSEL#300	SM22 9223B Colilert	249418	SM22 9223B Colilert	249503
70208373003	GAC-3S/4S-VESSEL#300	SM22 9223B Colilert	249418	SM22 9223B Colilert	249503
70208373004	GAC-3S/4S-VESSEL#300	SM22 9223B Colilert	249418	SM22 9223B Colilert	249503
70208373005	GAC-3S/4S-VESSEL#300	SM22 9223B Colilert	249418	SM22 9223B Colilert	249503
70208373006	GAC-3S/4S-VESSEL#400	SM22 9223B Colilert	249418	SM22 9223B Colilert	249503
70208373007	GAC-3S/4S-VESSEL#400	SM22 9223B Colilert	249418	SM22 9223B Colilert	249503
70208373008	GAC-3S/4S-VESSEL#400	SM22 9223B Colilert	249418	SM22 9223B Colilert	249503
70208373009	GAC-3S/4S-VESSEL#400	SM22 9223B Colilert	249418	SM22 9223B Colilert	249503
70208373010	GAC-3S/4S-VESSEL#400	SM22 9223B Colilert	249418	SM22 9223B Colilert	249503

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



Sample Condition Upon Receipt

WO#: 70208373

Client Name:

Project

PM: KMM

Due Date: 03/30/22

CLIENT: KGS

Koman

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #:

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No N/A

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Thermometer Used: TH091 Correction Factor: + 0.1

Cooler Temperature(°C): 13.1 Cooler Temperature Corrected(°C): 13.2

Temp should be above freezing to 6.0°C

USDA Regulated Soil (N/A, water sample)

Date and Initials of person examining contents: SAR 3/23/22

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? Yes No

Did samples originate from a foreign source including Hawaii and Puerto Rico? Yes No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

		COMMENTS:
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume: (Triple volume provided for I	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.
-Includes date/time/ID, Matrix: SL <u>WT</u> OIL		
All containers needing preservation have been checked?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
pH paper Lot #		Sample #
All containers needing preservation are found to be in compliance with method recommendation?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
(HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)		
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water).		Initial when completed: Lot # of added preservative: Date/Time preservative added:
Per Method, VOA pH is checked after analysis		
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14. Positive for Res. Chlorine? Y N
KI starch test strips Lot #		
Residual chlorine strips Lot #		
SM 4500 CN samples checked for sulfide?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15. Positive for Sulfide? Y N
Lead Acetate Strips Lot #		
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if applicable):		

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

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