

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 12hour 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 12hour 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 12hour 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 <u>rgregory@komangs.com</u> with any questions or concerns regarding this report.

Sincerely, *KOMAN Government Solutions, LLC*

Robert & Dryng

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. Varricchio – 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



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

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 Mack

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

Enclosures

cc: Ericka Seiler, KOMAN Government 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



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



SAMPLE ANALYTE COUNT

Project:NYAW-MERRICK OPS FACILITY 3/9Pace 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



Project: NYAW-MERRICK OPS FACILITY 3/9

Pace Project No.: 70206803

Sample: GAC-3S/4S (SEAMAN NECK GAC EFF	Lab ID: 7	70206803001	Collecte	d: 03/09/22 10	0:40	Received: 03/	09/22 13:36 N	latrix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit [DF	Prepared	Analyzed	CAS No.	Qua
522 MSS 1,4 Dioxane (SIM)	Analytical M	/lethod: EPA 5	22 Prepara	ation Method: E	EPA (522			_
	Pace Analy	tical Services	- Melville						
1,4-Dioxane (p-Dioxane)	1.8	ug/L	0.020		1	03/13/22 08:30	03/14/22 21:3	7 123-91-1	
Surrogates		49, E	0.020			00/10/22 00:00	00,11,22,21.0	120 01 1	
I,4-Dioxane-d8 (S)	102	%	70-130		1	03/13/22 08:30	03/14/22 21:3	7	
524.2 MSV	Analytical M	lethod: EPA 5	24.2						
	Pace Analy	tical Services	- Melville						
Benzene	<0.50	ug/L	0.50		1		03/19/22 12:4	7 71-43-2	
Bromobenzene	<0.50	ug/L	0.50		1		03/19/22 12:4	7 108-86-1	
Bromochloromethane	<0.50	ug/L	0.50		1		03/19/22 12:4	7 74-97-5	
Bromodichloromethane	<0.50	ug/L	0.50		1		03/19/22 12:4	7 75-27-4	
Bromoform	<0.50	ug/L	0.50		1		03/19/22 12:4	7 75-25-2	
Bromomethane	<0.50	ug/L	0.50		1		03/19/22 12:4	7 74-83-9	
n-Butylbenzene	<0.50	ug/L	0.50		1		03/19/22 12:4	7 104-51-8	
ec-Butylbenzene	<0.50	ug/L	0.50		1		03/19/22 12:4	7 135-98-8	
ert-Butylbenzene	<0.50	ug/L	0.50		1		03/19/22 12:4	7 98-06-6	
Carbon tetrachloride	<0.50	ug/L	0.50		1		03/19/22 12:4		
Chlorobenzene	<0.50	ug/L	0.50		1		03/19/22 12:4	7 108-90-7	
Chlorodifluoromethane	<0.50	ug/L	0.50		1		03/19/22 12:4	7 75-45-6	N3
Chloroethane	<0.50	ug/L	0.50		1		03/19/22 12:4	7 75-00-3	
Chloroform	<0.50	ug/L	0.50		1		03/19/22 12:4	7 67-66-3	
Chloromethane	<0.50	ug/L	0.50		1		03/19/22 12:4	7 74-87-3	L1
2-Chlorotoluene	<0.50	ug/L	0.50		1		03/19/22 12:4	7 95-49-8	
I-Chlorotoluene	<0.50	ug/L	0.50		1		03/19/22 12:4	7 106-43-4	
Dibromochloromethane	<0.50	ug/L	0.50		1		03/19/22 12:4	7 124-48-1	
Dibromomethane	<0.50	ug/L	0.50		1		03/19/22 12:4	7 74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 12:4	7 95-50-1	
,3-Dichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 12:4	7 541-73-1	
,4-Dichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 12:4	7 106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	0.50		1		03/19/22 12:4		
,1-Dichloroethane	<0.50	ug/L	0.50		1		03/19/22 12:4	7 75-34-3	
,2-Dichloroethane	<0.50	ug/L	0.50		1		03/19/22 12:4	7 107-06-2	
,1-Dichloroethene	<0.50	ug/L	0.50		1		03/19/22 12:4	7 75-35-4	
sis-1,2-Dichloroethene	<0.50	ug/L	0.50		1		03/19/22 12:4	7 156-59-2	
rans-1,2-Dichloroethene	<0.50	ug/L	0.50		1		03/19/22 12:4	7 156-60-5	
,2-Dichloropropane	<0.50	ug/L	0.50		1		03/19/22 12:4		
,3-Dichloropropane	<0.50	ug/L	0.50		1		03/19/22 12:4		
2,2-Dichloropropane	<0.50	ug/L	0.50		1		03/19/22 12:4		
,1-Dichloropropene	<0.50	ug/L	0.50		1		03/19/22 12:4		
sis-1,3-Dichloropropene	<0.50	ug/L	0.50		1		03/19/22 12:4		
rans-1,3-Dichloropropene	<0.50	ug/L	0.50		1		03/19/22 12:4		
Ethylbenzene	<0.50	ug/L	0.50		1		03/19/22 12:4		
lexachloro-1,3-butadiene	<0.50	ug/L	0.50		1		03/19/22 12:4		
sopropylbenzene (Cumene)	<0.50	ug/L	0.50		1		03/19/22 12:4		
p-Isopropyltoluene	<0.50	ug/L	0.50		1		03/19/22 12:4		



Project: NYAW-MERRICK OPS FACILITY 3/9

Pace Project No.: 70206803

Sample: GAC-3S/4S (SEAMAN NECK GAC EFF	Lab ID:	70206803001	Collected	d: 03/09/22 10:40	Received: 03/09/22	2 13:36 M	atrix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical	Method: EPA 5	24.2					
	Pace Analy	tical Services/	- Melville					
Methylene Chloride	<0.50	ug/L	0.50	1	03/2	9/22 12:47	75-09-2	
Methyl-tert-butyl ether	<0.50	ug/L	0.50	1	03/2	9/22 12:47	1634-04-4	
n-Propylbenzene	<0.50	ug/L	0.50	1	03/2	9/22 12:47	103-65-1	
Styrene	<0.50	ug/L	0.50	1	03/2	9/22 12:47	100-42-5	
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50	1	03/	9/22 12:47	630-20-6	
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	1	03/2	9/22 12:47	79-34-5	
Tetrachloroethene	<0.50	ug/L	0.50	1	03/2	9/22 12:47	127-18-4	
Toluene	<0.50	ug/L	0.50	1	03/2	9/22 12:47	108-88-3	
Total Trihalomethanes (Calc.)	<0.50	ug/L	0.50	1	03/2	9/22 12:47		
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1	03/2	9/22 12:47	87-61-6	
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1	03/2	9/22 12:47	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	0.50	1	03/2	9/22 12:47	71-55-6	
1,1,2-Trichloroethane	<0.50	ug/L	0.50	1	03/2	9/22 12:47	79-00-5	
Trichloroethene	<0.50	ug/L	0.50	1	03/2	9/22 12:47	79-01-6	
Trichlorofluoromethane	<0.50	ug/L	0.50	1	03/2	9/22 12:47	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	0.50	1	03/2	9/22 12:47	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.50	ug/L	0.50	1	03/2	9/22 12:47	76-13-1	N3
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50	1	03/2	9/22 12:47	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1	03/2	9/22 12:47	108-67-8	
Vinyl chloride	<0.50	ug/L	0.50	1	03/*	9/22 12:47	75-01-4	
m&p-Xylene	<0.50	ug/L	0.50	1	03/2	9/22 12:47	179601-23-1	
o-Xylene	<0.50	ug/L	0.50	1	03/2	9/22 12:47	95-47-6	
Surrogates								
1,2-Dichlorobenzene-d4 (S)	87	%	70-130	1			2199-69-1	
4-Bromofluorobenzene (S)	90	%	70-130	1	03/*	9/22 12:47	460-00-4	



Project: NYAW-MERRICK OPS FACILITY 3/9

Pace Project No.: 70206803

Sample: GAC-3S/4S (SEAMAN NECK GAC EFF	Lab ID:	70206803002	Collecte	d: 03/09/2	2 10:50	Received: 03	8/09/22 13:36 N	latrix: Drinking	Water
			Report	Reg.					
Parameters	Results	Units	Limit	Limit	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical I	Method: EPA 5	24.2						
		tical Services							
Benzene	<0.50	ug/L	0.50		1		03/19/22 13:13	3 71-43-2	
Bromobenzene	<0.50	ug/L	0.50		1		03/19/22 13:13		
Bromochloromethane	<0.50	ug/L	0.50		1		03/19/22 13:13		
Bromodichloromethane	<0.50	ug/L	0.50		1		03/19/22 13:13	3 75-27-4	
Bromoform	<0.50	ug/L	0.50		1		03/19/22 13:13		
Bromomethane	<0.50	ug/L	0.50		1		03/19/22 13:13		
n-Butylbenzene	<0.50	ug/L	0.50		1		03/19/22 13:13		
sec-Butylbenzene	<0.50	ug/L	0.50		1		03/19/22 13:13		
tert-Butylbenzene	<0.50	ug/L	0.50		1		03/19/22 13:13		
Carbon tetrachloride	<0.50	ug/L	0.50		1		03/19/22 13:13		
Chlorobenzene	<0.50	ug/L	0.50		1		03/19/22 13:13		
Chlorodifluoromethane	<0.50	ug/L	0.50		1		03/19/22 13:13		N3
Chloroethane	<0.50	ug/L	0.50		1		03/19/22 13:13		
Chloroform	<0.50	ug/L	0.50		1		03/19/22 13:13		
Chloromethane	<0.50	ug/L	0.50		1		03/19/22 13:13		L1
2-Chlorotoluene	<0.50	ug/L	0.50		1		03/19/22 13:13		
4-Chlorotoluene	<0.50	ug/L	0.50		1		03/19/22 13:13		
Dibromochloromethane	<0.50	ug/L	0.50		1		03/19/22 13:13		
Dibromomethane	<0.50	ug/L	0.50		1		03/19/22 13:13		
1,2-Dichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 13:13		
1,3-Dichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 13:13		
1,4-Dichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 13:13		
Dichlorodifluoromethane	<0.50	ug/L	0.50		1		03/19/22 13:13		
1,1-Dichloroethane	<0.50	ug/L	0.50		1		03/19/22 13:13		
1,2-Dichloroethane	<0.50	ug/L	0.50		1		03/19/22 13:13		
1,1-Dichloroethene	<0.50	ug/L	0.50		1		03/19/22 13:13		
cis-1,2-Dichloroethene	<0.50	ug/L	0.50		1		03/19/22 13:13		
trans-1,2-Dichloroethene	<0.50	ug/L	0.50		1		03/19/22 13:13		
1,2-Dichloropropane	<0.50	ug/L	0.50		1		03/19/22 13:13		
1,3-Dichloropropane	<0.50	ug/L	0.50		1		03/19/22 13:13		
2,2-Dichloropropane	<0.50	ug/L	0.50		1		03/19/22 13:13		
1,1-Dichloropropene	<0.50	ug/L	0.50		1		03/19/22 13:13		
cis-1,3-Dichloropropene	<0.50	ug/L	0.50		1		03/19/22 13:13		
trans-1,3-Dichloropropene	<0.50	ug/L	0.50		1		03/19/22 13:13		
Ethylbenzene	<0.50	ug/L	0.50		1		03/19/22 13:13		
Hexachloro-1,3-butadiene	<0.50	ug/L	0.50		1		03/19/22 13:13		
Isopropylbenzene (Cumene)	<0.50	ug/L	0.50		1		03/19/22 13:13		
p-lsopropyltoluene	<0.50	ug/∟ ug/L	0.50		1		03/19/22 13:13		
Methylene Chloride	<0.50	ug/∟ ug/L	0.50		1		03/19/22 13:13		
Methyl-tert-butyl ether	<0.50	ug/L ug/L	0.50		1		03/19/22 13:13		
n-Propylbenzene	<0.50	ug/∟ ug/L	0.50		1		03/19/22 13:13		
Styrene	<0.50 <0.50	ug/L ug/L	0.50		1		03/19/22 13:13		
1,1,1,2-Tetrachloroethane	<0.50 <0.50	ug/L ug/L	0.50		1		03/19/22 13:13		
1,1,2,2-Tetrachloroethane	<0.50 <0.50	ug/L ug/L	0.50 0.50		1		03/19/22 13:13		



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	2 10:50	Received: 03	/09/22 13:36	Matrix: Drinking	Water
			Report	Reg.					
Parameters	Results	Units	Limit	Limit	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical	Method: EPA 5	24.2						
	Pace Anal	vtical Services	- Melville						
Tetrachloroethene	<0.50	ug/L	0.50		1		03/19/22 13:1	3 127-18-4	
Toluene	<0.50	ug/L	0.50		1		03/19/22 13:1	3 108-88-3	
Total Trihalomethanes (Calc.)	<0.50	ug/L	0.50		1		03/19/22 13:1	3	
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 13:1	3 87-61-6	
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 13:1	3 120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	0.50		1		03/19/22 13:1	3 71-55-6	
1,1,2-Trichloroethane	<0.50	ug/L	0.50		1		03/19/22 13:1	3 79-00-5	
Trichloroethene	<0.50	ug/L	0.50		1		03/19/22 13:1	3 79-01-6	
Trichlorofluoromethane	<0.50	ug/L	0.50		1		03/19/22 13:1	3 75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	0.50		1		03/19/22 13:1	3 96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.50	ug/L	0.50		1		03/19/22 13:1	3 76-13-1	N3
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50		1		03/19/22 13:1	3 95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50		1		03/19/22 13:1	3 108-67-8	
Vinyl chloride	<0.50	ug/L	0.50		1		03/19/22 13:1	3 75-01-4	
m&p-Xylene	<0.50	ug/L	0.50		1		03/19/22 13:1	3 179601-23-1	
o-Xylene	<0.50	ug/L	0.50		1		03/19/22 13:1	3 95-47-6	
Surrogates		č							
1,2-Dichlorobenzene-d4 (S)	88	%	70-130		1		03/19/22 13:1	3 2199-69-1	
4-Bromofluorobenzene (S)	90	%	70-130		1		03/19/22 13:1	3 460-00-4	



Project: NYAW-MERRICK OPS FACILITY 3/9

Pace Project No.: 70206803

(INFLUENT) Parameters 522 MSS 1,4 Dioxane (SIM) 1,4-Dioxane (p-Dioxane) Surrogates 1,4-Dioxane-d8 (S) 524.2 MSV	•	Units Method: EPA 5 lytical Services	Report Limit 22 Prepara	Reg. Limit I	DF	Prepared	Analyzed	CAS No.	Our
1,4-Dioxane (p-Dioxane) <i>Surrogates</i> 1,4-Dioxane-d8 (S)	Pace Anal	ytical Services	22 Prepara					CAS NO.	Qual
Surrogates 1,4-Dioxane-d8 (S)	2.1		- Melville	tion Method: I	EPA (522			
1,4-Dioxane-d8 (S)		ug/L	0.020		1	03/13/22 08:30	03/14/22 21:55	123-91-1	
524.2 MSV	99	%	70-130		1	03/13/22 08:30	03/14/22 21:55		
	•	Method: EPA 5							
	Pace Anal	ytical 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		
Chlorobenzene	<0.50	ug/L	0.50		1		03/19/22 13:39		
Chlorodifluoromethane	<0.50	ug/L	0.50		1		03/19/22 13:39		N3
Chloroethane	<0.50	ug/L	0.50		1		03/19/22 13:39		
Chloroform	<0.50	ug/L	0.50		1		03/19/22 13:39		
Chloromethane	<0.50	ug/L	0.50		1		03/19/22 13:39		L1
2-Chlorotoluene	<0.50	ug/L	0.50		1		03/19/22 13:39		
4-Chlorotoluene	<0.50	ug/L	0.50		1		03/19/22 13:39		
Dibromochloromethane	<0.50	ug/L	0.50		1		03/19/22 13:39		
Dibromomethane	<0.50	ug/L	0.50		1		03/19/22 13:39		
1,2-Dichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 13:39		
1,3-Dichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 13:39		
1,4-Dichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 13:39		
Dichlorodifluoromethane	<0.50	ug/L	0.50		1		03/19/22 13:39		
1.1-Dichloroethane	<0.50	ug/L	0.50		1		03/19/22 13:39		
1,2-Dichloroethane	<0.50	ug/L	0.50		1		03/19/22 13:39		
1,1-Dichloroethene	0.66	ug/L	0.50		1		03/19/22 13:39		
cis-1,2-Dichloroethene	<0.50	ug/L	0.50		1		03/19/22 13:39		
trans-1,2-Dichloroethene	<0.50	ug/L	0.50		1		03/19/22 13:39		
1,2-Dichloropropane	<0.50	ug/L	0.50		1		03/19/22 13:39		
1,3-Dichloropropane	<0.50	ug/L	0.50		1		03/19/22 13:39		
2,2-Dichloropropane	<0.50	ug/L	0.50		1		03/19/22 13:39		
1,1-Dichloropropene	<0.50	ug/L	0.50		1		03/19/22 13:39		
cis-1,3-Dichloropropene	<0.50	ug/L	0.50		1		03/19/22 13:39		
trans-1,3-Dichloropropene	<0.50	ug/L	0.50		1		03/19/22 13:39		
Ethylbenzene	<0.50	ug/L ug/L	0.50		1		03/19/22 13:39		
Hexachloro-1,3-butadiene	<0.50	ug/L ug/L	0.50		1		03/19/22 13:39		
Isopropylbenzene (Cumene)	<0.50 <0.50	ug/L ug/L	0.50		1		03/19/22 13:39		
p-lsopropyltoluene	<0.50 <0.50	ug/L ug/L	0.50		1		03/19/22 13:39		



Project: NYAW-MERRICK OPS FACILITY 3/9

Pace Project No.: 70206803

Sample: WELL 3A N-14347 (INFLUENT)	Lab ID:	70206803003	Collected	d: 03/09/22 11:15	Received: 03/09/22 13:36 Matrix: Dri	inking Water
Parameters	Results	Units	Report Limit	Reg. Limit DF	Prepared Analyzed CAS	No. Qual
524.2 MSV	Analytical	Method: EPA 5	24.2			
	Pace Anal	ytical Services	- Melville			
Methylene Chloride	<0.50	ug/L	0.50	1	03/19/22 13:39 75-09-2	2
Methyl-tert-butyl ether	<0.50	ug/L	0.50	1	03/19/22 13:39 1634-0	4-4
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	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 95-63-0	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	I-23-1
o-Xylene	<0.50	ug/L	0.50	1	03/19/22 13:39 95-47-	3
Surrogates 1,2-Dichlorobenzene-d4 (S)	84	%	70-130	1	03/19/22 13:39 2199-6	9-1
4-Bromofluorobenzene (S)	86	%	70-130	1	03/19/22 13:39 460-00	



Project: NYAW-MERRICK OPS FACILITY 3/9

Pace Project No.: 70206803

Sample: WELL 4 N-09338 (INFLUENT)	Lab ID: 7	70206803004	Collected	d: 03/09/22	2 11:05	Received: 03/	09/22 13:36 I	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qua
522 MSS 1,4 Dioxane (SIM)	Analytical M	lethod: EPA 5	22 Prepara	tion Metho	d: EPA :	522			
	Pace Analy	tical Services	- Melville						
1,4-Dioxane (p-Dioxane)	1.9	ug/L	0.020		1	03/13/22 08:30	03/14/22 22:1	2 123-91-1	
Surrogates		. 3.							
1,4-Dioxane-d8 (S)	101	%	70-130		1	03/13/22 08:30	03/14/22 22:1	2	
524.2 MSV	Analytical M	lethod: EPA 5	24.2						
	Pace Analy	tical Services	- Melville						
Benzene	<0.50	ug/L	0.50		1		03/19/22 14:0	6 71-43-2	
Bromobenzene	<0.50	ug/L	0.50		1		03/19/22 14:0		
Bromochloromethane	<0.50	ug/L	0.50		1		03/19/22 14:0		
Bromodichloromethane	<0.50	ug/L	0.50		1		03/19/22 14:0		
Bromoform	<0.50	ug/L	0.50		1		03/19/22 14:0		
Bromomethane	<0.50	ug/L	0.50		1		03/19/22 14:0	6 74-83-9	
n-Butylbenzene	<0.50	ug/L	0.50		1		03/19/22 14:0		
sec-Butylbenzene	<0.50	ug/L	0.50		1		03/19/22 14:0	6 135-98-8	
ert-Butylbenzene	<0.50	ug/L	0.50		1		03/19/22 14:0	6 98-06-6	
Carbon tetrachloride	<0.50	ug/L	0.50		1		03/19/22 14:0		
Chlorobenzene	<0.50	ug/L	0.50		1		03/19/22 14:0		
Chlorodifluoromethane	<0.50	ug/L	0.50		1		03/19/22 14:0		N3
Chloroethane	<0.50	ug/L	0.50		1		03/19/22 14:0		
Chloroform	<0.50	ug/L	0.50		1		03/19/22 14:0	6 67-66-3	
Chloromethane	<0.50	ug/L	0.50		1		03/19/22 14:0		L1
2-Chlorotoluene	<0.50	ug/L	0.50		1		03/19/22 14:0		
4-Chlorotoluene	<0.50	ug/L	0.50		1		03/19/22 14:0		
Dibromochloromethane	<0.50	ug/L	0.50		1		03/19/22 14:0		
Dibromomethane	<0.50	ug/L	0.50		1		03/19/22 14:0		
1,2-Dichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 14:0		
1,3-Dichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 14:0		
1,4-Dichlorobenzene	<0.50	ug/L	0.50		1		03/19/22 14:0		
Dichlorodifluoromethane	<0.50	ug/L	0.50		1		03/19/22 14:0		
I,1-Dichloroethane	<0.50	ug/L	0.50		1		03/19/22 14:0		
1,2-Dichloroethane	<0.50	ug/L	0.50		1		03/19/22 14:0		
1,1-Dichloroethene	<0.50	ug/L	0.50		1		03/19/22 14:0		
cis-1,2-Dichloroethene	<0.50	ug/L	0.50		1		03/19/22 14:0		
irans-1,2-Dichloroethene	<0.50	ug/L	0.50		1		03/19/22 14:0		
1,2-Dichloropropane	<0.50	ug/L	0.50		1		03/19/22 14:0		
1,3-Dichloropropane	<0.50	ug/L	0.50		1		03/19/22 14:0		
2,2-Dichloropropane	<0.50	ug/L	0.50		1		03/19/22 14:0		
I,1-Dichloropropene	<0.50	ug/L	0.50		1		03/19/22 14:0		
cis-1,3-Dichloropropene	<0.50	ug/L	0.50		1			6 10061-01-5	
rans-1,3-Dichloropropene	<0.50	ug/L	0.50		1			6 10061-02-6	
Ethylbenzene	<0.50	ug/L	0.50		1		03/19/22 14:0		
Hexachloro-1,3-butadiene	<0.50	ug/L	0.50		1		03/19/22 14:0		
Isopropylbenzene (Cumene)	<0.50	ug/L	0.50		1		03/19/22 14:0		
p-lsopropyltoluene	<0.50	ug/L ug/L	0.50		1		03/19/22 14:0		



Project: NYAW-MERRICK OPS FACILITY 3/9

Pace Project No.: 70206803

Sample: WELL 4 N-09338 (INFLUENT)	Lab ID:	70206803004	Collected	d: 03/09/22 11:05	Received: 03/09/22 13:36	Matrix: Drinking W	/ater
Parameters	Results	Units	Report Limit	Reg. Limit DF	Prepared Analyze	ed CAS No.	Qual
524.2 MSV	Analytical	Method: EPA 5	24.2				
	Pace Anal	ytical Services	- Melville				
Methylene Chloride	<0.50	ug/L	0.50	1	03/19/22 1/	4:06 75-09-2	
Methyl-tert-butyl ether	<0.50	ug/L	0.50	1	03/19/22 1	4:06 1634-04-4	
n-Propylbenzene	<0.50	ug/L	0.50	1	03/19/22 1	4:06 103-65-1	
Styrene	<0.50	ug/L	0.50	1	03/19/22 1	4:06 100-42-5	
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50	1	03/19/22 1	4:06 630-20-6	
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	1	03/19/22 1	4:06 79-34-5	
Tetrachloroethene	<0.50	ug/L	0.50	1	03/19/22 1	4:06 127-18-4	
Toluene	<0.50	ug/L	0.50	1	03/19/22 1	4:06 108-88-3	
Total Trihalomethanes (Calc.)	<0.50	ug/L	0.50	1	03/19/22 1	4:06	
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1	03/19/22 1	4:06 87-61-6	
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1	03/19/22 1	4:06 120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	0.50	1	03/19/22 1	4:06 71-55-6	
1,1,2-Trichloroethane	<0.50	ug/L	0.50	1	03/19/22 1	4:06 79-00-5	
Trichloroethene	4.5	ug/L	0.50	1	03/19/22 1	4:06 79-01-6	
Trichlorofluoromethane	<0.50	ug/L	0.50	1	03/19/22 1	4:06 75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	0.50	1	03/19/22 1	4:06 96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.50	ug/L	0.50	1	03/19/22 1	4:06 76-13-1 I	N3
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50	1	03/19/22 1	4:06 95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1	03/19/22 1	4:06 108-67-8	
Vinyl chloride	<0.50	ug/L	0.50	1	03/19/22 1	4:06 75-01-4	
m&p-Xylene	<0.50	ug/L	0.50	1	03/19/22 1	4:06 179601-23-1	
o-Xylene	<0.50	ug/L	0.50	1	03/19/22 1	4:06 95-47-6	
Surrogates		<u>.</u>	70 400		00//0/00		
1,2-Dichlorobenzene-d4 (S)	86	%	70-130	1		4:06 2199-69-1	
4-Bromofluorobenzene (S)	91	%	70-130	1	03/19/22 1	4:06 460-00-4	



Project: NYAW-MERRICK OPS FACILITY 3/9

Pace Project No.:	70206803
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QC Batch Method: EPA 524.2 Analysis Description: 524.2 MSV Pace Analytical Services - Melville Associated Lab Samples: 70206803001, 70206803002, 70206803003, 70206803004 Pace Analytical Services - Melville METHOD BLANK: 1257111 Matrix: Water Associated Lab Samples: 70206803002, 70206803003, 70206803004 METHOD BLANK: 1257111 Matrix: Water Associated Lab Samples: 70206803002, 70206803003, 70206803004 1,1,1,2-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-Trichloroethane 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-Dichloroethane ug/L <0.50 0.50 03/19/22 04:51 1,1-Dichloroethane ug/L <0.50 0.50 03/19/22 04:51 1,2-Stritchloropetne 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-Ar
Associated Lab Samples: 70206803001, 70206803002, 70206803004 METHOD BLANK: 1257111 Matrix: Water Associated Lab Samples: 70206803001, 70206803002, 70206803004 Cualifiers Parameter Units Reporting Qualifiers 1,1,1,2-Tetrachloroethane ug/L <0.50 0.50 03/19/22 Qualifiers 1,1,2-Tetrachloroethane ug/L <0.50 0.50 03/19/22 Qualifiers 1,1,2-Trichloroethane ug/L <0.50 0.50 03/19/22 Qualifiers 1,1-Dichloroethane ug/L <0.50 0.50 03/19/22 Qualifiers 1,1-Dichloroethane ug/L <0.50 0.50 03/19/22 Qualifiers 1,2.3-Trichlorobenzene ug/L <0.50
METHOD BLANK: 1257111 Matrix: Water Associated Lab Samples: 70206803001, 70206803002, 70206803004, 70206803004 Blank Reporting Parameter Units Result Limit Analyzed Qualifiers 1,1,2-Tetrachloroethane ug/L <0.50
Associated Lab Samples: 70206803001, 70206803002, 70206803003, 70206803004 Blank Reporting Limit Analyzed Qualifiers 1,1,1,2-Tetrachloroethane ug/L <0.50 0.50 03/19/22 04:51 (1,1,1-1richloroethane ug/L <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-Trichlorobenzene 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-Trichlorobenzene 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
Associated Lab Samples: 70206803001, 70206803002, 70206803003, 70206803004 Blank Reporting Limit Analyzed Qualifiers 1,1,1,2-Tetrachloroethane ug/L <0.50
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$
Parameter Units Result Limit Analyzed Qualifiers 1,1,1,2-Tetrachloroethane ug/L <0.50
1,1,1,2-Tetrachloroethaneug/L < 0.50 0.50 $0.3/19/22$ $04:51$ 1,1,1-Trichloroethaneug/L < 0.50 0.50 $0.3/19/22$ $04:51$ 1,1,2-Trichloroethaneug/L < 0.50 0.50 $0.3/19/22$ $04:51$ 1,1,2-Trichloroethaneug/L < 0.50 0.50 $0.3/19/22$ $04:51$ 1,1,2-Trichloroethaneug/L < 0.50 0.50 $0.3/19/22$ $04:51$ 1,1-Dichloroethaneug/L < 0.50 0.50 $0.3/19/22$ $04:51$ 1,1-Dichloroethaneug/L < 0.50 0.50 $0.3/19/22$ $04:51$ 1,1-Dichloroetheneug/L < 0.50 0.50 $0.3/19/22$ $04:51$ 1,1-Dichloroptheneug/L < 0.50 0.50 $0.3/19/22$ $04:51$ 1,2,3-Trichlorobenzeneug/L < 0.50 0.50 $0.3/19/22$ $04:51$ 1,2,3-Trichlorobenzeneug/L < 0.50 0.50 $03/19/22$ $04:51$ 1,2,4-Trimethylbenzeneug/L < 0.50 0.50 $03/19/22$ $04:51$ 1,2-Dichlorobenzeneug/L < 0.50 0.50 $03/19/22$ $04:51$ 1,2-Dichloropopaneug/L < 0.50 0.50 $03/19/22$ $04:51$ 1,3-Dichlorobenzeneug/L < 0.50 0.50 $03/19/22$ $04:51$ 1,3-Dichloropopaneug/L < 0.50 0.50 $03/19/22$ $04:51$ 1,3-Dichloropenzeneug/L < 0.50 0.50 $03/19/22$ $04:51$ 1,4-Dichlorop
1,1,1-Trichloroethane ug/L <0.50
1,1,2,2-Tetrachloroethaneug/L<0.500.5003/19/2204:511,1,2-Trichloroethaneug/L<0.50
1,1,2-Trichloroethane ug/L <0.50
1,1,2-Trichlorotrifluoroethaneug/L<0.500.5003/19/2204:51N31,1-Dichloroethaneug/L<0.50
1,1-Dichloroethaneug/L<0.500.5003/19/22 04:511,1-Dichloroetheneug/L<0.50
1,1-Dichloroetheneug/L<0.500.5003/19/2204:511,1-Dichloropropeneug/L<0.50
1,1-Dichloropropeneug/L<0.500.5003/19/2204:511,2,3-Trichlorobenzeneug/L<0.50
1,2,3-Trichlorobenzeneug/L<0.500.5003/19/2204:511,2,3-Trichloropropaneug/L<0.50
1,2,3-Trichloropropaneug/L<0.500.5003/19/22 04:511,2,4-Trichlorobenzeneug/L<0.50
1,2,4-Trichlorobenzeneug/L<0.500.5003/19/22 04:511,2,4-Trimethylbenzeneug/L<0.50
1,2,4-Trimethylbenzeneug/L<0.500.5003/19/2204:511,2-Dichlorobenzeneug/L<0.50
1,2-Dichlorobenzeneug/L<0.500.5003/19/22 04:511,2-Dichloroethaneug/L<0.50
1,2-Dichloroethaneug/L<0.500.5003/19/2204:511,2-Dichloropropaneug/L<0.50
1,2-Dichloropropaneug/L<0.500.5003/19/2204:511,3,5-Trimethylbenzeneug/L<0.50
1,3,5-Trimethylbenzeneug/L<0.500.5003/19/2204:511,3-Dichlorobenzeneug/L<0.50
1,3-Dichlorobenzeneug/L<0.500.5003/19/2204:511,3-Dichloropropaneug/L<0.50
1,3-Dichloropropaneug/L<0.500.5003/19/2204:511,4-Dichlorobenzeneug/L<0.50
1,4-Dichlorobenzeneug/L<0.500.5003/19/2204:512,2-Dichloropropaneug/L<0.50
2,2-Dichloropropaneug/L<0.500.5003/19/2204:512-Chlorotolueneug/L<0.50
2-Chlorotoluene ug/L <0.50
4-Chlorotoluene ug/L <0.50
Benzene ug/L <0.50 0.50 03/19/22 04:51 Bromobenzene ug/L <0.50
Bromobenzene ug/L <0.50 0.50 03/19/22 04:51 Bromochloromethane ug/L <0.50
Bromochloromethane ug/L <0.50 0.50 03/19/22 04:51
Bromodichloromethane ug/l <0.50 0.50 0.3/10/22 0.4.51
Diomodiciniorometriane ug/E <0.30 0.3/13/22 04.31
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

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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

		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% Rec	Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L		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.



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		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	
lexachloro-1,3-butadiene	ug/L	10	11.4	114	70-130	
sopropylbenzene (Cumene)	ug/L	10	10.9	109	70-130	
n&p-Xylene	ug/L	20	21.1	106	70-130	
Methyl-tert-butyl ether	ug/L	10	8.5	85	70-130	
Nethylene 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	
p-Xylene	ug/L	10	11.0	110	70-130	
o-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	
ert-Butylbenzene	ug/L	10	11.0	110	70-130	
Tetrachloroethene	ug/L	10	10.8	108	70-130	
Foluene	ug/L	10	10.6	106	70-130	
Total Trihalomethanes (Calc.)	ug/L		42.6			
rans-1,2-Dichloroethene	ug/L	10	10.7	107	70-130	
rans-1,3-Dichloropropene	ug/L	10	10.7	107	70-130	
Frichloroethene	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	

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Project: NYAW-MERRICK OPS FACILITY 3/9

Pace Project No.: 70206803

SAMPLE DUPLICATE: 1257312

Parameter	Units	70206803004 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,2-Tetrachloroethane	ug/L	<0.50	<0.50		20	
1,1-Trichloroethane	ug/L	<0.50	<0.50		20	
1,2,2-Tetrachloroethane	ug/L	<0.50	<0.50		20	
1,2-Trichloroethane	ug/L	<0.50	<0.50		20	
1,2-Trichlorotrifluoroethane	ug/L	<0.50	<0.50			N3
1-Dichloroethane	ug/L	<0.50	<0.50		20	
1-Dichloroethene	ug/L	<0.50	<0.50		20	
1-Dichloropropene	ug/L	<0.50	<0.50		20	
2,3-Trichlorobenzene	ug/L	<0.50	<0.50		20	
2,3-Trichloropropane	ug/L	<0.50	<0.50		20	
2,4-Trichlorobenzene	ug/L	<0.50	<0.50		20	
2,4-Trimethylbenzene	ug/L	<0.50	<0.50		20	
2-Dichlorobenzene	ug/L	<0.50	<0.50		20	
2-Dichloroethane	ug/L	<0.50	<0.50		20	
2-Dichloropropane	ug/L	<0.50	<0.50		20	
3,5-Trimethylbenzene	ug/L	<0.50	<0.50		20	
B-Dichlorobenzene	ug/L	<0.50	<0.50		20)
3-Dichloropropane	ug/L	<0.50	<0.50		20)
-Dichlorobenzene	ug/L	<0.50	<0.50		20)
-Dichloropropane	ug/L	<0.50	<0.50		20)
Chlorotoluene	ug/L	<0.50	<0.50		20	1
Chlorotoluene	ug/L	<0.50	<0.50		20	1
nzene	ug/L	<0.50	<0.50		20	1
omobenzene	ug/L	<0.50	<0.50		20	1
omochloromethane	ug/L	<0.50	<0.50		20	1
omodichloromethane	ug/L	<0.50	<0.50		20	1
omoform	ug/L	<0.50	<0.50		20	1
omomethane	ug/L	<0.50	<0.50		20)
rbon tetrachloride	ug/L	<0.50	<0.50		20	
lorobenzene	ug/L	<0.50	<0.50		20	
lorodifluoromethane	ug/L	<0.50	<0.50			N3
loroethane	ug/L	<0.50	<0.50		20	
lloroform	ug/L	<0.50	<0.50		20	
loromethane	ug/L	<0.50	<0.50		20	
s-1,2-Dichloroethene	ug/L	<0.50	<0.50		20	
-1,3-Dichloropropene	ug/L	<0.50	<0.50		20	
promochloromethane	ug/L	<0.50	<0.50		20	
promomethane	ug/L	<0.50	<0.50		20	
chlorodifluoromethane	ug/L	<0.50	<0.50		20	
hylbenzene	ug/L	<0.50	<0.50		20	
exachloro-1,3-butadiene	ug/L	<0.50	<0.50		20	
propylbenzene (Cumene)	ug/L	<0.50	<0.50		20	
&p-Xylene	ug/L	<0.50	<0.50		20	
ethyl-tert-butyl ether	ug/L	<0.50	<0.50		20	
ethylene Chloride	ug/L	<0.50	<0.50		20	
-	ug/L	<0.50	<0.50		20	
Butylbenzene	1/1/1					

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REPORT OF LABORATORY ANALYSIS

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Project: NYAW-MERRICK OPS FACILITY 3/9

Pace Project No.: 70206803

SAMPLE DUPLICATE: 1257312

		70206803004	Dup		Max	
Parameter	Units	Result	Result	RPD	RPD	Qualifiers
o-Xylene	ug/L	<0.50	<0.50		20	
p-Isopropyltoluene	ug/L	<0.50	<0.50		20	
sec-Butylbenzene	ug/L	<0.50	<0.50		20	
Styrene	ug/L	<0.50	<0.50		20	
tert-Butylbenzene	ug/L	<0.50	<0.50		20	
Tetrachloroethene	ug/L	<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	

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Project:		RICK OPS FACILITY 3/9						
Pace Project No.:	70206803							
QC Batch:	248007		Analysis Me		PA 522			
QC Batch Method:	EPA 522		Analysis De	•	522 MSS 1,4 Diox			
			Laboratory:	F	Pace Analytical Se	ervices - Melvill	e	
Associated Lab Sam	nples: 7020	6803001, 70206803003,	70206803004					
METHOD BLANK:	1253060		Matrix	: Drinking Wate	er			
Associated Lab Sam	nples: 7020	6803001, 70206803003,	70206803004					
			Blank	Reporting				
Param	neter	Units	Result	Limit	Analyzed	Qualifier	s	
1,4-Dioxane (p-Diox	ane)	ug/L	<0.020	0.020	0 03/14/22 19:0	0		
1,4-Dioxane-d8 (S)		%	100	70-130				
LABORATORY CON	NTROL SAMP	LE: 1253061						
			Spike	LCS	LCS	% Rec		
Param	neter	Units	Conc.	Result	% Rec	Limits	Qualifiers	
1,4-Dioxane (p-Diox	ane)	ug/L	0.02	0.025	123	70-130		
1,4-Dioxane-d8 (S)		%			99	70-130		
MATRIX SPIKE SAM	MPLE:	1253062						
Param	ator	Units	7020668200 Result	6 Spike Conc.	MS	MS % Rec	% Rec Limits	Qualifiers
					Result			Quaimers
1,4-Dioxane (p-Diox	ane)	ug/L	<0.0	0.02	0.029	78	70-130	
1,4-Dioxane-d8 (S)		%				96	70-130	
SAMPLE DUPLICAT	F: 1253063	3						
			70206713001	Dup		Max		
Param	neter	Units	Result	Result	RPD	RPD	Qualifiers	
								-
1,4-Dioxane (p-Diox	ane)	ug/L	0.18	0.18	3 3	3	0	

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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.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: NYAW-MERRICK OPS FACILITY 3/9

Pace Project No.:	70206803
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Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
GAC-3S/4S (SEAMAN NECK GAC EFF	EPA 522	248007	EPA 522	248015
WELL 3A N-14347 (INFLUENT)	EPA 522	248007	EPA 522	248015
WELL 4 N-09338 (INFLUENT)	EPA 522	248007	EPA 522	248015
GAC-3S/4S (SEAMAN NECK GAC EFF	EPA 524.2	248814		
GAC-3S/4S (SEAMAN NECK GAC EFF	EPA 524.2	248814		
WELL 3A N-14347 (INFLUENT)	EPA 524.2	248814		
WELL 4 N-09338 (INFLUENT)	EPA 524.2	248814		
-	GAC-3S/4S (SEAMAN NECK GAC EFF WELL 3A N-14347 (INFLUENT) WELL 4 N-09338 (INFLUENT) GAC-3S/4S (SEAMAN NECK GAC EFF GAC-3S/4S (SEAMAN NECK GAC EFF WELL 3A N-14347 (INFLUENT)	GAC-3S/4S (SEAMAN NECK GAC EFFEPA 522WELL 3A N-14347 (INFLUENT)EPA 522WELL 4 N-09338 (INFLUENT)EPA 522GAC-3S/4S (SEAMAN NECK GAC EFFEPA 524.2GAC-3S/4S (SEAMAN NECK GAC EFFEPA 524.2EFF WELL 3A N-14347 (INFLUENT)EPA 524.2	GAC-3S/4S (SEAMAN NECK GAC EPA 522 248007 EFF WELL 3A N-14347 (INFLUENT) EPA 522 248007 WELL 4 N-09338 (INFLUENT) EPA 522 248007 GAC-3S/4S (SEAMAN NECK GAC EPA 524.2 248814 EFF GAC-3S/4S (SEAMAN NECK GAC EPA 524.2 248814 EFF WELL 3A N-14347 (INFLUENT) EPA 524.2 248814 EFF WELL 3A N-14347 (INFLUENT) EPA 524.2 248814	GAC-3S/4S (SEAMAN NECK GAC EPA 522 248007 EPA 522 EFF WELL 3A N-14347 (INFLUENT) EPA 522 248007 EPA 522 WELL 4 N-09338 (INFLUENT) EPA 522 248007 EPA 522 GAC-3S/4S (SEAMAN NECK GAC EPA 524.2 248814 EFF GAC-3S/4S (SEAMAN NECK GAC EPA 524.2 248814 EFF GAC-3S/4S (INFLUENT) EPA 524.2 248814 WELL 3A N-14347 (INFLUENT) EPA 524.2 248814

Pace Analytical

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

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<u> </u>	GAC-3S/4S (Seaman Neck GAC Effli	uent)	DW	G		2	9.22	10:40		4			x		x		1	×	,		T	T	Т	Г	T	Τ			T		-	-	-	-	-
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Page 21 of 22					F	SIGNA	TURE of	SAMPLE	R: (11	andy Inc	Hoffr	11	10	1	P	Т	E	ATI	E Sig	ned:	~	7 0	1	2	5	5		TEMP In C	ceived .	Î	Sealed! Coolerf!	(N) Balan		
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	Sa	mple C	ondition	<mark>Upon</mark>	Receint	0#:702	06803
Pace Analytical [®]	Client Na	me: KGS			Projec PM	: KMM IENT: KGS	Due Date: 03/18/22
Courier: Fed Ex UPS USPS	Comme	rcial 🗋 a	ce 🗇 ther				
Tracking #:			act: 🗌 Yes[1 No Da	N/A T	emperature Blank I	Present: Yes No
Custody Seal on Cooler/Box Present: Ve	s NO				T	ype of Ice: Wet	Blue None
Packing Material: Bubble Wrap Bubble	Bags4	on Factor:				amples on ice, coolir	ig process has begun
Thermometer Used: TH091	_Correcu	om racior.	e Corrected	(°C): /	the second se)ate/Time 5035A kit	s placed in freezer
Cooler Temperature(°C):	- Cooler 1	emperatur	C CONTOOLOG	1	(· -		L. 13/01
Temp should be above freezing to 6.0°C USDA Regulated Soil { W/A, water sample	}					on examining conte Did samples orionate	from a foreign source
Did samples originate in a quarantine zone wi	ithin the Ur	nited States	S: AL, AR, UA, I	rt, GA, ID,	LA, MO, NO, i	ncludino Hawaii and I	Puerto Rico)? 🛛 Yes💢 No
						baberwork.	
NM, NY, OK, OR, SC, TN, TX, or VA [check map]? If Yes to either question, fill out a Regulat	ed Soil Ch	ecklist (F-I	LI-6-010J all		With book book	COMMENTS:	
	1	⊡No		1			
Chain of Custody Present:	Ves			2			
Chain of Custody Filled Out:	ZIYes			3.			
Chain of Custody Relinquished:	Yes		⊡N/A	4.			
Sampler Name & Signature on COC:	ZYes ZYes			5.			
Samples Arrived within Hold Time:		ZNO		6.			
Short Hold Time Analysis (<72hr):	□Yes □Yes	NO		7.			
Rush Turn Around Time Requested:				8.			
Sufficient Volume: (Triple volume provided fo	AYes			9.			
Correct Containers Used:	EYes						
-Pace Containers Used:	Yes			10.			
Containers Intact: Filtered volume received for Dissolved tests	1		CIN/A	11.	Note if sedim	ent is visible in the d	issolved container.
Sample Labels match COC:	Pres		1	12.			
-Includes date/time/ID/Matrix: SL							
All containers needing preservation have be	en Dyes	⊡No	DN/A	13.	\Box HNO ₃	□H ₂ SO ₄ □NaO	H 🗆 HCI
checked?	/						
pH paper Lot # 1 10347				Cample	#		
All containers needing preservation are four	nd to be			Sample	- ++		
in compliance with method recommendatio	n?						
(HNO3, H2SO4, HCI, NaOH>9 Sulfide,	Yes	⊡No	⊡N/A				
NAOH>12 Cyanide)	1						
Exceptions: VOA, Coliform, TOC/DOC, Oil and	Grease,			Initial w	hen completed:	Lot # of added	Date/Time preservative
DRO/8015 (water).				initial w	non oompiotoo.	preservative:	added:
Per Method, VOA pH is checked after analys	SIS		CN/A	14.			
Samples checked for dechlorination:	⊡Yes	⊡No	LUNYA	1.00			
KI starch test strips Lot #					Positive for Re	s. Chlorine? Y N	
Residual chlorine strips Lot #		⊡No	DN/A	15.			
SM 4500 CN samples checked for sulfide?	⊡Yes				Positive for Su	lfide? Y N	
Lead Acetate Strips Lot #		D No	-A/A	16.			
Headspace in VOA Vials (>6mm):	⊡Yes ⊡Yes		-DN/A	17.			
Trip Blank Present:		-No	EN/A	1			
Trip Blank Custody Seals Present Pace Trip Blank Lot # (if applicable):	L163	and a second	CAREA (CRANCE)				
				Field D	ata Required?	Y /	N
Client Notification/ Resolution:					Date/Time:		
Person Contacted: Comments/ Resolution:							

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

ENV-FRM-MELV-0024 01

ATTACHMENT 2

QUARTERLY MIC ANALYTICAL RESULTS – Q1 2022



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

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 Mack

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

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC





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

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



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



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
0208197006	N-14347 (SEAMAN NECK 3 WELL)-D	SM22 9223B Colilert	SDO	2
0208197007	GAC-3S/4S-VESSEL#500	SM22 9223B Colilert	SDO	2
0208197008	GAC-3S/4S-VESSEL#500	SM22 9223B Colilert	SDO	2
0208197009	GAC-3S/4S-VESSEL#500	SM22 9223B Colilert	SDO	2
0208197010	GAC-3S/4S-VESSEL#500	SM22 9223B Colilert	SDO	:
0208197011	GAC-3S/4S-VESSEL#500	SM22 9223B Colilert	SDO	:
0208197012	GAC-3S/4S-VESSEL#600	SM22 9223B Colilert	SDO	:
70208197013	GAC-3S/4S-VESSEL#600	SM22 9223B Colilert	SDO	2
0208197014	GAC-3S/4S-VESSEL#600	SM22 9223B Colilert	SDO	2
0208197015	GAC-3S/4S-VESSEL#600	SM22 9223B Colilert	SDO	2
0208197016	GAC-3S/4S-VESSEL#600	SM22 9223B Colilert	SDO	2

PACE-MV = Pace Analytical Services - Melville



Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: N-14347 (SEAMAN NECK 3 Lab ID: 702081970 WELL)		70208197001	Collecte	d: 03/22/2	2 09:20	Received: 03/	/22/22 11:50 Ma	2 11:50 Matrix: Drinking Water		
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual	
MBIO Total Coliform DW	2 9223B Col - Melville	ilert Prepa	ration M	ethod: SM22 922	23B Colilert					
Total Coliforms E.coli	Absent Absent				1 1	03/22/22 18:50 03/22/22 18:50				



Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: N-14347 (SEAMAN NECK 3 Lab ID: WELL)		70208197002	Collecte	d: 03/22/2	2 09:22	Received: 03/	/22/22 11:50 Ma	trix: Drinking	Drinking Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual	
MBIO Total Coliform DW	2 9223B Col - Melville	ilert Prepa	ration M	ethod: SM22 922	23B Colilert					
Total Coliforms E.coli	Absent Absent				1 1	03/22/22 18:50 03/22/22 18:50				



Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: N-14347 (SEAMAN NECK 3 Lab ID: 70 WELL)		70208197003	Collecte	d: 03/22/2	2 09:25	Received: 03/	/22/22 11:50 Ma	Matrix: Drinking Water		
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual	
MBIO Total Coliform DW	9223B Col - Melville	ilert Prepa	ration M	ethod: SM22 922	23B Colilert					
Total Coliforms E.coli	Absent Absent				1 1	03/22/22 18:50 03/22/22 18:50				



Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: N-14347 (SEAMAN NECK 3 Lab ID: WELL)		70208197004	Collecte	d: 03/22/2	2 09:30	Received: 03/	/22/22 11:50 Ma	atrix: Drinking Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	IO Total Coliform DW Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert Pace Analytical Services - Melville								
Total Coliforms E.coli	Absent Absent				1 1	03/22/22 18:50 03/22/22 18:50			



Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: N-14347 (SEAMAN NECK 3 Lab ID: WELL)		70208197005	Collecte	d: 03/22/2	2 09:50	Received: 03/	/22/22 11:50 Ma	trix: Drinking	g Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual	
MBIO Total Coliform DW	BIO Total Coliform DW Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert Pace Analytical Services - Melville									
Total Coliforms E.coli	Absent Absent				1 1	03/22/22 18:50 03/22/22 18:50				



Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: N-14347 (SEAMAN NEC WELL)-D	CK 3 Lab ID:	70208197006	Collecte	d: 03/22/2	2 09:52	Received: 03/	/22/22 11:50 Ma	trix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	Method: SM22 lytical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/22/22 18:50 03/22/22 18:50			



Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#500	Lab ID:	70208197007	Collected	I: 03/22/2	2 10:00	Received: 03/	/22/22 11:50 Ma	trix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW		Method: SM22 ytical Services		ert Prepa	ration M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/22/22 18:50 03/22/22 18:50			



Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#500	Lab ID: 70208	197008 Collect	ed: 03/22/22 10	:02	Received: 03/	/22/22 11:50 Ma	atrix: Drinking	Nater
Parameters	Results Un	Report ts Limit	Reg. Limit D	F	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW		d: SM22 9223B Co Services - Melville	olilert Preparatio	n Me	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent		1	1 1	03/22/22 18:50 03/22/22 18:50			



Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#500	Lab ID: 70208197	09 Collected	d: 03/22/22	2 10:05	Received: 03/	/22/22 11:50 Ma	atrix: Drinking	Water
Parameters	Results Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	Analytical Method: SI Pace Analytical Servi		ilert Prepar	ation M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent			1 1	03/22/22 18:50 03/22/22 18:50	03/23/22 12:50 03/23/22 12:50		



Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#500	Lab ID: 70	0208197010	Collected	: 03/22/22	2 10:10	Received: 03/	22/22 11:50 Ma	atrix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	Analytical Me Pace Analytic			ert Prepar	ation M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/22/22 18:50 03/22/22 18:50	03/23/22 12:50 03/23/22 12:50		



Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#500	Lab ID: 702081970	11 Collected	d: 03/22/22	10:30	Received: 03/	22/22 11:50 Ma	atrix: Drinking	Water
Parameters	Results Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	Analytical Method: SN Pace Analytical Servic		ilert Prepara	ation M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent			1 1	03/22/22 18:50 03/22/22 18:50	03/23/22 12:50 03/23/22 12:50		



Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#600	Lab ID: 7020819701	2 Collecte	d: 03/22/22	2 10:40	Received: 03/	/22/22 11:50 Ma	atrix: Drinking	Water
Parameters	Results Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	Analytical Method: SM2 Pace Analytical Service		ilert Prepar	ation M	lethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent			1 1	03/22/22 18:50 03/22/22 18:50			



Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#600	Lab ID: 702	208197013	Collected	l: 03/22/22	2 10:42	Received: 03/	22/22 11:50 Ma	atrix: Drinking	Nater
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	Analytical Me Pace Analytic			ert Prepar	ation M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/22/22 18:50 03/22/22 18:50	03/23/22 12:50 03/23/22 12:50		



Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#600	Lab ID: 702081	97014 Collect	ed: 03/22/22	10:45	Received: 03/	/22/22 11:50 Ma	atrix: Drinking	Water
Parameters	Results Unit	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	Analytical Method Pace Analytical S		olilert Preparat	tion M	lethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent			1 1	03/22/22 18:50 03/22/22 18:50			



Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#600	Lab ID: 702081970	15 Collected	d: 03/22/22	2 10:50	Received: 03/	/22/22 11:50 Ma	atrix: Drinking	Water
Parameters	Results Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	Analytical Method: SM Pace Analytical Servic		lert Prepar	ation M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent			1 1	03/22/22 18:50 03/22/22 18:50	03/23/22 12:50 03/23/22 12:50		



Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#600	Lab ID: 702	208197016	Collected	d: 03/22/22	2 11:10	Received: 03/	22/22 11:50 Ma	trix: Drinking	Nater
Parameters	Results L	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	Analytical Met Pace Analytica			lert Prepai	ation M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1				



QUALITY CONTROL DATA

Project:	BACTS	SERIES 3/22							
Pace Project No.:	702081	97							
QC Batch:	24923	5		Analysis Me	thod:	SM22 9223B Coliler	t		
QC Batch Method:	SM22	9223B Coliler	t	Analysis Des	scription:	TotCoIDW MBIO Tot	al Coliform		
				Laboratory:		Pace Analytical Serv	rices - Melville		
Associated Lab Sar	nples:	70208197008	, ,	,	,	70208197005, 7020 70208197012, 7020	,	,	
METHOD BLANK:	125946	1		Matrix:	Drinking Wate	er			
Associated Lab Sar	mples:	70208197008	, ,	,	,	70208197005, 7020 70208197012, 7020	,	,	
				Blank	Reporting				
Parar	neter		Units	Result	Limit	Analyzed	Qualifiers		
E.coli				Absent		03/23/22 12:50			
Total Coliforms				Absent		03/23/22 12:50			
SAMPLE DUPLICA	TE: 12	59462							
				70208299004	Dup		Max		
Parar	neter		Units	Result	Result	RPD	RPD	Qualifiers	
E.coli				Absent	Abser	nt			

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



QUALIFIERS

Project: 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.



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



Page 24 of 27

WO#: 70208197

Section A	A Contraction of the second seco	Section B								Sect					UZI	191	91														
Peterstein	Client Information:	Required Pro	-		-		_		_		_		nation		_	_	_	_	_		_		_	_				_≝ e :	1	Of	1
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Transilia -	Exton, PA	Purchase Ord	tor #		02607-20	1			-	112.07	ess. ess.	-	3000	ants	paye	DIG	αίκο	man	us t	011		-	_		-	-		Regula	tory Agent	y	
Email: Phone:	(610) 400-0636 Fax	Project Name	_	_			FACILITY	,	_		_		lanage	r'	166	nher	lov N	lanks	n Pa	celab	s.com	1	_			-	_	State	/Location		_
2.2	d Due Date:	Project #: 026	_		AVV-MENT	ION OF S	(AGILI I					file #:			- 1940	THEST	is and	in series	10				-		-		-		NY		
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	Drinking W Water⊡ Waste Wa	AnterO DWO WTO terO WWO	valid codes to left)	(G=GRAB C=COMP)					LECTION																			÷			
	SAMPLE ID SowSold One Character per box.	PO SLO OLO WPO	es Se	Ű	ST.		E		AT COLL	ERS								s Test	Ecoli)									orine (Y/			
ITEM #	(A-Z, 0-9 /, -)⊡ AirO OtherD Sample Ids must be unique Tissue	ARD OTD TS	MATRIX CODE	SAMPLE TYPE	DATE	TIME	DATE	TIME	SAMPLE TEMP AT	# OF CONTAINERS	Unpreserved	H2SO4	HNO3	NaOH	Na2S203	Methanol	Other	Analyses Test	Colilert (Fecal/									Residual Chlorine (Y/N)			
1	N-14347 (Seaman Neck 3 Well)	-0	DV	G			2.72.27	9:20	Γ		x			Τ	Τ	Γ		Π	x							Π					
2	N-14347 (Seaman Neck 3 Well)		DV	T			122:02		Γ	1		H		T	T	T	1		x				П			П					
3	N-14347 (Seaman Neck 3 Well)		1	G	1			9:25		1			1	t	╈	┢			x		1	┢	H	╈		\square					
			Γ				1	9:30	\vdash				+	1	T	1	\vdash	1	x			\uparrow	Н		1	\square					
4	N-14347 (Seaman Neck 3 Well)	10	DV	V G				9.30	\vdash	H	^	\vdash	+	+	┢	╈	+		Ĥ		+	┝	\vdash	+	+	+	-				
5	N-14347 (Seaman Neck 3 Well)	-30	DV	G				9:50	1	1	×		+	╋	+	┢	┢		X	_		+-	\square	+	+	+	-	-			
6	N-14347 (Seaman Neck 3 Well)-:	30D	D۷	V G			122	-9:57	+	1	х.,		-	+	╀	+	-		x	-	-	+	\square	+	+	+	_	-			
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The Chain-of-Custody is a LEGA



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

Section Required	A Client Information:	Section B Required P		t Inforr	mation:					Invoi	tion (omat	_								-				F	'age;			of	
Company	KOMAN Government Solutions, LLC	Report To:	Step	hane	Roy						ntion:	-	Accou		•															
Address:	180 Gordon Dr., Suite 110	Copy To:	DOH	ł						Corr	ipany l	Name	: KC	MA	N Go	vem	mer	nt S	olutio	ns, Ll	RE	GUL	ATO	A YS	GEN	CY				
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Email To:	sroy@komangs.com	Purchase C	Order	No.:					-		Quote	(00016	758						_	17	US	ат	5	RC	RA		<u> </u>	OTHER	
	610-400-0622 Fax	Project Nar	me:	NYA	W-MERF	RICK OF	S FACILI	ΓY	-	Pace	rence: Projec	n e	Stuart	Mur	rrell						SI	te Lo	catio	n						
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	(A-Z, 0-9 / ,-) WIPE AIR OTHER	WP AR							Ł	CONTAINERS							Test	Mal K									lori			
	(A-Z, 0-9 / ,-) OTHER Sample IDs MUST BE UNIQUE TISSUE	OT TS	8	TYPE					NE N	I A	Ned						SiS	Fee F									μ			
*			NX NX	E E					Щ	8	ese	đ	3	Ŧ	o la		al V	ta									idua			
ITEM #			MATRIX CODE	SAMPLE.	DATE	TIME	DATE	TIME	SAMPLE TEMP	Ч В #		H₂SO₄	ΞĒ	NaOH	Na ₂	Other	Analysis	Colilert (Fecal/Ecoli)									Residual	Pace	Project I	lo./ Lab I.D.
1	GAC-3S/4S-Vessel#500-0		DW	4	DAIL	THAT	3-22-22	and the local division of the local division		1		r r		Ħ	1	T	F	X		T	T			1	Π		Т			
2	GAC-3S/4S-Vessel#500-2		DW	-			82222		Γ	1	X	Π		\square			1	x												
3	GAC-3S/4S-Vessel#500-5		DW	G				10:05		1	X							X												
4	GAC-3S/4S-Vessel#500-10		DW	G			8.22.22			1	X							X												
5	GAC-3S/4S-Vessel#500-30		DW	G			3.22.22	10:30		1	X							X			_			-			_	<u> </u>		
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Page 25 of 27							SIGNATUR		1		m	D	ha	11	mos	Th.			DATE : (MM/D	Signed D/YY)	ī, ī	25	22	20-	22	-	Ten	Rec	Seal	Sam
7	"Important Note: By signing this form you are accepting	Pace's NET :	3D day	r payme	ent terms and	agreeing to	late charges o	f 1.5% per m	hritinoi	of an	y invoic	a not	paidwi			- 0		_									F-ALI	-Q-020rev	.08, 12-Oc	
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CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

-	I Client Information:	Section B Required P	roject						_		e Info	matio					_								Pa	ge:			of	
Company	KOMAN Government Solutions, LLC	Report To:	Step	hane	Roy					Atten			ccour																	
Address:	180 Gordon Dr., Suite 110	Сору То:	DOH	ł						Com	pany M	Name:	KO	MAN	Gov	emr	nent	Solu	utions	3, LL	REG	ULAI	OR	AG	ENC	Y				
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	Section D Valid Matrix C Regulared Client Information MATRIX	odes CODE	eft)	(d		COLL	ECTED				Γ	Pr	eserv	ative	s	ľ	N/X	N												
ITEM #	DRIMKING WATER	DW WT WW P SL OL WP AR AR OT TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COMPC STAP	DSITE ना	COMPO END/G	аав	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved							Colilert (Fecal/Ecoli)									Residual Chlorine (Y/N)	6		
	GAC-3S/4S-Vessel#600-0		∑ DW		DATE	TIME	DATE	TIME	ò	# 1		피프	두	zz	: ≥	0	井	Ŭ X		+	\vdash	┿	Н	+	+			Pace	Project	Io./ Lab I.D.
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3	GAC-3S/4S-Vessel#600-5		DW	G			3.22.22		\square	1	Îx		\square			Η	ł	x			\vdash		\square				Ħ			
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27	*Important Note: By signing this form you are accepting	Pace's NET 3	30 day	payme	nt terms and a	agreeing to				X	nvoige	s hot pa	aid whini		ays.			(MI		117.	\bigcirc	50	0			F	-ALL-		08, 12-Oct	
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Bans D		lone 🗆 Oth	er	T	ype of Ice: 🜘	et Blue	None
Correcti	ion Factor	+ 0.1		CIS	amples on ice, o	cooling pro	ncess has begun
_ Cooler T	emperatu	re Correcte	ed(°C): 2-	8 0	ate/Time 5035	A kits plac	ced in freezer
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h			Date and Init	ials of pers	on examining c	ontents:	SAR3/22/
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□Yes		3 Standard Street	W.				
⊡Yes	⊡No	DH7A					
		_					
			D	late/Time:			
	Comme s OMO Bags O Correcti Cooler 1) ithin the U O Yes OVES OVES OVES OVES OVES OVES OVES OVES	Commercial Call S Mo Seals intermediation Bags Cipioc Call Correction Factor: Cooler Cooler Temperature Yes No ed Soil Checklist (F- Wes No Oll No Srease, S Sites No Ores No Oll No Ores No Oll No Ores No Ores No Ores No	□ commercial □ ace □ the S □ No Seals intact: □ Yes Bags □ Ziploc □ lone □ Oth Correction Factor: + ○,1 Cooler Temperature Corrected) ithin the United States: AL, AR, CA, □ Yes □ No ed Soil Checklist (F-LI-C-010) at □ Yes □ No □ Yes □ No	Commercial Pace Dther S Mo Seals intact: Yes: No NA/A Bags P21ploc None Other Correction Factor: + O.1 Cooler Temperature Corrected(*C): 2 2 2) Date and Init Date and Init thin the United States: AL, AR, CA, FL, GA, ID, LA, M Pes No ed Soil Checklist (F-LI-C-010) and include with Init Init CWes No 1. Init CWes No 1. Init CWes No 3. Init CWes No 6. Init CWes No 1. No CWes No 9. Init CWes No 9. Init CWes No 10. Init CWes No IN/A 11. CWes INo IN/A 12. OIL Initial when c Sample # CYes INo IN/A 14. CYes	Commercial Pace Dther s CMO Seals intact: Yes No CMA T Bags Color Jone Other T C Correction Factor: + O.1 S S Cooler Temperature Corrected[°C]: 2.8 C Ithin the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, I S Yes No 1 S C If Yes No 1 S C If Yes No 2 S C If Yes No 3. C C If Yes INo A. C C C If Yes INo IN 4. C C If Yes INo S S C C C If Yes INo S S S C C C If Yes INo INA 1 Note if sedime S C C If Yes INo IN/A 13. I HNO3 <t< td=""><td>Commercial Jace Dther Bags Ziploc Jone Other Temperature BI Bags Ziploc Jone Other Type of Ice: We Correction Factor: + O.1 </td><td>Commercial Date Dther Temperature Blank Press Bags Date Date Type of Ice: Weight Blue Correction Factor: + O.1 Date and Initials of person examining contents: Cooler Temperature Corrected(*C): 28 Date samples orignate from including Hawaii and Puert Desc DNo Date Did samples orignate from including Hawaii and Puert Correst DNo 2. Did samples orignate from including Hawaii and Puert Correst DNo 2. Did samples orignate from including Hawaii and Puert Correst DNo 2. Did samples orignate from including Hawaii and Puert Correst DNo 2. Did samples orignate from including Hawaii and Puert Correst DNo 2. Did samples orignate from including Hawaii and Puert Correst DNo 2. Did samples orignate from including Hawaii and Puert Correst DNo 2. Did samples orignate from including Hawaii and Puert Correst DNo 2. Did samples orignate from including Hawaii and Puert Correst DNo 5. Did samples orignate from including Hawaii and Puert Cifes DNo 10. Did samples orignate from including Hawaii and Puert Dives DNo</td></t<>	Commercial Jace Dther Bags Ziploc Jone Other Temperature BI Bags Ziploc Jone Other Type of Ice: We Correction Factor: + O.1	Commercial Date Dther Temperature Blank Press Bags Date Date Type of Ice: Weight Blue Correction Factor: + O.1 Date and Initials of person examining contents: Cooler Temperature Corrected(*C): 28 Date samples orignate from including Hawaii and Puert Desc DNo Date Did samples orignate from including Hawaii and Puert Correst DNo 2. Did samples orignate from including Hawaii and Puert Correst DNo 2. Did samples orignate from including Hawaii and Puert Correst DNo 2. Did samples orignate from including Hawaii and Puert Correst DNo 2. Did samples orignate from including Hawaii and Puert Correst DNo 2. Did samples orignate from including Hawaii and Puert Correst DNo 2. Did samples orignate from including Hawaii and Puert Correst DNo 2. Did samples orignate from including Hawaii and Puert Correst DNo 2. Did samples orignate from including Hawaii and Puert Correst DNo 5. Did samples orignate from including Hawaii and Puert Cifes DNo 10. Did samples orignate from including Hawaii and Puert Dives DNo



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

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 Mack

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

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC





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

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



SAMPLE SUMMARY

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

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70208111001		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



SAMPLE ANALYTE COUNT

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

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70208111001		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



Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: N-09338 (SEAMAN NEC WELL)-0	CK 4 Lab ID:	70208111001	Collecte	d: 03/21/2	2 10:15	Received: 03/	/21/22 11:31 Ma	atrix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW		Method: SM22 lytical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/21/22 17:55 03/21/22 17:55			



Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: N-09338 (SEAMAN NEC WELL)-2	K 4 Lab ID:	70208111002	Collecte	d: 03/21/2	2 10:17	Received: 03	/21/22 11:31 Ma	atrix: Drinking	Nater
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW		Method: SM22 lytical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/21/22 17:55 03/21/22 17:55			



Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: N-09338 (SEAMAN NEC WELL)-5	K 4 Lab ID:	70208111003	Collecte	d: 03/21/2	2 10:20	Received: 03/	/21/22 11:31 Ma	atrix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW		Method: SM22 lytical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/21/22 17:55 03/21/22 17:55			



Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: N-09338 (SEAMAN NE WELL)	CK 4 Lab ID:	70208111004	Collecte	d: 03/21/2	2 10:25	Received: 03	/21/22 11:31 Ma	atrix: Drinking	Nater
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	Method: SM22		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/21/22 17:55 03/21/22 17:55	03/22/22 11:55 03/22/22 11:55		



Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: N-09338 (SEAMAN NEO WELL)	CK 4 Lab ID:	70208111005	Collecte	d: 03/21/2	2 10:45	Received: 03/	/21/22 11:31 Ma	atrix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW		Method: SM22 lytical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/21/22 17:55 03/21/22 17:55	03/22/22 11:55 03/22/22 11:55		



Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: N-09338 (SEAMAN NECH WELL)-D	(4 Lab ID:	70208111006	Collecte	d: 03/21/2	2 10:47	Received: 03	/21/22 11:31 Ma	atrix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW		Method: SM22		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/21/22 17:55 03/21/22 17:55			



Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: GAC-3S/4S-VESSEL#10	0-0 Lab ID: 7	70208111007	Collected	: 03/21/2	2 08:30	Received: 03/	21/22 11:31 Ma	atrix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW		Method: SM22 rtical Services		ert Prepa	ration M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/21/22 17:55 03/21/22 17:55	03/22/22 11:55 03/22/22 11:55		



Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: GAC-3S/4S-VESSEL#10	0-2 Lab ID:	70208111008	Collected	: 03/21/2	2 08:32	Received: 03/	/21/22 11:31 Ma	atrix: Drinking '	Nater
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	Method: SM22 lytical Services		ert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/21/22 17:55 03/21/22 17:55			



Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: GAC-3S/4S-VESSEL#100	0-5 Lab ID:	70208111009	Collected	: 03/21/2	2 08:35	Received: 03/	21/22 11:31 Ma	atrix: Drinking \	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	Method: SM22 ytical Services		ert Prepa	ration M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/21/22 17:55 03/21/22 17:55	03/22/22 11:55 03/22/22 11:55		



Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: GAC-3S/4S-VESSEL#100- 10	Lab ID: 70208111010		Collecte	Collected: 03/21/22 08:40			/21/22 11:31 Ma	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	Method: SM22 lytical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/21/22 17:55 03/21/22 17:55			



Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: GAC-3S/4S-VESSEL#100- 30	Lab ID: 70208111011		Collecte	Collected: 03/21/22 09:00			/21/22 11:31 Ma	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	Method: SM22 lytical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/21/22 17:55 03/21/22 17:55			



Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: GAC-3S/4S-VESSEL#20	0-0 Lab ID: 70	208111012	Collected	: 03/21/2	2 09:15	Received: 03/	21/22 11:31 Ma	atrix: Drinking \	Nater
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	Analytical Me Pace Analytic			ert Prepa	ration M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/21/22 17:55 03/21/22 17:55	03/22/22 11:55 03/22/22 11:55		



Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: GAC-3S/4S-VESSEL#20	0-2 Lab ID: 7	70208111013	Collected	: 03/21/2	2 09:17	Received: 03/	/21/22 11:31 Ma	atrix: Drinking \	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	/lethod: SM22 tical Services		ert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/21/22 17:55 03/21/22 17:55			



Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: GAC-3S/4S-VESSEL#200	0-5 Lab ID:	70208111014	Collected	: 03/21/2	2 09:20	Received: 03/	21/22 11:31 Ma	atrix: Drinking \	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	Method: SM22 ytical Services		ert Prepa	ration M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/21/22 17:55 03/21/22 17:55	03/22/22 11:55 03/22/22 11:55		



Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: GAC-3S/4S-VESSEL#200- 10	Lab ID:	70208111015	Collecte	d: 03/21/2	2 09:25	Received: 03/	/21/22 11:31 Ma	atrix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	Method: SM22 lytical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/21/22 17:55 03/21/22 17:55			



Project: BACT SERIES 3/21

Pace Project No.: 70208111

Sample: GAC-3S/4S-VESSEL#200- 30	Lab ID:	70208111016	Collecte	d: 03/21/2	2 09:45	Received: 03/	/21/22 11:31 Ma	atrix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	Method: SM22 lytical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/21/22 17:55 03/21/22 17:55			



QUALITY CONTROL DATA

Project:	BACT SERIE	ES 3/21					
Pace Project No.:	70208111						
QC Batch:	249075		Analysis Met	hod: SI	W22 9223B Colilert		
QC Batch Method:	SM22 9223	B Colilert	Analysis Des	cription: To	tCoIDW MBIO Tota	al Coliform	
			Laboratory:	Pa	ace Analytical Serv	ices - Melville	
Associated Lab Sar	7020)8111001, 7020811100)8111008, 7020811100)8111015, 7020811101	9, 70208111010, 70	,	,	,	·
METHOD BLANK:	1258551		Matrix:	Drinking Water			
Associated Lab Sar	. 7020)8111001, 7020811100)8111008, 7020811100)8111015, 7020811101	9, 70208111010, 70	,	,	,	·
Parar	notor	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers	
							_
E.coli Total Coliforms			Absent Absent		03/22/22 11:55 03/22/22 11:55		
SAMPLE DUPLICA	TE: 1258552	2					
			70208118001	Dup		Max	
Parar	neter	Units	Result	Result	RPD	RPD	Qualifiers
E.coli			Absent	Absent			
Total Coliforms			Absent	Absent			

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



QUALIFIERS

Project: 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.



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





-CUSTODY / Analytical Request Document

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

	n A 70208: d Client Information:							_	Invoid	tion C	matic								_	1				Pa	ige;			of	
Compan	KOMAN Government Solutions, LLC	Report To: S	tepha	ne Roy					Atten	tion:	A	ccoun	ts P	ayabl	е														
Address	180 Gordon Dr., Suite 110	Сору То: 🛛	ЮН						Com	pany N	lame:	KON	ЛAN	Gove	emn	nent	Sol	ution	s, LL	REG	ULA'	FOR	Y AC	SENC	Y				
-	Exton, PA	-							Addre	ess:	a	count	tspa	yable	@ka	oma	ngs.	com		Γ	NPD	ES		GRO	UND	WAT	ER 🕅	DRINKI	IG WATER
Email To	sroy@komangs.com	Purchase Or	der No.:							Quote	00	00167	58							F	UST		[****	RCR	A		T I	OTHER	
Phone:	610-400-0622 Fax	Project Nam	e: NY	AW-MER	RICK OF	S FACILI	TY			Project	S	tuart N	Jur	ell	-				-	Site	Loca	tion	1						
Reques	ted Due Date/TAT:	Project Num	ber: 02	607-004					Manag Pace	ger. Profile :	#.								-		STA	TE:		N	Y				
									I		_		-	-	T	-	Re	nunea	sted	Analy	_	_	ned (Y/N)	-				
	Section D Valid Matrix C	adas	T	1				-	r	1		-	-	_	t	₹T	T	T	T		T	T		T	П				
	Required Client Information MATRIX	CODE	DMP)		COLL	ECTED				L	Pr	eserv	ative)S		N IA	N			\square			Ц		Ц				
	AR (A-Z, 0-9 /,-) Control (A-Z, 0-9 /,-) Control (A	P SL OL WP AR	E (see valid codes to left) (G=GRAB C=COMP)		KOSITE VRT	COMPO END/G	SITE RAB	AT COLLECTION	NERS							Fest 4	al/Ecoli)									lorine (Y/N)			
ITEM #	Sample IDs MUST BE UNIQUE TISSUE		MATRIX CODE SAMPLE TYPE	DATE	TIME	DATE	TIME	SAMPLE TEMP	# OF CONTAINERS		H ₂ SO ₄ HNO ₃	ΗC	NaUH Na-S-O-	Methanol	Other	-	Colilert (Fecal/Ecoli)									Residual Chlorine (Y/N)	Pace	Project N	o./ Lab I.D.
1	N-09338 (Seaman Neck 4 Well)		ow G			3-21-22	10:15		1	X	_			+	_	-	×	_	-	\vdash	_	-	\square	_		Ц			
2	N-09338 (Seaman Neck 4 Well)		ow G			3-21-22	- Constant		1	X			+	+			x	_	4	\square	_		Н			Ц	_		
3	N-09338 (Seaman Neck 4 Well)		ow G			3.31.32	10:20	-	1	X	+	+ +	+	+		- 0-	x	_	-	\vdash			\square			Н	ļ		
4	N-09338 (Seaman Neck 4 Well)-		ow e			7.21.22	10.00	_	1	X	_	++	+	+	_	8-	x	-	-	H	+		\square		+	H	_		
5	N-09338 (Seaman Neck 4 Well)-		ow c			3.21.22]	1	X	+	++	+	+	_		x	-	+			-	\square			\square			
6	N-09338 (Seaman Neck 4 Well)-3	0-D	ow a			3.31.22	10:47	1	1	×	+	++	+	+	-	ŀ	×		+-	\vdash	+-	-	\vdash	_	+	H			
7								-	-	+	+	┿	+	+	-	-	+		+-	┢┥	+	┢─	\vdash	-		H			
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		- Qa	_	Hel	hat	<u>)</u>	3-21-	22	Γ			Su	a	Ri	dit.	10	k	2		1	31	2(]2	2	1(31	2	2	W	ST.	V
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Page 24 of						ER NAME	_	_	_							_										ů	ы р	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
) 24						PRINT Nan	ne of SAMP	LER	Ran	idy H	offma	aster														Temp in "C	Received on Ice (Y/N)	C/N	(V/N)
of 27						SIGNATUR												TE SIg M/DD/							1	1 ^e	Ret	Seal	Sam

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not peid within 30 days.

F-ALL-Q-020rev.08, 12-Oct-2007



Page 25 of 27

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

Section A	a I Client Information:	Section B Required Pr	olact	Infor	mation						tion C lice Inf		tion:														Pa	ge :	1	Of	1
Company		Report To:	_	-	regory				-	-	ntion:	_	ccoun	_	vahle		_	_		_	-	_					1.42	201			
Address:	180 Gordon Dr., Suite 110	Copy To:	NCD		egoly	_		_	-		pany h	_	_	_		nme	ont So	olutio	ons, L	LC				-1							
	Exton, PA	1			_					Add	ress:	а	ccou	ntsp	ayab	le@	kom	and	IS,C	om					1			Regulat	tory Age	ncy	
Email:	RGregory@komangs.com	Purchase Or	der#:		02607-20	04		-	_	Pace	e Quole	e:								_											
Phone:	(610) 400-0636 Fax	Project Nam		-			FACILIT	(Pace	e Proje	ot Ma	inage	r:	Kim	bërle	y.Ma	ck@	Pac	elabs	com							State	/Locatio	n	
011016021014	d Due Date:	Project #: 02	607-2	04			_		_	Pace	e Profil	e#:																	NY		
		<u></u>		_						-							1		8.1	Ree	quest	ed An	alysis	Filter	ed ()	(/N)	3.0		1.0	1 1 1 miles	1
	MATRIXO	CODED	to left)	(AM)		COLL	ECTED					F	Prese	ervati	ives			NY													¥
-	Drinking W Wake TU Vikats Wik ProductO SalVSold Old	ater0 0W0 WT0 er0 WW0 P0 1 SL0 010	(see valid codes to	(G=GRAB C=COMP)	ST/	ART	E	ND	AT COLLECTION	SS								Test	coli)									ine (Y/N)			
item #	One Character per box.□ Wpe⊡ (A-Z, 0-9 /, -)□ Air⊡ Carter⊡ Sample Ids must be unique Tissue	WPO Ard Oto TS	MATRIX CODE	SAMPLE TYPE	DATE	TIME	DATE	TIME	SAMPLE TEMP A	# OF CONTAINERS	Unpreserved	H2SO4	P I	NaOH	Na2S2O3	Methanol	Other	Analyses	Colilert (Fecal/Ecoli)									Residual Chlorine (Y/N)			
	GAC-3S/4S-Vessel#100-0		DW				1 21.72	8:30	Γ	1	x		Т	Τ					x												
1	GAC-33/43-Vessel#100-0		Dvv	G			3-31-21					╈	+	┢	\vdash		-			+	+	+	\vdash	-	┢	┢	\vdash	- 1			
2	GAC-3S/4S-Vessel#100-2		DW	G		-		5.32	┢	1	x	╉	╋	+	H		-		х	+	+	┢	Η	+	┿	+	┝┼	-			
3	GAC-3S/4S-Vessel#100-5		DW	G			3-21-2)	835	-	1	x	_		_					х	\downarrow	_	\vdash			+		┢┼				
4	GAC-3S/4S-Vessel#100-10		DW	G		>	3-21-27	8:40		1	x	_	_						х				\square		+		H	_			
5	GAC-3S/4S-Vessel#100-30		DW	G			3-21-22	9:00		1	x								х		_				_		\vdash				
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						SIC	SNATURE	of SAMF	LER	11	Ran	uy r	onn	asie	12					DATE	Signe	ed:		-				TEMP in C	Recei Se Celo Se C	custo	Samples ntact0 (Y/N)

PaceAnalytical

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

Section Require	A d Client Information:	Section B Required Pro	ject l	Informati	on:				Secti Involo			ation:											_			Pi	age :	1	of	1
Company	V: KOMAN Government Solutions, LLC	Report To:	Robe	rt Gregor	/				Attent	_		ссоип			_				_	_		_								
Address:	: 180 Gordon Dr., Suite 110	Copy To:	NCD	он				0	Comp	oany l	Name	⊨ KC	MAN	Gove	rnme.	nt So	lutio	ns, Ll	C			_								
	Exton, PA							1	Addre	ISS:	a	ccou	ntspa	ayab	le@l	<u>kom</u>	anc	<u>IS.CO</u>	m								Regula	tory Agen	¢y	
Email:	RGregory@komangs.com	Purchase Ord	_		7-204				Pace					_						_					_					
Phone:	(610) 400-0636 Fax	Project Name:			ERRICK OF	PS FACILIT	ΓΥ	_				inage		Kim	perley	y Max	k@	Page	labs,	com		_					State	/Location		
Request	ed Due Date:	Project #: 026	07-20	04				F	Pace	Profil	le#:	_	_	_	_		_	_			_			_	_			NY		_
					_	_				_			_	_			_	-	Requ	Jester	d Ana	lysis	Filter	ed (Y	(N)					
	MATRIXO	CODED	to left)	COMPJ	COL	LECTED					F	Prese	ervativ	ves		1417	N											_		
ITEM #	Orinking W Water Warte Wart Varte Wart Producti SamPLE ID SamPLE ID Sample Ids must be unique Sample Ids must be unique	WTO IrO WWO PO	(see valid codes	SAMPLE TYPE (G=GRAB C=C				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H2SO4	HCI	NaOH	Na2S2O3	Methanol		Analyses lest	Colilert (Fecal/Ecoli)									Residual Chlorine (V/N)			
1	GAC-3S/4S-Vessel#200-0		DW	G		1.21.2	29:15		1 >	(Í		Ì	x	T			Ĩ								
2	GAC-3S/4S-Vessel#200-2		DW	G		321-2	2 9:17		1 >	(x												
3	GAC-3S/4S-Vessel#200-5		DW	G		3 51.2	2 9:20		1 >									x												
4	GAC-3S/4S-Vessel#200-10		DW	G		3.21.22	9:25		1 >									x												
5	GAC-3S/4S-Vessel#200-30		DW	G		2312	2 9:45		1 >									x												
6																														
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8												Τ					ſ									\Box				
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12																	ľ													
	ADDITIONAL COMMENTS	RE	ELING	UISHED E	Y / AFFILIA	TION	DATE		т	IME	T			ACCE	PTEC	BY /	AFF	ILIAT	ON			D/	ATE	T	TIME			SAMPLE	CONDITION	s
		Gan	rel	- Ho	ll A	6	3.21-2	2				S	un	UR	2	15-	í)	15	5			3/2	21/2	2 i	13	Π	2-2	w	11	4
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<u>2</u>					PF	RINT Nam	e of SAMPL	ER:		20-	d	offer															U E	/ed on	200	es
37					SI	GNATURI	E of SAMPL	ER:		and	uy H	offm	aster				Т	D	ATE S	ilgned	l:					-	TEMP in C	Receiv Se Ceiv	Custody Sealed Cooler D	Samples ntact0

	Sa	ample (Conditio	n Upo	n Rece	WO#:702	08111
Pace Analytical [®]	Client N	ame-				the state of the second s	Due Date: 03/28/22
/	1000	mein				CLIENT: KGS	
Courier: Fed Ex UPS USPS		ercial	ace 🗇 the	r	-		
Tracking #:							
Custody Seal on Cooler/Box Present:	S DANO	Seals in	tact: 🗆 Yes	No [IN/A	Temperature Blank P	resent: Yes No
Packing Material: Bubble Wrap Bubble	Baos 🗆	Ziploc 🗖	None 10th	er	20 C 1	Type of Ice: (Wet) B	
Thermometer Used: TH091	Correcti	ion Factor	+ 0.1		ſ	Samples on ice, cooling	process has begun
Cooler Temperature(°C): 2-1			re Correcte	d(°C):	22	Date/Time 5035A kits	
Temp should be above freezing to 6.0°C	-					-0	
USDA Regulated Soil (\square M/A, water sample)			Date an	d Initials of per	son examining conten	ts: SPA123/21/22
Did samples originate in a quarantine zone wi	thin the U	nited State	s: AL, AR, CA,	FL, GA, ID	, LA, MS, NC,	Did samples orignate f	
NM NY OK OP SC TN TX or VA (check man)?	🗆 Ye	s 🗆 No				including Hawaii and Pi	Jerto Rico)? 🛛 Yes 🖉 No
If Yes to either question, fill out a Regulate	ed Soil Ch	ecklist (F-	LI-C-010) ar	nd includ	e with SCUR/CC)C paperwork.	
						COMMENTS:	
Chain of Custody Present:	D ¥es	DNo		1.			
Chain of Custody Filled Out:	ElYes	⊡No		2			
Chain of Custody Relinquished:	Wes-	ΠNο		3.			
Sampler Name & Signature on COC:	D¥es	⊡No	□N/A	4.			
Samples Arrived within Hold Time:	DYes,	⊡No		5.			
Short Hold Time Analysis (<72hr):	EYes	⊡No		6.			
Rush Turn Around Time Requested:	⊡Yes	DINO		7.			
Sufficient Volume: (Triple volume provided for	1 Tayes	⊡No		8.			
Correct Containers Used:	DYes	⊡No		9.			
-Pace Containers Used:	DYes	⊡No					
Containers Intact:	DVes	⊡No	1	10.			
Filtered volume received for Dissolved tests	⊡Yes	⊡No	DN/A	11.	Note if sedin	nent is visible in the diss	olved container.
Sample Labels match COC:	Dyes	DNo		12.			
-Includes date/time/ID, Matrix: SL(WT)	OIL						
All containers needing preservation have bee	n 🗆Yes	⊡No	DN/A	13.	\Box HNO ₃	\Box H ₂ SO ₄ \Box NaOH	
checked?							
pH paper Lot #				Sample	#		
All containers needing preservation are found				Janpie	#		
in compliance with method recommendation		F No	DN/A				
$(HNO_3, H_2SO_4, HCl, NaOH>9$ Sulfide,	⊡Yes	Ľ⊐No	LUDYA				
NAOH>12 Cyanide)	roppo						
Exceptions: VOA, Coliform, TOC/DOC, Oil and G DRO/8015 (water).	16926			Initial w	hen completed:	Lot # of added	Date/Time preservative
					nen een pietee.	preservative:	added:
Per Method, VOA pH is checked after analysis Samples checked for dechlorination:) _Yes	⊡No	A/AD	14.		16	
Ki starch test strips Lot #			C. Martine	1			
Residual chlorine strips Lot #			1		Positive for Re	s. Chlorine? Y N	
SM 4500 CN samples checked for sulfide?	⊡Yes	⊡No	DN/A	15.			
Lead Acetate Strips Lot #	00				Positive for Su	lfide? Y N	
Headspace in VOA Vials (>6mm):	⊡Yes		DN/A	16.			
Trip Blank Present:	□Yes	DNo	DN/A	17.			
Trip Blank Custody Seals Present	⊡Yes	□No	BN/A				
Pace Trip Blank Lot # (if applicable):							
Client Notification/ Resolution:				Field Da	ta Required?	Y / N	
Person Contacted:					Date/Time:		
Person contacteur							
Comments/ Resolution:							

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

ENV-FRM-MELV-0024 01



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

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 Mack

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

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC





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

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



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



SAMPLE ANALYTE COUNT

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

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70208197001		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
0208197007	GAC-3S/4S-VESSEL#500	SM22 9223B Colilert	SDO	2
0208197008	GAC-3S/4S-VESSEL#500	SM22 9223B Colilert	SDO	2
0208197009	GAC-3S/4S-VESSEL#500	SM22 9223B Colilert	SDO	:
0208197010	GAC-3S/4S-VESSEL#500	SM22 9223B Colilert	SDO	2
0208197011	GAC-3S/4S-VESSEL#500	SM22 9223B Colilert	SDO	:
0208197012	GAC-3S/4S-VESSEL#600	SM22 9223B Colilert	SDO	2
0208197013	GAC-3S/4S-VESSEL#600	SM22 9223B Colilert	SDO	2
0208197014	GAC-3S/4S-VESSEL#600	SM22 9223B Colilert	SDO	2
0208197015	GAC-3S/4S-VESSEL#600	SM22 9223B Colilert	SDO	2
0208197016	GAC-3S/4S-VESSEL#600	SM22 9223B Colilert	SDO	2

PACE-MV = Pace Analytical Services - Melville



Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: N-14347 (SEAMAN NEC WELL)	K 3 Lab ID:	70208197001	Collecte	d: 03/22/2	2 09:20	Received: 03/	/22/22 11:50 Ma	trix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	Method: SM22 lytical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/22/22 18:50 03/22/22 18:50			



Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: N-14347 (SEAMAN NEC WELL)	K 3 Lab ID:	70208197002	Collecte	d: 03/22/2	2 09:22	Received: 03/	/22/22 11:50 Ma	trix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW		Method: SM22 lytical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/22/22 18:50 03/22/22 18:50			



Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: N-14347 (SEAMAN NEC WELL)	K 3 Lab ID:	70208197003	Collecte	d: 03/22/2	2 09:25	Received: 03/	/22/22 11:50 Ma	trix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW		Method: SM22 lytical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/22/22 18:50 03/22/22 18:50			



Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: N-14347 (SEAMAN NEW WELL)	CK 3 Lab ID:	70208197004	Collecte	d: 03/22/2	22 09:30	Received: 03/	/22/22 11:50 Ma	trix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	Method: SM22 lytical Services		ilert Prepa	aration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/22/22 18:50 03/22/22 18:50			



Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: N-14347 (SEAMAN NECH WELL)	K 3 Lab ID:	70208197005	Collecte	d: 03/22/2	2 09:50	Received: 03/	/22/22 11:50 Ma	trix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW		Method: SM22 lytical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/22/22 18:50 03/22/22 18:50			



Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: N-14347 (SEAMAN NEC WELL)-D	CK 3 Lab ID:	70208197006	Collecte	d: 03/22/2	2 09:52	Received: 03/	/22/22 11:50 Ma	trix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	Method: SM22 lytical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/22/22 18:50 03/22/22 18:50			



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		Method: SM22 ytical Services		ert Prepa	ration M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/22/22 18:50 03/22/22 18:50			



Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#500	Lab ID: 70208	197008 Collect	Collected: 03/22/22 10:02			/22/22 11:50 Ma	Matrix: Drinking Water	
Parameters	Results Un	Report ts Limit	Reg. Limit D	F	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW		d: SM22 9223B Co Services - Melville	olilert Preparatio	n Me	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent		1	1 1	03/22/22 18:50 03/22/22 18:50			



Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#500	Lab ID: 70208197	09 Collected	Collected: 03/22/22 10:05		Received: 03/	/22/22 11:50 Ma	Matrix: Drinking Water	
Parameters	Results Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	Analytical Method: SI Pace Analytical Servi		ilert Prepar	ation M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent			1 1	03/22/22 18:50 03/22/22 18:50	03/23/22 12:50 03/23/22 12:50		



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 Me Pace Analytic			ert Prepar	ation M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/22/22 18:50 03/22/22 18:50	03/23/22 12:50 03/23/22 12:50		



Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#500	Lab ID: 702081970	11 Collected	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: SN Pace Analytical Servic		ilert Prepara	ation M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent			1 1	03/22/22 18:50 03/22/22 18:50	03/23/22 12:50 03/23/22 12:50		



Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#600	Lab ID: 7020819701	2 Collecte	Collected: 03/22/22 10:40			/22/22 11:50 Ma	Matrix: Drinking Water	
Parameters	Results Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	Analytical Method: SM2 Pace Analytical Service		ilert Prepar	ation M	lethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent			1 1	03/22/22 18:50 03/22/22 18:50			



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 Ma	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	Analytical Me Pace Analytic			ert Prepar	ation M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/22/22 18:50 03/22/22 18:50	03/23/22 12:50 03/23/22 12:50		



Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#600	Lab ID: 702081	97014 Collect	Collected: 03/22/22 10:45		Received: 03/22/22 11:50		Matrix: Drinking Water	
Parameters	Results Unit	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	Analytical Method Pace Analytical S		olilert Preparat	tion M	lethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent			1 1	03/22/22 18:50 03/22/22 18:50			



Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#600	Lab ID: 702081970	15 Collected	d: 03/22/22	2 10:50	Received: 03/	/22/22 11:50 Ma	atrix: Drinking	Water
Parameters	Results Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	Analytical Method: SN Pace Analytical Servic		lert Prepar	ation M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent			1 1	03/22/22 18:50 03/22/22 18:50	03/23/22 12:50 03/23/22 12:50		



Project: BACT SERIES 3/22

Pace Project No.: 70208197

Sample: GAC-3S/4S-VESSEL#600	Lab ID: 702	208197016	Collected	d: 03/22/22	2 11:10	Received: 03/	22/22 11:50 Ma	trix: Drinking	Nater
Parameters	Results L	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	Analytical Met Pace Analytica			lert Prepai	ation M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1				



QUALITY CONTROL DATA

Project:	BACTS	SERIES 3/22							
Pace Project No.:	702081	97							
QC Batch:	24923	5		Analysis Me	thod:	SM22 9223B Coliler	t		
QC Batch Method:	SM22	9223B Colilert	t	Analysis Des	scription:	TotCoIDW MBIO Tot	al Coliform		
				Laboratory:		Pace Analytical Serv	rices - Melville		
Associated Lab Sar	nples:	70208197008	, ,	,	,	70208197005, 7020 70208197012, 7020	,	'	
METHOD BLANK:	125946	1		Matrix:	Drinking Wate	er			
Associated Lab Sar	nples:	70208197008	, ,	,	,	70208197005, 7020 70208197012, 7020	,	'	
				Blank	Reporting				
Parar	neter		Units	Result	Limit	Analyzed	Qualifiers		
E.coli				Absent		03/23/22 12:50			
Total Coliforms				Absent		03/23/22 12:50			
SAMPLE DUPLICA	TE: 12	59462							
				70208299004	Dup		Max		
Parar	neter		Units	Result	Result	RPD	RPD	Qualifiers	
E.coli				Absent	Abser	nt			

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



QUALIFIERS

Project: 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.



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



Page 24 of 27

WO#: 70208197

Section A	A Contraction of the second seco	Section B								Sect					UZI	191	91														
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Email: Phone:	(610) 400-0636 Fax	Project Name	_	_			FACILITY	,	_		_		lanage	r'	166	nher	lov IV	lanks	n Pa	celab	s.com		_					State	/Location		
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	SAMPLE ID SowSold One Character per box. D WipeD	PO SLO OLO WPO	es Se	Ű	ST.		E		AT COLL	ERS								s Test	Ecoli)									orine (Y/			
ITEM #	(A-Z, 0-9 /, -)⊡ AirO OtherD Sample Ids must be unique Tissue	ARD OTD TS	MATRIX CODE	SAMPLE TYPE	DATE	TIME	DATE	TIME	SAMPLE TEMP AT	# OF CONTAINERS	Unpreserved	H2SO4	HNO3	NaOH	Na2S203	Methanol	Other	Analyses Test	Colilert (Fecal/									Residual Chlorine (Y/N)			
1	N-14347 (Seaman Neck 3 Well)	-0	DV	G			2.72.27	9:20	Γ		x			Τ	Τ	Γ	Γ	Π	x							Π					
2	N-14347 (Seaman Neck 3 Well)		DV	T			22:22		Γ	1		H		T	T	T	T		x				Π		T	\square					
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4	N-14347 (Seaman Neck 3 Well)	10	DV	V G				9.30	\vdash	H	^	\vdash	+	+	┢	╈	+		Ĥ		+	+	H	+	+	++	-				
5	N-14347 (Seaman Neck 3 Well)	30	DV	G			2222	9:50	1	1	×		+	╋	+	┢	+		X	_		┝	H	+	+	++	-	-			
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CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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	610-400-0622 Fax	Project Nar	me:	NYA	W-MERF	RICK OF	S FACILI	ΓY	-	Pace	rance: Projec	a e	Stuart	Mur	Tell						s	te Lo	catio	h	-					
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ITEM #			MATRIX CODE	SAMPLE.				718.45	SAMPLE TEMP	Ъ #	Jan	H₂SO₄	₽Į₽	NaOH	Na ₂ S ₂ O ₃	Other	Analysis	Colilert (Fecal/Ecoli)									Residual	Pace	Project I	No./ Lab I.D.
	GAC-3S/4S-Vessel#500-0		∠ DW	4	DATE	TIME	DATE 3-22-22	TIME				r r		H		+	F	X		\neg	1	\neg		1	H		1	1		
1	GAC-3S/4S-Vessel#500-2		DW	-			82222		F			++		H	\uparrow		1	x	+-+								T			
2	GAC-38/48-Vessel#500-5		DW	-				10:05	F	1		+		П			1	X	++											
4	GAC-3S/4S-Vessel#500-10		DW	-			8.22.22			1	x	\square		Π			1	X												
5	GAC-3S/4S-Vessel#500-30		DW	-			3.22.22			1	X	П		П			1	x				Γ								
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CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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	Required Client Information MATRIX DRNAWNG WATER WASTE WATER WASTE WATER PRODUCT SOIL/SOLID OIL SAMPLE ID AIR	CODE DW WT WW P SL OL WP AR	(see valid codes to left)	(G=GRAB C=COMP)	COMPC STAF			SITE RAB	AT COLLECTION	VERS			serva	atives	3	est L VI										Chlorine (Y/N)			
ITEM #	(A-Z, 0-9 / ,-) OTHER Sample IDs MUST BE UNIQUE TISSUE	OT TS	MATRIX CODE	SAMPLE TYPE	DATE	TIME	DATE	TIME	SAMPLE TEMP	# OF CONTAINERS	Unpreserved	H ₂ SO ₄ HNO ₃	HCI	NaUH Na ₂ S ₂ O ₃	Methanol	LAnalvsis T	Colilert (Fecal/Fcoli)									Residual Chic	Pace	Project N	io./ Lab I.D.
1	GAC-3S/4S-Vessel#600-0		DW	G			8.22.22	10:40		1	X						Ľ	<											
2	GAC-3S/4S-Vessel#600-2		DW	G			3:22-22	10:12		1	X						2	$\langle $		\square						Ц			
3	GAC-3S/4S-Vessel#600-5		DW	G			3.22.22	10:45		1	X						12	_		\square				_					
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Bans D		lone 🗆 Oth	ier	Type of Ice: Wet Bl	ue None
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Pace Analytical Services, LLC 575 Broad Hollow Road Melville, NY 11747 (631)694-3040

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 Mack

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

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC





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

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



SAMPLE SUMMARY

Project:BACT SERIES 3/23Pace 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



SAMPLE ANALYTE COUNT

Project:BACT SERIES3/23Pace 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



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 Ma	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW		Method: SM22 lytical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/23/22 18:28 03/23/22 18:28			



Project: BACT SERIES 3/23

Pace Project No.: 70208373

Sample: GAC-3S/4S-VESSEL#300	Lab ID: 70208373002		Collected: 03/23/22 10:17 F		Received: 03/	23/22 11:45 Ma	Matrix: Drinking Water		
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	Analytical Me Pace Analytic			lert Prepai	ation M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/23/22 18:28 03/23/22 18:28			



Project: BACT SERIES 3/23

Pace Project No.: 70208373

Sample: GAC-3S/4S-VESSEL#300	Lab ID: 7020837	3003 Collecte	ed: 03/23/22	10:20	Received: 03/	/23/22 11:45 Ma	atrix: Drinking	Water
Parameters	Results Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	Analytical Method: S Pace Analytical Ser		lilert Prepara	ation M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent			1 1	03/23/22 18:28 03/23/22 18:28			



Project: BACT SERIES 3/23

Pace Project No.: 70208373

Sample: GAC-3S/4S-VESSEL#300	mple: GAC-3S/4S-VESSEL#300 Lab ID: 70208373004		Collected: 03/23/22 10:25			Received: 03/	/23/22 11:45 Ma	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	/lethod: SM22 tical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/23/22 18:28 03/23/22 18:28			



Project: BACT SERIES 3/23

Pace Project No.: 70208373

ample: GAC-3S/4S-VESSEL#300 Lab ID: 70208373005		Collected: 03/23/22 10:45			Received: 03/	/23/22 11:45 Ma	Matrix: Drinking Water		
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	Method: SM22 lytical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/23/22 18:28 03/23/22 18:28			



Project: BACT SERIES 3/23

Pace Project No.: 70208373

Sample: GAC-3S/4S-VESSEL#400	Lab ID: 70208	373006 Collecte	d: 03/23/22 10:50	Received: 03/	/23/22 11:45 Ma	atrix: Drinking	Water
Parameters	Results Un	Report its Limit	Reg. Limit DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	d: SM22 9223B Col Services - Melville	ilert Preparation I	/lethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent		1 1	03/23/22 18:28 03/23/22 18:28			



Project: BACT SERIES 3/23

Pace Project No.: 70208373

ample: GAC-3S/4S-VESSEL#400 Lab ID: 70208373007		Collected: 03/23/22 10:52			Received: 03/	/23/22 11:45 Ma	Matrix: Drinking Water		
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	,	Method: SM22 ytical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/23/22 18:28 03/23/22 18:28			



Project: BACT SERIES 3/23

Pace Project No.: 70208373

Sample: GAC-3S/4S-VESSEL#400	nple: GAC-3S/4S-VESSEL#400 Lab ID: 70208373008		Collected: 03/23/22 10:55			Received: 03/	/23/22 11:45 Ma	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	2	lethod: SM22 tical Services		ilert Prepa	ration M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/23/22 18:28 03/23/22 18:28			



Project: BACT SERIES 3/23

Pace Project No.: 70208373

Sample: GAC-3S/4S-VESSEL#400	ample: GAC-3S/4S-VESSEL#400 Lab ID: 70208373009		Collected: 03/23/22 11:00			Received: 03/	/23/22 11:45 Ma	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW		Method: SM22 /tical Services		ilert Prepa	ration M	ethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	03/23/22 18:28 03/23/22 18:28			



Project: BACT SERIES 3/23

Pace Project No.: 70208373

Date: 03/24/2022 04:06 PM

Sample: GAC-3S/4S-VESSEL#400	Lab ID: 70208373	010 Collecte	Collected: 03/23/22 11:20 F		Received: 03/	/23/22 11:45 Ma	Matrix: Drinking Water	
Parameters	Results Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW	Analytical Method: S Pace Analytical Serv		lilert Prepara	ation M	lethod: SM22 922	23B Colilert		
Total Coliforms E.coli	Absent Absent			1 1	03/23/22 18:28 03/23/22 18:28			



QUALITY CONTROL DATA

Project:	BACT	SERIES 3/23						
Pace Project No.:	702083	373						
QC Batch:	2494	18		Analysis Me	thod:	SM22 9223B Colilert		
QC Batch Method:	SM22	2 9223B Colilert		Analysis De	scription:	TotCoIDW MBIO Tota	l Coliform	
				Laboratory:		Pace Analytical Servi	ces - Melville	
Associated Lab Sar	nples:	,	,	70208373003, 7 70208373010	70208373004,	70208373005, 70208	373006, 702083	373007,
METHOD BLANK:	126029	95		Matrix	Drinking Wa	ter		
Associated Lab Sar	nples:	,	,	70208373003, 7 70208373010	70208373004,	70208373005, 70208	373006, 702083	373007,
				Blank	Reporting			
Parar	neter		Units	Result	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

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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.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

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

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytica 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

WO#:70208373

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ione:	(610) 400-0636 Fax	Project Name	-	_	AW-MERR	RICK OPS	5 FACILIT	Υ	_		_	ct Mar	lager	-	Kim	perle	y Ma	ckø	Pag	alab	s.con	1	-	_	-				Sta	te / Loc	ation	2	
equested	Due Date:	Project #: 02	607-2	204	_		_		_	Pace	Profile	е#:	_	_		_		_							1			-	-	NY	_		_
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ITEM #	MATRKO MATRKO WaterO Wate Wa Wate Wa Wate Wa Wate Wa Solv3olla One Character per box. (A-Z, 0-9 /, -) Sample Ids must be unique MATRKO WaterO Sample Character Per box. Matrkow WaterO Sample Character Per box. Matrkow Solv3olla Olla OtherO Tissue	Valero DWO WTO VWO PD	MATRIX CODE (see valid codes to left)		STA			TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved		P			Methanol	1	t,	Colilert (Fecal/Ecoli)										Decidinal Chloring MMD	Kesidual Chionne (7/N)			
1	GAC-3S/4S-Vessel#300-0		DW	G			Î.	10115		1)	<		İ				Í	Î	x	T													
2	GAC-3S/4S-Vessel#300-2		DV	G			\$ 23-22	10:17		1 >	<								x														
3	GAC-3S/4S-Vessel#300-5		DW	G			323 22	10:20		1 >	×								x										-				
4	GAC-3S/4S-Vessel#300-10		DV	G			\$23.23	10:25		1)	<								x									_					
5	GAC-3S/4S-Vessel#300-30		DV	G			\$23.22	10:45	Ł	1)	<	+							x		_	\downarrow	\downarrow		1_			_	_				
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Page 18 of 20



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

| Exton, PA
regory@komangs.com
(610) 400-0636 Fax
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Drinking Vi | Purchase Or
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		on					
Courier: Fed Ex UPS USPS	Comme	ercial L'a	ace Lutier	í			1
Tracking #:		Casla in	taat. DVos		10	L Temperature Blank Pr	resent. Yes I No
Custody Seal on Cooler/Box Present:	S LINO	Seals In			PA	Type of Ice: Web Bl	
Packing Material: Bubble Wrap Dubble	e Bags 📋	Zipioc		IEI		Samples on ice, cooling	
Thermometer Used: TH091		ion Factor:	+ 0.1	dec).	13,2		
Cooler Temperature(°C): 3-1	_Cooler I	emperatu	re Correcte		Dir		
Temp should be above freezing to 6.0°C USDA Regulated Soil (@M/A, water sample	2]			Date and I	nitials of pe	rson examining conten	ts: S/Arc 3/23/22
Did samples originate in a quarantine zone w	ithin the U	nited State	s: AL, AR, CA,	, FL, GA, ID, L/	, MS, NC,	Did samples orignate fr	rom a foreign source
NM NV OK OD SC TN TY or VA (check man)?	> □Ye	s LINO				including Hawaii and Pu	ierto Rico)? 🛛 Yes 🏹 No
If Yes to either question, fill out a Regulat	ed Soil Ch	ecklist (F-	LI-C-010) ar	nd include v	vith SCUR/CO	C paperwork.	
						COMMENTS:	
Chain of Custody Present:	LEYes	⊡No		1.			
Chain of Custody Filled Out:	Elves	No		2.			
Chain of Custody Relinquished:	DYes.	DNo		3.			
Sampler Name & Signature on COC:	Dives		⊡N/A	4.			
Samples Arrived within Hold Time:	LIVes	⊡No		5.			
Short Hold Time Analysis (<72hr):	Carres	⊡No		6.			
Rush Turn Around Time Requested:	⊡Yes	LINO		7			
Sufficient Volume: (Triple volume provided fo	r I 🗆 Yes	□No		8.			
Correct Containers Used:	Lives	□No		9.			
-Pace Containers Used:	LUYes	⊡No					
Containers Intact:	DYes	⊡No		10.			
Filtered volume received for Dissolved tests	□Yes	⊡No	CIN/A	11.	Note if sedir	nent is visible in the diss	olved container.
Sample Labels match COC:	UYes	⊡No		12.			
-Includes date/time/ID, Matrix: SL WT	OIL						
All containers needing preservation have been	en 🗆 Yes	⊡No	DAHA	13.	\Box HNO ₃	\Box H ₂ SO ₄ \Box NaOH	
checked?							
pH paper Lot #				Sample #			
All containers needing preservation are foun				Southe #			
in compliance with method recommendation			DN/A				
(HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide,	⊡Yes	⊡No	L R/A				
NAOH>12 Cyanide)	Crosse						
Exceptions: VOA, Coliform, TOC/DOC, Oil and	018926			Initial whe	n completed:	Lot # of added	Date/Time preservative
DR0/8015 (water).	c					preservative:	added:
Per Method, VOA pH is checked after analysi Samples checked for dechlorination:	Yes	⊡No	EN/A	14.			
KI starch test strips Lot #							
Residual chlorine strips Lot #				× 6	Positive for Re	es. Chlorine? Y N	
SM 4500 CN samples checked for sulfide?	□Yes	DNo	DH/A	15.			
Lead Acetate Strips Lot #			9291 M	1	Positive for Su	ılfide? Y N	
Headspace in VOA Vials (>6mm):	⊡Yes	DNo	DH/A	16.			
Trip Blank Present:	□Yes		DN/A	17.			
Trip Blank Custody Seals Present	⊡Yes	⊡No	ON/A				
Pace Trip Blank Lot # (if applicable):							
Client Notification/ Resolution:				Field Data	Required?	Y / N	
					Date/Time:		
Comments/ Resolution:							
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• PM (Project Manager) review is documented electronically in LIMS.

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