

January 30, 2023

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

RE: Project: NYAW MERRICK OPS FACILITY 1/25
Pace Project No.: 70244308

Dear Robert Gregory:

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

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

- Pace Analytical Services - Melville

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

Sincerely,



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

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: NYAW MERRICK OPS FACILITY 1/25

Pace Project No.: 70244308

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

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SAMPLE SUMMARY

Project: NYAW MERRICK OPS FACILITY 1/25
Pace Project No.: 70244308

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70244308001	GAC-3S/4S(SEAMAN NECK GAC EFF.	Drinking Water	01/25/23 09:45	01/25/23 12:20
70244308002	GAC-3S/4S(SEAMAN NECK GAC)-D	Drinking Water	01/25/23 09:48	01/25/23 12:20
70244308003	WELL 3A N-14347 (INFLUENT)	Drinking Water	01/25/23 09:15	01/25/23 12:20
70244308004	WELL 4 N-09338 (INFLUENT)	Drinking Water	01/25/23 09:55	01/25/23 12:20

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SAMPLE ANALYTE COUNT

Project: NYAW MERRICK OPS FACILITY 1/25

Pace Project No.: 70244308

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70244308001	GAC-3S/4S(SEAMAN NECK GAC EFF.	EPA 522	SPM	2
		EPA 524.2	KGG	62
70244308002	GAC-3S/4S(SEAMAN NECK GAC)-D	EPA 524.2	KGG	62
70244308003	WELL 3A N-14347 (INFLUENT)	EPA 522	SPM	2
		EPA 524.2	KGG	62
70244308004	WELL 4 N-09338 (INFLUENT)	EPA 522	SPM	2
		EPA 524.2	KGG	62

PACE-MV = Pace Analytical Services - Melville

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ANALYTICAL RESULTS

Project: NYAW MERRICK OPS FACILITY 1/25

Pace Project No.: 70244308

Sample: GAC-3S/4S(SEAMAN NECK GAC EFF. **Lab ID:** 70244308001 Collected: 01/25/23 09:45 Received: 01/25/23 12:20 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
522 MSS 1,4 Dioxane (SIM)									
Analytical Method: EPA 522 Preparation Method: EPA 522									
Pace Analytical Services - Melville									
1,4-Dioxane (p-Dioxane)	1.5	ug/L	0.020		1	01/26/23 13:23	01/27/23 12:25	123-91-1	
Surrogates									
1,4-Dioxane-d8 (S)	81	%	70-130		1	01/26/23 13:23	01/27/23 12:25		
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Melville									
Benzene	<0.50	ug/L	0.50		5		01/26/23 19:03	71-43-2	
Bromobenzene	<0.50	ug/L	0.50		1		01/26/23 19:03	108-86-1	
Bromochloromethane	<0.50	ug/L	0.50		1		01/26/23 19:03	74-97-5	
Bromodichloromethane	<0.50	ug/L	0.50	80	1		01/26/23 19:03	75-27-4	
Bromoform	<0.50	ug/L	0.50	80	1		01/26/23 19:03	75-25-2	
Bromomethane	<0.50	ug/L	0.50		1		01/26/23 19:03	74-83-9	
n-Butylbenzene	<0.50	ug/L	0.50		1		01/26/23 19:03	104-51-8	
sec-Butylbenzene	<0.50	ug/L	0.50		1		01/26/23 19:03	135-98-8	
tert-Butylbenzene	<0.50	ug/L	0.50		1		01/26/23 19:03	98-06-6	
Carbon tetrachloride	<0.50	ug/L	0.50		5	1	01/26/23 19:03	56-23-5	
Chlorobenzene	<0.50	ug/L	0.50		100	1	01/26/23 19:03	108-90-7	
Chlorodifluoromethane	<0.50	ug/L	0.50		1		01/26/23 19:03	75-45-6	L1,N3
Chloroethane	<0.50	ug/L	0.50		1		01/26/23 19:03	75-00-3	
Chloroform	<0.50	ug/L	0.50	80	1		01/26/23 19:03	67-66-3	
Chloromethane	<0.50	ug/L	0.50		1		01/26/23 19:03	74-87-3	L1
2-Chlorotoluene	<0.50	ug/L	0.50		1		01/26/23 19:03	95-49-8	
4-Chlorotoluene	<0.50	ug/L	0.50		1		01/26/23 19:03	106-43-4	
Dibromochloromethane	<0.50	ug/L	0.50	80	1		01/26/23 19:03	124-48-1	
Dibromomethane	<0.50	ug/L	0.50		1		01/26/23 19:03	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	0.50	600	1		01/26/23 19:03	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	0.50		1		01/26/23 19:03	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	0.50	75	1		01/26/23 19:03	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	0.50		1		01/26/23 19:03	75-71-8	v3
1,1-Dichloroethane	<0.50	ug/L	0.50		1		01/26/23 19:03	75-34-3	
1,2-Dichloroethane	<0.50	ug/L	0.50	5	1		01/26/23 19:03	107-06-2	
1,1-Dichloroethene	<0.50	ug/L	0.50	7	1		01/26/23 19:03	75-35-4	
cis-1,2-Dichloroethene	<0.50	ug/L	0.50	70	1		01/26/23 19:03	156-59-2	
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	100	1		01/26/23 19:03	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	0.50	5	1		01/26/23 19:03	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	0.50		1		01/26/23 19:03	142-28-9	
2,2-Dichloropropane	<0.50	ug/L	0.50		1		01/26/23 19:03	594-20-7	
1,1-Dichloropropene	<0.50	ug/L	0.50		1		01/26/23 19:03	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	0.50		1		01/26/23 19:03	10061-01-5	
trans-1,3-Dichloropropene	<0.50	ug/L	0.50		1		01/26/23 19:03	10061-02-6	
Ethylbenzene	<0.50	ug/L	0.50	700	1		01/26/23 19:03	100-41-4	
Hexachloro-1,3-butadiene	<0.50	ug/L	0.50		1		01/26/23 19:03	87-68-3	
Isopropylbenzene (Cumene)	<0.50	ug/L	0.50		1		01/26/23 19:03	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	0.50		1		01/26/23 19:03	99-87-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW MERRICK OPS FACILITY 1/25
Pace Project No.: 70244308

Sample: GAC-3S/4S(SEAMAN NECK GAC EFF.) **Lab ID:** 70244308001 Collected: 01/25/23 09:45 Received: 01/25/23 12:20 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Melville									
Methylene Chloride	<0.50	ug/L	0.50	5	1		01/26/23 19:03	75-09-2	
Methyl-tert-butyl ether	<0.50	ug/L	0.50		1		01/26/23 19:03	1634-04-4	
n-Propylbenzene	<0.50	ug/L	0.50		1		01/26/23 19:03	103-65-1	
Styrene	<0.50	ug/L	0.50	100	1		01/26/23 19:03	100-42-5	
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50		1		01/26/23 19:03	630-20-6	
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50		1		01/26/23 19:03	79-34-5	
Tetrachloroethene	<0.50	ug/L	0.50	5	1		01/26/23 19:03	127-18-4	
Toluene	<0.50	ug/L	0.50	1000	1		01/26/23 19:03	108-88-3	
Total Trihalomethanes (Calc.)	<0.50	ug/L	0.50	80	1		01/26/23 19:03		
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50		1		01/26/23 19:03	87-61-6	
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	70	1		01/26/23 19:03	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	0.50	200	1		01/26/23 19:03	71-55-6	
1,1,2-Trichloroethane	<0.50	ug/L	0.50	5	1		01/26/23 19:03	79-00-5	
Trichloroethene	<0.50	ug/L	0.50	5	1		01/26/23 19:03	79-01-6	
Trichlorofluoromethane	<0.50	ug/L	0.50		1		01/26/23 19:03	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	0.50		1		01/26/23 19:03	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.50	ug/L	0.50		1		01/26/23 19:03	76-13-1	L1,N3
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50		1		01/26/23 19:03	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50		1		01/26/23 19:03	108-67-8	
Vinyl chloride	<0.50	ug/L	0.50	2	1		01/26/23 19:03	75-01-4	
m&p-Xylene	<0.50	ug/L	0.50		1		01/26/23 19:03	179601-23-1	
o-Xylene	<0.50	ug/L	0.50		1		01/26/23 19:03	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	95	%	70-130		1		01/26/23 19:03	2199-69-1	
4-Bromofluorobenzene (S)	91	%	70-130		1		01/26/23 19:03	460-00-4	

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ANALYTICAL RESULTS

Project: NYAW MERRICK OPS FACILITY 1/25

Pace Project No.: 70244308

Sample: **GAC-3S/4S(SEAMAN NECK GAC)-D** Lab ID: **70244308002** Collected: 01/25/23 09:48 Received: 01/25/23 12:20 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Melville									
Benzene	<0.50	ug/L	0.50		5	1	01/26/23 19:25	71-43-2	
Bromobenzene	<0.50	ug/L	0.50			1	01/26/23 19:25	108-86-1	
Bromochloromethane	<0.50	ug/L	0.50			1	01/26/23 19:25	74-97-5	
Bromodichloromethane	<0.50	ug/L	0.50	80		1	01/26/23 19:25	75-27-4	
Bromoform	<0.50	ug/L	0.50	80		1	01/26/23 19:25	75-25-2	
Bromomethane	<0.50	ug/L	0.50			1	01/26/23 19:25	74-83-9	
n-Butylbenzene	<0.50	ug/L	0.50			1	01/26/23 19:25	104-51-8	
sec-Butylbenzene	<0.50	ug/L	0.50			1	01/26/23 19:25	135-98-8	
tert-Butylbenzene	<0.50	ug/L	0.50			1	01/26/23 19:25	98-06-6	
Carbon tetrachloride	<0.50	ug/L	0.50	5		1	01/26/23 19:25	56-23-5	
Chlorobenzene	<0.50	ug/L	0.50	100		1	01/26/23 19:25	108-90-7	
Chlorodifluoromethane	<0.50	ug/L	0.50			1	01/26/23 19:25	75-45-6	L1,N3
Chloroethane	<0.50	ug/L	0.50			1	01/26/23 19:25	75-00-3	
Chloroform	<0.50	ug/L	0.50	80		1	01/26/23 19:25	67-66-3	
Chloromethane	<0.50	ug/L	0.50			1	01/26/23 19:25	74-87-3	L1
2-Chlorotoluene	<0.50	ug/L	0.50			1	01/26/23 19:25	95-49-8	
4-Chlorotoluene	<0.50	ug/L	0.50			1	01/26/23 19:25	106-43-4	
Dibromochloromethane	<0.50	ug/L	0.50	80		1	01/26/23 19:25	124-48-1	
Dibromomethane	<0.50	ug/L	0.50			1	01/26/23 19:25	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	0.50	600		1	01/26/23 19:25	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	0.50			1	01/26/23 19:25	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	0.50	75		1	01/26/23 19:25	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	0.50			1	01/26/23 19:25	75-71-8	v3
1,1-Dichloroethane	<0.50	ug/L	0.50			1	01/26/23 19:25	75-34-3	
1,2-Dichloroethane	<0.50	ug/L	0.50	5		1	01/26/23 19:25	107-06-2	
1,1-Dichloroethene	<0.50	ug/L	0.50	7		1	01/26/23 19:25	75-35-4	
cis-1,2-Dichloroethene	<0.50	ug/L	0.50	70		1	01/26/23 19:25	156-59-2	
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	100		1	01/26/23 19:25	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	0.50	5		1	01/26/23 19:25	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	0.50			1	01/26/23 19:25	142-28-9	
2,2-Dichloropropane	<0.50	ug/L	0.50			1	01/26/23 19:25	594-20-7	
1,1-Dichloropropene	<0.50	ug/L	0.50			1	01/26/23 19:25	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	0.50			1	01/26/23 19:25	10061-01-5	
trans-1,3-Dichloropropene	<0.50	ug/L	0.50			1	01/26/23 19:25	10061-02-6	
Ethylbenzene	<0.50	ug/L	0.50	700		1	01/26/23 19:25	100-41-4	
Hexachloro-1,3-butadiene	<0.50	ug/L	0.50			1	01/26/23 19:25	87-68-3	
Isopropylbenzene (Cumene)	<0.50	ug/L	0.50			1	01/26/23 19:25	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	0.50			1	01/26/23 19:25	99-87-6	
Methylene Chloride	<0.50	ug/L	0.50	5		1	01/26/23 19:25	75-09-2	
Methyl-tert-butyl ether	<0.50	ug/L	0.50			1	01/26/23 19:25	1634-04-4	
n-Propylbenzene	<0.50	ug/L	0.50			1	01/26/23 19:25	103-65-1	
Styrene	<0.50	ug/L	0.50	100		1	01/26/23 19:25	100-42-5	
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50			1	01/26/23 19:25	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50			1	01/26/23 19:25	79-34-5	

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ANALYTICAL RESULTS

Project: NYAW MERRICK OPS FACILITY 1/25
Pace Project No.: 70244308

Sample: GAC-3S/4S(SEAMAN NECK GAC)-D **Lab ID:** 70244308002 Collected: 01/25/23 09:48 Received: 01/25/23 12:20 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Melville									
Tetrachloroethene	<0.50	ug/L	0.50	5	1		01/26/23 19:25	127-18-4	
Toluene	<0.50	ug/L	0.50	1000	1		01/26/23 19:25	108-88-3	
Total Trihalomethanes (Calc.)	<0.50	ug/L	0.50	80	1		01/26/23 19:25		
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50		1		01/26/23 19:25	87-61-6	
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	70	1		01/26/23 19:25	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	0.50	200	1		01/26/23 19:25	71-55-6	
1,1,2-Trichloroethane	<0.50	ug/L	0.50	5	1		01/26/23 19:25	79-00-5	
Trichloroethene	<0.50	ug/L	0.50	5	1		01/26/23 19:25	79-01-6	
Trichlorofluoromethane	<0.50	ug/L	0.50		1		01/26/23 19:25	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	0.50		1		01/26/23 19:25	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.50	ug/L	0.50		1		01/26/23 19:25	76-13-1	L1,N3
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50		1		01/26/23 19:25	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50		1		01/26/23 19:25	108-67-8	
Vinyl chloride	<0.50	ug/L	0.50	2	1		01/26/23 19:25	75-01-4	
m&p-Xylene	<0.50	ug/L	0.50		1		01/26/23 19:25	179601-23-1	
o-Xylene	<0.50	ug/L	0.50		1		01/26/23 19:25	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	96	%	70-130		1		01/26/23 19:25	2199-69-1	
4-Bromofluorobenzene (S)	92	%	70-130		1		01/26/23 19:25	460-00-4	

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ANALYTICAL RESULTS

Project: NYAW MERRICK OPS FACILITY 1/25

Sample Project No.: 70244308

Sample: WELL 3A N-14347 (INFLUENT) **Lab ID: 70244308003** Collected: 01/25/23 09:15 Received: 01/25/23 12:20 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
522 MSS 1,4 Dioxane (SIM)									
Analytical Method: EPA 522 Preparation Method: EPA 522									
Pace Analytical Services - Melville									
1,4-Dioxane (p-Dioxane)	1.8	ug/L	0.020		1	01/26/23 13:23	01/27/23 12:56	123-91-1	
Surrogates									
1,4-Dioxane-d8 (S)	79	%	70-130		1	01/26/23 13:23	01/27/23 12:56		
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Melville									
Benzene	<0.50	ug/L	0.50		5		01/26/23 19:48	71-43-2	
Bromobenzene	<0.50	ug/L	0.50		1		01/26/23 19:48	108-86-1	
Bromochloromethane	<0.50	ug/L	0.50		1		01/26/23 19:48	74-97-5	
Bromodichloromethane	<0.50	ug/L	0.50	80	1		01/26/23 19:48	75-27-4	
Bromoform	<0.50	ug/L	0.50	80	1		01/26/23 19:48	75-25-2	
Bromomethane	<0.50	ug/L	0.50		1		01/26/23 19:48	74-83-9	
n-Butylbenzene	<0.50	ug/L	0.50		1		01/26/23 19:48	104-51-8	
sec-Butylbenzene	<0.50	ug/L	0.50		1		01/26/23 19:48	135-98-8	
tert-Butylbenzene	<0.50	ug/L	0.50		1		01/26/23 19:48	98-06-6	
Carbon tetrachloride	<0.50	ug/L	0.50		5	1	01/26/23 19:48	56-23-5	
Chlorobenzene	<0.50	ug/L	0.50		100	1	01/26/23 19:48	108-90-7	
Chlorodifluoromethane	<0.50	ug/L	0.50		1		01/26/23 19:48	75-45-6	L1,N3
Chloroethane	<0.50	ug/L	0.50		1		01/26/23 19:48	75-00-3	
Chloroform	<0.50	ug/L	0.50	80	1		01/26/23 19:48	67-66-3	
Chloromethane	<0.50	ug/L	0.50		1		01/26/23 19:48	74-87-3	L1
2-Chlorotoluene	<0.50	ug/L	0.50		1		01/26/23 19:48	95-49-8	
4-Chlorotoluene	<0.50	ug/L	0.50		1		01/26/23 19:48	106-43-4	
Dibromochloromethane	<0.50	ug/L	0.50	80	1		01/26/23 19:48	124-48-1	
Dibromomethane	<0.50	ug/L	0.50		1		01/26/23 19:48	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	0.50	600	1		01/26/23 19:48	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	0.50		1		01/26/23 19:48	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	0.50	75	1		01/26/23 19:48	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	0.50		1		01/26/23 19:48	75-71-8	v3
1,1-Dichloroethane	<0.50	ug/L	0.50		1		01/26/23 19:48	75-34-3	
1,2-Dichloroethane	<0.50	ug/L	0.50	5	1		01/26/23 19:48	107-06-2	
1,1-Dichloroethene	1.1	ug/L	0.50	7	1		01/26/23 19:48	75-35-4	
cis-1,2-Dichloroethene	<0.50	ug/L	0.50	70	1		01/26/23 19:48	156-59-2	
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	100	1		01/26/23 19:48	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	0.50	5	1		01/26/23 19:48	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	0.50		1		01/26/23 19:48	142-28-9	
2,2-Dichloropropane	<0.50	ug/L	0.50		1		01/26/23 19:48	594-20-7	
1,1-Dichloropropene	<0.50	ug/L	0.50		1		01/26/23 19:48	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	0.50		1		01/26/23 19:48	10061-01-5	
trans-1,3-Dichloropropene	<0.50	ug/L	0.50		1		01/26/23 19:48	10061-02-6	
Ethylbenzene	<0.50	ug/L	0.50	700	1		01/26/23 19:48	100-41-4	
Hexachloro-1,3-butadiene	<0.50	ug/L	0.50		1		01/26/23 19:48	87-68-3	
Isopropylbenzene (Cumene)	<0.50	ug/L	0.50		1		01/26/23 19:48	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	0.50		1		01/26/23 19:48	99-87-6	

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ANALYTICAL RESULTS

Project: NYAW MERRICK OPS FACILITY 1/25

Pace Project No.: 70244308

Sample: WELL 3A N-14347 (INFLUENT) **Lab ID: 70244308003** Collected: 01/25/23 09:15 Received: 01/25/23 12:20 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Melville									
Methylene Chloride	<0.50	ug/L	0.50	5	1		01/26/23 19:48	75-09-2	
Methyl-tert-butyl ether	<0.50	ug/L	0.50		1		01/26/23 19:48	1634-04-4	
n-Propylbenzene	<0.50	ug/L	0.50		1		01/26/23 19:48	103-65-1	
Styrene	<0.50	ug/L	0.50	100	1		01/26/23 19:48	100-42-5	
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50		1		01/26/23 19:48	630-20-6	
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50		1		01/26/23 19:48	79-34-5	
Tetrachloroethene	<0.50	ug/L	0.50	5	1		01/26/23 19:48	127-18-4	
Toluene	<0.50	ug/L	0.50	1000	1		01/26/23 19:48	108-88-3	
Total Trihalomethanes (Calc.)	<0.50	ug/L	0.50	80	1		01/26/23 19:48		
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50		1		01/26/23 19:48	87-61-6	
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	70	1		01/26/23 19:48	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	0.50	200	1		01/26/23 19:48	71-55-6	
1,1,2-Trichloroethane	<0.50	ug/L	0.50	5	1		01/26/23 19:48	79-00-5	
Trichloroethene	37.1	ug/L	0.50	5	1		01/26/23 19:48	79-01-6	
Trichlorofluoromethane	<0.50	ug/L	0.50		1		01/26/23 19:48	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	0.50		1		01/26/23 19:48	96-18-4	
1,1,2-Trichlorotrifluoroethane	1.5	ug/L	0.50		1		01/26/23 19:48	76-13-1	L1,N3
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50		1		01/26/23 19:48	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50		1		01/26/23 19:48	108-67-8	
Vinyl chloride	<0.50	ug/L	0.50	2	1		01/26/23 19:48	75-01-4	
m&p-Xylene	<0.50	ug/L	0.50		1		01/26/23 19:48	179601-23-1	
o-Xylene	<0.50	ug/L	0.50		1		01/26/23 19:48	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		01/26/23 19:48	2199-69-1	
4-Bromofluorobenzene (S)	88	%	70-130		1		01/26/23 19:48	460-00-4	

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ANALYTICAL RESULTS

Project: NYAW MERRICK OPS FACILITY 1/25

Pace Project No.: 70244308

Sample: WELL 4 N-09338 (INFLUENT) **Lab ID: 70244308004** Collected: 01/25/23 09:55 Received: 01/25/23 12:20 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
522 MSS 1,4 Dioxane (SIM)									
Analytical Method: EPA 522 Preparation Method: EPA 522									
Pace Analytical Services - Melville									
1,4-Dioxane (p-Dioxane)	1.5	ug/L	0.020		1	01/26/23 13:23	01/27/23 13:28	123-91-1	
Surrogates									
1,4-Dioxane-d8 (S)	77	%	70-130		1	01/26/23 13:23	01/27/23 13:28		
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Melville									
Benzene	<0.50	ug/L	0.50		5		01/26/23 20:11	71-43-2	
Bromobenzene	<0.50	ug/L	0.50		1		01/26/23 20:11	108-86-1	
Bromochloromethane	<0.50	ug/L	0.50		1		01/26/23 20:11	74-97-5	
Bromodichloromethane	<0.50	ug/L	0.50	80	1		01/26/23 20:11	75-27-4	
Bromoform	<0.50	ug/L	0.50	80	1		01/26/23 20:11	75-25-2	
Bromomethane	<0.50	ug/L	0.50		1		01/26/23 20:11	74-83-9	
n-Butylbenzene	<0.50	ug/L	0.50		1		01/26/23 20:11	104-51-8	
sec-Butylbenzene	<0.50	ug/L	0.50		1		01/26/23 20:11	135-98-8	
tert-Butylbenzene	<0.50	ug/L	0.50		1		01/26/23 20:11	98-06-6	
Carbon tetrachloride	<0.50	ug/L	0.50		5	1	01/26/23 20:11	56-23-5	
Chlorobenzene	<0.50	ug/L	0.50		100	1	01/26/23 20:11	108-90-7	
Chlorodifluoromethane	<0.50	ug/L	0.50		1		01/26/23 20:11	75-45-6	L1,N3
Chloroethane	<0.50	ug/L	0.50		1		01/26/23 20:11	75-00-3	
Chloroform	<0.50	ug/L	0.50	80	1		01/26/23 20:11	67-66-3	
Chloromethane	<0.50	ug/L	0.50		1		01/26/23 20:11	74-87-3	L1
2-Chlorotoluene	<0.50	ug/L	0.50		1		01/26/23 20:11	95-49-8	
4-Chlorotoluene	<0.50	ug/L	0.50		1		01/26/23 20:11	106-43-4	
Dibromochloromethane	<0.50	ug/L	0.50	80	1		01/26/23 20:11	124-48-1	
Dibromomethane	<0.50	ug/L	0.50		1		01/26/23 20:11	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	0.50	600	1		01/26/23 20:11	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	0.50		1		01/26/23 20:11	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	0.50	75	1		01/26/23 20:11	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	0.50		1		01/26/23 20:11	75-71-8	v3
1,1-Dichloroethane	<0.50	ug/L	0.50		1		01/26/23 20:11	75-34-3	
1,2-Dichloroethane	<0.50	ug/L	0.50	5	1		01/26/23 20:11	107-06-2	
1,1-Dichloroethene	<0.50	ug/L	0.50	7	1		01/26/23 20:11	75-35-4	
cis-1,2-Dichloroethene	<0.50	ug/L	0.50	70	1		01/26/23 20:11	156-59-2	
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	100	1		01/26/23 20:11	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	0.50	5	1		01/26/23 20:11	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	0.50		1		01/26/23 20:11	142-28-9	
2,2-Dichloropropane	<0.50	ug/L	0.50		1		01/26/23 20:11	594-20-7	
1,1-Dichloropropene	<0.50	ug/L	0.50		1		01/26/23 20:11	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	0.50		1		01/26/23 20:11	10061-01-5	
trans-1,3-Dichloropropene	<0.50	ug/L	0.50		1		01/26/23 20:11	10061-02-6	
Ethylbenzene	<0.50	ug/L	0.50	700	1		01/26/23 20:11	100-41-4	
Hexachloro-1,3-butadiene	<0.50	ug/L	0.50		1		01/26/23 20:11	87-68-3	
Isopropylbenzene (Cumene)	<0.50	ug/L	0.50		1		01/26/23 20:11	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	0.50		1		01/26/23 20:11	99-87-6	

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ANALYTICAL RESULTS

Project: NYAW MERRICK OPS FACILITY 1/25

Pace Project No.: 70244308

Sample: WELL 4 N-09338 (INFLUENT) **Lab ID: 70244308004** Collected: 01/25/23 09:55 Received: 01/25/23 12:20 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2 Pace Analytical Services - Melville							
Methylene Chloride	<0.50	ug/L	0.50	5	1		01/26/23 20:11	75-09-2	
Methyl-tert-butyl ether	<0.50	ug/L	0.50		1		01/26/23 20:11	1634-04-4	
n-Propylbenzene	<0.50	ug/L	0.50		1		01/26/23 20:11	103-65-1	
Styrene	<0.50	ug/L	0.50	100	1		01/26/23 20:11	100-42-5	
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50		1		01/26/23 20:11	630-20-6	
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50		1		01/26/23 20:11	79-34-5	
Tetrachloroethene	<0.50	ug/L	0.50	5	1		01/26/23 20:11	127-18-4	
Toluene	<0.50	ug/L	0.50	1000	1		01/26/23 20:11	108-88-3	
Total Trihalomethanes (Calc.)	<0.50	ug/L	0.50	80	1		01/26/23 20:11		
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50		1		01/26/23 20:11	87-61-6	
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	70	1		01/26/23 20:11	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	0.50	200	1		01/26/23 20:11	71-55-6	
1,1,2-Trichloroethane	<0.50	ug/L	0.50	5	1		01/26/23 20:11	79-00-5	
Trichloroethene	4.5	ug/L	0.50	5	1		01/26/23 20:11	79-01-6	
Trichlorofluoromethane	<0.50	ug/L	0.50		1		01/26/23 20:11	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	0.50		1		01/26/23 20:11	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.50	ug/L	0.50		1		01/26/23 20:11	76-13-1	L1,N3
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50		1		01/26/23 20:11	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50		1		01/26/23 20:11	108-67-8	
Vinyl chloride	<0.50	ug/L	0.50	2	1		01/26/23 20:11	75-01-4	
m&p-Xylene	<0.50	ug/L	0.50		1		01/26/23 20:11	179601-23-1	
o-Xylene	<0.50	ug/L	0.50		1		01/26/23 20:11	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	96	%	70-130		1		01/26/23 20:11	2199-69-1	
4-Bromofluorobenzene (S)	89	%	70-130		1		01/26/23 20:11	460-00-4	

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QUALITY CONTROL DATA

Project: NYAW MERRICK OPS FACILITY 1/25
Pace Project No.: 70244308

QC Batch: 291369 Analysis Method: EPA 524.2
QC Batch Method: EPA 524.2 Analysis Description: 524.2 MSV
Laboratory: Pace Analytical Services - Melville
Associated Lab Samples: 70244308001, 70244308002, 70244308003, 70244308004

METHOD BLANK: 1473365 Matrix: Water
Associated Lab Samples: 70244308001, 70244308002, 70244308003, 70244308004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.50	0.50	01/26/23 13:23	
1,1,1-Trichloroethane	ug/L	<0.50	0.50	01/26/23 13:23	
1,1,2,2-Tetrachloroethane	ug/L	<0.50	0.50	01/26/23 13:23	
1,1,2-Trichloroethane	ug/L	<0.50	0.50	01/26/23 13:23	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.50	0.50	01/26/23 13:23	N3
1,1-Dichloroethane	ug/L	<0.50	0.50	01/26/23 13:23	
1,1-Dichloroethene	ug/L	<0.50	0.50	01/26/23 13:23	
1,1-Dichloropropene	ug/L	<0.50	0.50	01/26/23 13:23	
1,2,3-Trichlorobenzene	ug/L	<0.50	0.50	01/26/23 13:23	
1,2,3-Trichloropropane	ug/L	<0.50	0.50	01/26/23 13:23	
1,2,4-Trichlorobenzene	ug/L	<0.50	0.50	01/26/23 13:23	
1,2,4-Trimethylbenzene	ug/L	<0.50	0.50	01/26/23 13:23	
1,2-Dichlorobenzene	ug/L	<0.50	0.50	01/26/23 13:23	
1,2-Dichloroethane	ug/L	<0.50	0.50	01/26/23 13:23	
1,2-Dichloropropane	ug/L	<0.50	0.50	01/26/23 13:23	
1,3,5-Trimethylbenzene	ug/L	<0.50	0.50	01/26/23 13:23	
1,3-Dichlorobenzene	ug/L	<0.50	0.50	01/26/23 13:23	
1,3-Dichloropropane	ug/L	<0.50	0.50	01/26/23 13:23	
1,4-Dichlorobenzene	ug/L	<0.50	0.50	01/26/23 13:23	
2,2-Dichloropropane	ug/L	<0.50	0.50	01/26/23 13:23	
2-Chlorotoluene	ug/L	<0.50	0.50	01/26/23 13:23	
4-Chlorotoluene	ug/L	<0.50	0.50	01/26/23 13:23	
Benzene	ug/L	<0.50	0.50	01/26/23 13:23	
Bromobenzene	ug/L	<0.50	0.50	01/26/23 13:23	
Bromochloromethane	ug/L	<0.50	0.50	01/26/23 13:23	
Bromodichloromethane	ug/L	<0.50	0.50	01/26/23 13:23	
Bromoform	ug/L	<0.50	0.50	01/26/23 13:23	
Bromomethane	ug/L	<0.50	0.50	01/26/23 13:23	
Carbon tetrachloride	ug/L	<0.50	0.50	01/26/23 13:23	
Chlorobenzene	ug/L	<0.50	0.50	01/26/23 13:23	
Chlorodifluoromethane	ug/L	<0.50	0.50	01/26/23 13:23	N3
Chloroethane	ug/L	<0.50	0.50	01/26/23 13:23	
Chloroform	ug/L	<0.50	0.50	01/26/23 13:23	
Chloromethane	ug/L	<0.50	0.50	01/26/23 13:23	
cis-1,2-Dichloroethene	ug/L	<0.50	0.50	01/26/23 13:23	
cis-1,3-Dichloropropene	ug/L	<0.50	0.50	01/26/23 13:23	
Dibromochloromethane	ug/L	<0.50	0.50	01/26/23 13:23	
Dibromomethane	ug/L	<0.50	0.50	01/26/23 13:23	
Dichlorodifluoromethane	ug/L	<0.50	0.50	01/26/23 13:23	v3
Ethylbenzene	ug/L	<0.50	0.50	01/26/23 13:23	

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.

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QUALITY CONTROL DATA

Project: NYAW MERRICK OPS FACILITY 1/25

Pace Project No.: 70244308

METHOD BLANK: 1473365

Matrix: Water

Associated Lab Samples: 70244308001, 70244308002, 70244308003, 70244308004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<0.50	0.50	01/26/23 13:23	
Isopropylbenzene (Cumene)	ug/L	<0.50	0.50	01/26/23 13:23	
m&p-Xylene	ug/L	<0.50	0.50	01/26/23 13:23	
Methyl-tert-butyl ether	ug/L	<0.50	0.50	01/26/23 13:23	
Methylene Chloride	ug/L	<0.50	0.50	01/26/23 13:23	
n-Butylbenzene	ug/L	<0.50	0.50	01/26/23 13:23	
n-Propylbenzene	ug/L	<0.50	0.50	01/26/23 13:23	
o-Xylene	ug/L	<0.50	0.50	01/26/23 13:23	
p-Isopropyltoluene	ug/L	<0.50	0.50	01/26/23 13:23	
sec-Butylbenzene	ug/L	<0.50	0.50	01/26/23 13:23	
Styrene	ug/L	<0.50	0.50	01/26/23 13:23	
tert-Butylbenzene	ug/L	<0.50	0.50	01/26/23 13:23	
Tetrachloroethene	ug/L	<0.50	0.50	01/26/23 13:23	
Toluene	ug/L	<0.50	0.50	01/26/23 13:23	
Total Trihalomethanes (Calc.)	ug/L	<0.50	0.50	01/26/23 13:23	
trans-1,2-Dichloroethene	ug/L	<0.50	0.50	01/26/23 13:23	
trans-1,3-Dichloropropene	ug/L	<0.50	0.50	01/26/23 13:23	
Trichloroethene	ug/L	<0.50	0.50	01/26/23 13:23	
Trichlorofluoromethane	ug/L	<0.50	0.50	01/26/23 13:23	
Vinyl chloride	ug/L	<0.50	0.50	01/26/23 13:23	
1,2-Dichlorobenzene-d4 (S)	%	96	70-130	01/26/23 13:23	
4-Bromofluorobenzene (S)	%	92	70-130	01/26/23 13:23	

LABORATORY CONTROL SAMPLE: 1473366

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	10	10.7	107	70-130	
1,1,1-Trichloroethane	ug/L	10	11.3	113	70-130	
1,1,2,2-Tetrachloroethane	ug/L	10	11.6	116	70-130	
1,1,2-Trichloroethane	ug/L	10	12.2	122	70-130	
1,1,2-Trichlorotrifluoroethane	ug/L	10	13.3	133	70-130	L1,N3
1,1-Dichloroethane	ug/L	10	12.1	121	70-130	
1,1-Dichloroethene	ug/L	10	12.5	125	70-130	
1,1-Dichloropropene	ug/L	10	12.2	122	70-130	
1,2,3-Trichlorobenzene	ug/L	10	10.8	108	70-130	
1,2,3-Trichloropropane	ug/L	10	10.5	105	70-130	
1,2,4-Trichlorobenzene	ug/L	10	10.8	108	70-130	
1,2,4-Trimethylbenzene	ug/L	10	12.3	123	70-130	
1,2-Dichlorobenzene	ug/L	10	11.9	119	70-130	
1,2-Dichloroethane	ug/L	10	10.4	104	70-130	
1,2-Dichloropropane	ug/L	10	12.2	122	70-130	
1,3,5-Trimethylbenzene	ug/L	10	11.7	117	70-130	
1,3-Dichlorobenzene	ug/L	10	12.2	122	70-130	
1,3-Dichloropropane	ug/L	10	11.6	116	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: NYAW MERRICK OPS FACILITY 1/25

Pace Project No.: 70244308

LABORATORY CONTROL SAMPLE: 1473366

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	10	11.4	114	70-130	
2,2-Dichloropropane	ug/L	10	11.0	110	70-130	
2-Chlorotoluene	ug/L	10	12.5	125	70-130	
4-Chlorotoluene	ug/L	10	12.6	126	70-130	
Benzene	ug/L	10	12.1	121	70-130	
Bromobenzene	ug/L	10	11.2	112	70-130	
Bromochloromethane	ug/L	10	11.0	110	70-130	
Bromodichloromethane	ug/L	10	10.8	108	70-130	
Bromoform	ug/L	10	9.7	97	70-130	
Bromomethane	ug/L	10	9.2	92	70-130	
Carbon tetrachloride	ug/L	10	10.6	106	70-130	
Chlorobenzene	ug/L	10	11.7	117	70-130	
Chlorodifluoromethane	ug/L	10	13.1	131	70-130	L1,N3
Chloroethane	ug/L	10	10.9	109	70-130	
Chloroform	ug/L	10	11.7	117	70-130	
Chloromethane	ug/L	10	13.1	131	70-130	L1
cis-1,2-Dichloroethene	ug/L	10	11.3	113	70-130	
cis-1,3-Dichloropropene	ug/L	10	11.0	110	70-130	
Dibromochloromethane	ug/L	10	10.5	105	70-130	
Dibromomethane	ug/L	10	11.3	113	70-130	
Dichlorodifluoromethane	ug/L	10	7.5	75	70-130	v3
Ethylbenzene	ug/L	10	11.8	118	70-130	
Hexachloro-1,3-butadiene	ug/L	10	10.6	106	70-130	
Isopropylbenzene (Cumene)	ug/L	10	11.7	117	70-130	
m&p-Xylene	ug/L	20	23.8	119	70-130	
Methyl-tert-butyl ether	ug/L	10	8.9	89	70-130	v1
Methylene Chloride	ug/L	10	12.3	123	70-130	
n-Butylbenzene	ug/L	10	12.9	129	70-130	IH
n-Propylbenzene	ug/L	10	12.4	124	70-130	
o-Xylene	ug/L	10	11.7	117	70-130	
p-Isopropyltoluene	ug/L	10	12.1	121	70-130	
sec-Butylbenzene	ug/L	10	12.4	124	70-130	
Styrene	ug/L	10	12.1	121	70-130	
tert-Butylbenzene	ug/L	10	11.6	116	70-130	
Tetrachloroethene	ug/L	10	11.9	119	70-130	
Toluene	ug/L	10	11.8	118	70-130	
Total Trihalomethanes (Calc.)	ug/L		42.8			
trans-1,2-Dichloroethene	ug/L	10	12.2	122	70-130	
trans-1,3-Dichloropropene	ug/L	10	11.0	110	70-130	
Trichloroethene	ug/L	10	12.0	120	70-130	
Trichlorofluoromethane	ug/L	10	11.6	116	70-130	
Vinyl chloride	ug/L	10	11.1	111	70-130	
1,2-Dichlorobenzene-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	

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QUALITY CONTROL DATA

Project: NYAW MERRICK OPS FACILITY 1/25

Pace Project No.: 70244308

SAMPLE DUPLICATE: 1473943

Parameter	Units	70244345001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.50	<0.50		20	
1,1,1-Trichloroethane	ug/L	<0.50	<0.50		20	
1,1,2,2-Tetrachloroethane	ug/L	<0.50	<0.50		20	
1,1,2-Trichloroethane	ug/L	<0.50	<0.50		20	
1,1,2-Trichlorotrifluoroethane	ug/L	0.79	0.82	3	20	N3
1,1-Dichloroethane	ug/L	<0.50	<0.50		20	
1,1-Dichloroethene	ug/L	<0.50	<0.50		20	
1,1-Dichloropropene	ug/L	<0.50	<0.50		20	
1,2,3-Trichlorobenzene	ug/L	<0.50	<0.50		20	
1,2,3-Trichloropropane	ug/L	<0.50	<0.50		20	
1,2,4-Trichlorobenzene	ug/L	<0.50	<0.50		20	
1,2,4-Trimethylbenzene	ug/L	<0.50	<0.50		20	
1,2-Dichlorobenzene	ug/L	<0.50	<0.50		20	
1,2-Dichloroethane	ug/L	<0.50	<0.50		20	
1,2-Dichloropropane	ug/L	<0.50	<0.50		20	
1,3,5-Trimethylbenzene	ug/L	<0.50	<0.50		20	
1,3-Dichlorobenzene	ug/L	<0.50	<0.50		20	
1,3-Dichloropropane	ug/L	<0.50	<0.50		20	
1,4-Dichlorobenzene	ug/L	<0.50	<0.50		20	
2,2-Dichloropropane	ug/L	<0.50	<0.50		20	
2-Chlorotoluene	ug/L	<0.50	<0.50		20	
4-Chlorotoluene	ug/L	<0.50	<0.50		20	
Benzene	ug/L	<0.50	<0.50		20	
Bromobenzene	ug/L	<0.50	<0.50		20	
Bromochloromethane	ug/L	<0.50	<0.50		20	
Bromodichloromethane	ug/L	<0.50	<0.50		20	
Bromoform	ug/L	<0.50	<0.50		20	
Bromomethane	ug/L	<0.50	<0.50		20	
Carbon tetrachloride	ug/L	<0.50	<0.50		20	
Chlorobenzene	ug/L	<0.50	<0.50		20	
Chlorodifluoromethane	ug/L	<0.50	<0.50		20	N3
Chloroethane	ug/L	<0.50	<0.50		20	
Chloroform	ug/L	<0.50	<0.50		20	
Chloromethane	ug/L	<0.50	<0.50		20	
cis-1,2-Dichloroethene	ug/L	6.1	6.2	2	20	
cis-1,3-Dichloropropene	ug/L	<0.50	<0.50		20	
Dibromochloromethane	ug/L	<0.50	<0.50		20	
Dibromomethane	ug/L	<0.50	<0.50		20	
Dichlorodifluoromethane	ug/L	<0.50	<0.50		20	v3
Ethylbenzene	ug/L	<0.50	<0.50		20	
Hexachloro-1,3-butadiene	ug/L	<0.50	<0.50		20	
Isopropylbenzene (Cumene)	ug/L	<0.50	<0.50		20	
m&p-Xylene	ug/L	<0.50	<0.50		20	
Methyl-tert-butyl ether	ug/L	<0.50	<0.50		20	
Methylene Chloride	ug/L	<0.50	<0.50		20	
n-Butylbenzene	ug/L	<0.50	<0.50		20	
n-Propylbenzene	ug/L	<0.50	<0.50		20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: NYAW MERRICK OPS FACILITY 1/25

Pace Project No.: 70244308

SAMPLE DUPLICATE: 1473943

Parameter	Units	70244345001 Result	Dup Result	RPD	Max RPD	Qualifiers
o-Xylene	ug/L	<0.50	<0.50		20	
p-Isopropyltoluene	ug/L	<0.50	<0.50		20	
sec-Butylbenzene	ug/L	<0.50	<0.50		20	
Styrene	ug/L	<0.50	<0.50		20	
tert-Butylbenzene	ug/L	<0.50	<0.50		20	
Tetrachloroethene	ug/L	7.5	7.5	0	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	6.6	6.8	3	20	
Trichlorofluoromethane	ug/L	<0.50	<0.50		20	
Vinyl chloride	ug/L	<0.50	<0.50		20	
1,2-Dichlorobenzene-d4 (S)	%	97	91		20	
4-Bromofluorobenzene (S)	%	91	89		20	

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QUALITY CONTROL DATA

Project: NYAW MERRICK OPS FACILITY 1/25

Pace Project No.: 70244308

QC Batch:	291343	Analysis Method:	EPA 522
QC Batch Method:	EPA 522	Analysis Description:	522 MSS 1,4 Dioxane
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70244308001, 70244308003, 70244308004

METHOD BLANK: 1473191 Matrix: Drinking Water

Associated Lab Samples: 70244308001, 70244308003, 70244308004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	<0.020	0.020	01/27/23 11:53	
1,4-Dioxane-d8 (S)	%	75	70-130	01/27/23 11:53	

LABORATORY CONTROL SAMPLE: 1473192

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	4	3.1	79	70-130	
1,4-Dioxane-d8 (S)	%			76	70-130	

MATRIX SPIKE SAMPLE: 1473193

Parameter	Units	70244308001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	1.5	4	4.9	85	70-130	E
1,4-Dioxane-d8 (S)	%				82	70-130	

SAMPLE DUPLICATE: 1473194

Parameter	Units	70244308003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	1.8	1.9	4	30	
1,4-Dioxane-d8 (S)	%	79	76		30	

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QUALIFIERS

Project: NYAW MERRICK OPS FACILITY 1/25
Pace Project No.: 70244308

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above adjusted reporting limit.
TNTC - Too Numerous To Count
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
PQL - Practical Quantitation Limit.
RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

ANALYTE QUALIFIERS

E Analyte concentration exceeded the calibration range. The reported result is estimated.
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.
√1 The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
√3 The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: NYAW MERRICK OPS FACILITY 1/25

Pace Project No.: 70244308

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70244308001	GAC-3S/4S(SEAMAN NECK GAC EFF.	EPA 522	291343	EPA 522	291427
70244308003	WELL 3A N-14347 (INFLUENT)	EPA 522	291343	EPA 522	291427
70244308004	WELL 4 N-09338 (INFLUENT)	EPA 522	291343	EPA 522	291427
70244308001	GAC-3S/4S(SEAMAN NECK GAC EFF.	EPA 524.2	291369		
70244308002	GAC-3S/4S(SEAMAN NECK GAC)-D	EPA 524.2	291369		
70244308003	WELL 3A N-14347 (INFLUENT)	EPA 524.2	291369		
70244308004	WELL 4 N-09338 (INFLUENT)	EPA 524.2	291369		

REPORT OF LABORATORY ANALYSIS

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WO#: 70244308



70244308

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 Of 1

Section A

Required Client Information:

Company: KOMAN Government Solutions, LLC
 Address: 180 Gordon Dr., Suite 110
 Edon, PA
 Email: RGregory@komanos.com
 Phone: (810) 400-0636 Fax:
 Requested Due Date:

Required Project Information:

Report To: Robert Gregory
 Copy To: NCDOH
 Purchase Order #: 02807-005
 Project Name: NYAW-MERRICK OPS FACILITY
 Project #: 02807-005

Section C Invoice Information:

Attention: Accounts Payable
 Company Name: KOMAN Government Solutions, LLC
 Address: accounts payable@komanos.com
 Pace Quote:
 Pace Project Manager: Kimberly.Mack@Paceaha.com
 Pace Profile #:

Regulatory Agency:
 State / Location:
 NY

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9, -, /, ., #) Sample ids must be unique	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (S=SRAB, C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Y/N	Analytes Test	Residual Chlorine (Y/N)			
				START		END				Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol				Other	POC (VOCs by EPA 2)	1,4-dioxane (B2)
				DATE	TIME	DATE	TIME															
1	GAC-38/4S (Seaman Neck GAC Effluent)	DW	G			1/25/23	9:45	4			X		X				X	X				
2	GAC-38/4S (Seaman Neck GAC Effluent)-D	DW	G			1/25/23	9:48	2			X						X					
3	Well 3A N-14347 (Influent)	DW	G			1/25/23	9:15	4			X		X				X	X				
4	Well 4 N-09338 (Influent)	DW	G			1/25/23	9:55	4			X		X				X	X				
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELEASED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Randy Hoffmaster	1/25/23		John P.C.T.	1/25	12:20	1-0	W	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Randy Hoffmaster

SIGNATURE of SAMPLER: *Randy Hoffmaster*

DATE Signed: 1/25/2023

TEMP in C

Received on: []

Y/N

Customary: []

Standard: []

Code: []

Y/N

Sample InterID: []

Y/N

KGS

WO#: 70244308

Due Date: 02/03/23

PM: KMM

CLIENT: KGS

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: _____

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

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Thermometer Used: T1148

Correction Factor: + 0.1

Cooler Temperature (°C): 1.0

Cooler Temperature Corrected (°C): 1.1

Temperature Blank Present: Yes No

Type of Ice: Wet Blue None

Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

USDA Regulated Soil (N/A, water sample)

Date and Initials of person examining contents: SH 1/23/23

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC,

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

NM, NY, OK, OR, SC, TN, TX, or VA (check map)? Yes No

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

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

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

January 30, 2023

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

RE: Project: NYAW -MERRICK OPS FACILITY1/25
Pace Project No.: 70244314

Dear Robert Gregory:

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

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

- Pace Analytical Services - Melville

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

Sincerely,



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

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: NYAW -MERRICK OPS FACILITY1/25

Pace Project No.: 70244314

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747

Connecticut Certification #: PH-0435

Delaware Certification # NY 10478

Maryland Certification #: 208

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350

Rhode Island Certification #: LAO00340

Virginia Certification # 460302

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: NYAW -MERRICK OPS FACILITY1/25

Pace Project No.: 70244314

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70244314001	N-14347 (SEAMAN NECK 3 WELL)-0	Drinking Water	01/25/23 08:30	01/25/23 12:20
70244314002	N-14347 (SEAMAN NECK 3 WELL)-2	Drinking Water	01/25/23 08:32	01/25/23 12:20
70244314003	N-14347 (SEAMAN NECK 3 WELL)-5	Drinking Water	01/25/23 08:35	01/25/23 12:20
70244314004	N-14347 (SEAMAN NECK 3WELL)-10	Drinking Water	01/25/23 08:40	01/25/23 12:20
70244314005	N-14347 (SEAMAN NECK 3WELL)-30	Drinking Water	01/25/23 09:00	01/25/23 12:20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: NYAW -MERRICK OPS FACILITY1/25
Pace Project No.: 70244314

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70244314001	N-14347 (SEAMAN NECK 3 WELL)-0	SM22 9223B Colilert	GML	2
70244314002	N-14347 (SEAMAN NECK 3 WELL)-2	SM22 9223B Colilert	GML	2
70244314003	N-14347 (SEAMAN NECK 3 WELL)-5	SM22 9223B Colilert	GML	2
70244314004	N-14347 (SEAMAN NECK 3WELL)-10	SM22 9223B Colilert	GML	2
70244314005	N-14347 (SEAMAN NECK 3WELL)-30	SM22 9223B Colilert	GML	2

PACE-MV = Pace Analytical Services - Melville

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW -MERRICK OPS FACILITY1/25

Pace Project No.: 70244314

Sample: N-14347 (SEAMAN NECK 3 WELL)-0 **Lab ID: 70244314001** Collected: 01/25/23 08:30 Received: 01/25/23 12:20 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/25/23 17:58	01/26/23 11:58		
E.coli	Absent				1	01/25/23 17:58	01/26/23 11:58		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW -MERRICK OPS FACILITY1/25

Pace Project No.: 70244314

Sample: N-14347 (SEAMAN NECK 3 WELL)-2 **Lab ID: 70244314002** Collected: 01/25/23 08:32 Received: 01/25/23 12:20 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/25/23 17:58	01/26/23 11:58		
E.coli	Absent				1	01/25/23 17:58	01/26/23 11:58		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW -MERRICK OPS FACILITY1/25

Pace Project No.: 70244314

Sample: N-14347 (SEAMAN NECK 3 WELL)-5 **Lab ID: 70244314003** Collected: 01/25/23 08:35 Received: 01/25/23 12:20 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/25/23 17:58	01/26/23 11:58		
E.coli	Absent				1	01/25/23 17:58	01/26/23 11:58		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW -MERRICK OPS FACILITY1/25

Pace Project No.: 70244314

Sample: N-14347 (SEAMAN NECK 3WELL)-10 **Lab ID: 70244314004** Collected: 01/25/23 08:40 Received: 01/25/23 12:20 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/25/23 17:58	01/26/23 11:58		
E.coli	Absent				1	01/25/23 17:58	01/26/23 11:58		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW -MERRICK OPS FACILITY1/25

Pace Project No.: 70244314

Sample: N-14347 (SEAMAN NECK 3WELL)-30 **Lab ID: 70244314005** Collected: 01/25/23 09:00 Received: 01/25/23 12:20 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/25/23 17:58	01/26/23 11:58		
E.coli	Absent				1	01/25/23 17:58	01/26/23 11:58		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: NYAW -MERRICK OPS FACILITY1/25

Pace Project No.: 70244314

QC Batch:	291425	Analysis Method:	SM22 9223B Colilert
QC Batch Method:	SM22 9223B Colilert	Analysis Description:	TotColDW MBIO Total Coliform
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70244314001, 70244314002, 70244314003, 70244314004, 70244314005

METHOD BLANK: 1473629 Matrix: Drinking Water

Associated Lab Samples: 70244314001, 70244314002, 70244314003, 70244314004, 70244314005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
E.coli		Absent		01/26/23 11:58	
Total Coliforms		Absent		01/26/23 11:58	

SAMPLE DUPLICATE: 1473630

Parameter	Units	70244314005 Result	Dup Result	RPD	Max RPD	Qualifiers
E.coli		Absent	Absent			
Total Coliforms		Absent	Absent			

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

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: NYAW -MERRICK OPS FACILITY1/25

Pace Project No.: 70244314

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

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

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: NYAW -MERRICK OPS FACILITY1/25

Pace Project No.: 70244314

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70244314001	N-14347 (SEAMAN NECK 3 WELL)-0	SM22 9223B Colilert	291425	SM22 9223B Colilert	291702
70244314002	N-14347 (SEAMAN NECK 3 WELL)-2	SM22 9223B Colilert	291425	SM22 9223B Colilert	291702
70244314003	N-14347 (SEAMAN NECK 3 WELL)-5	SM22 9223B Colilert	291425	SM22 9223B Colilert	291702
70244314004	N-14347 (SEAMAN NECK 3WELL)-10	SM22 9223B Colilert	291425	SM22 9223B Colilert	291702
70244314005	N-14347 (SEAMAN NECK 3WELL)-30	SM22 9223B Colilert	291425	SM22 9223B Colilert	291702

REPORT OF LABORATORY ANALYSIS

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KGS

WO#: 70244314

PM: KMM

Due Date: 02/01/23

CLIENT: KGS

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #:

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

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Thermometer Used: T1148 Correction Factor: + 0.1

Cooler Temperature [°C]: 1.0 Cooler Temperature Corrected [°C]: 1.1

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

Temp should be above freezing to 6.0°C

USDA Regulated Soil (N/A, water sample)

Date and Initials of person examining contents: SH 1/23/23

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

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

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

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

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

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

January 30, 2023

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

RE: Project: BACT SERIES 1/25
Pace Project No.: 70244222

Dear Robert Gregory:

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

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

- Pace Analytical Services - Melville

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

Sincerely,



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

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: BACT SERIES 1/25

Pace Project No.: 70244222

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747

Connecticut Certification #: PH-0435

Delaware Certification # NY 10478

Maryland Certification #: 208

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350

Rhode Island Certification #: LAO00340

Virginia Certification # 460302

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: BACT SERIES 1/25
Pace Project No.: 70244222

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70244222001	GAC-3S/4S-VESSEL#100-0	Drinking Water	01/25/23 07:00	01/25/23 12:20
70244222002	GAC-3S/4S-VESSEL#100-2	Drinking Water	01/25/23 07:02	01/25/23 12:20
70244222003	GAC-3S/4S-VESSEL#100-5	Drinking Water	01/25/23 07:05	01/25/23 12:20
70244222004	GAC-3S/4S-VESSEL#100-10	Drinking Water	01/25/23 07:10	01/25/23 12:20
70244222005	GAC-3S/4S-VESSEL#100-30	Drinking Water	01/25/23 07:30	01/25/23 12:20

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SAMPLE ANALYTE COUNT

Project: BACT SERIES 1/25
Pace Project No.: 70244222

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70244222001	GAC-3S/4S-VESSEL#100-0	SM22 9223B Colilert	GML	2
70244222002	GAC-3S/4S-VESSEL#100-2	SM22 9223B Colilert	GML	2
70244222003	GAC-3S/4S-VESSEL#100-5	SM22 9223B Colilert	GML	2
70244222004	GAC-3S/4S-VESSEL#100-10	SM22 9223B Colilert	GML	2
70244222005	GAC-3S/4S-VESSEL#100-30	SM22 9223B Colilert	GML	2

PACE-MV = Pace Analytical Services - Melville

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ANALYTICAL RESULTS

Project: BACT SERIES 1/25

Pace Project No.: 70244222

Sample: GAC-3S/4S-VESSEL#100-0 **Lab ID: 70244222001** Collected: 01/25/23 07:00 Received: 01/25/23 12:20 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/25/23 17:58	01/26/23 11:58		
E.coli	Absent				1	01/25/23 17:58	01/26/23 11:58		

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ANALYTICAL RESULTS

Project: BACT SERIES 1/25

Pace Project No.: 70244222

Sample: GAC-3S/4S-VESSEL#100-2 **Lab ID: 70244222002** Collected: 01/25/23 07:02 Received: 01/25/23 12:20 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/25/23 17:58	01/26/23 11:58		
E.coli	Absent				1	01/25/23 17:58	01/26/23 11:58		

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ANALYTICAL RESULTS

Project: BACT SERIES 1/25

Pace Project No.: 70244222

Sample: GAC-3S/4S-VESSEL#100-5 **Lab ID: 70244222003** Collected: 01/25/23 07:05 Received: 01/25/23 12:20 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/25/23 17:58	01/26/23 11:58		
E.coli	Absent				1	01/25/23 17:58	01/26/23 11:58		

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ANALYTICAL RESULTS

Project: BACT SERIES 1/25

Pace Project No.: 70244222

Sample: GAC-3S/4S-VESSEL#100-10 **Lab ID:** 70244222004 Collected: 01/25/23 07:10 Received: 01/25/23 12:20 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/25/23 17:58	01/26/23 11:58		
E.coli	Absent				1	01/25/23 17:58	01/26/23 11:58		

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ANALYTICAL RESULTS

Project: BACT SERIES 1/25

Pace Project No.: 70244222

Sample: GAC-3S/4S-VESSEL#100-30 **Lab ID:** 70244222005 Collected: 01/25/23 07:30 Received: 01/25/23 12:20 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/25/23 17:58	01/26/23 11:58		
E.coli	Absent				1	01/25/23 17:58	01/26/23 11:58		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BACT SERIES 1/25
Pace Project No.: 70244222

QC Batch:	291425	Analysis Method:	SM22 9223B Colilert
QC Batch Method:	SM22 9223B Colilert	Analysis Description:	TotColDW MBIO Total Coliform
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70244222001, 70244222002, 70244222003, 70244222004, 70244222005

METHOD BLANK: 1473629 Matrix: Drinking Water
Associated Lab Samples: 70244222001, 70244222002, 70244222003, 70244222004, 70244222005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
E.coli		Absent		01/26/23 11:58	
Total Coliforms		Absent		01/26/23 11:58	

SAMPLE DUPLICATE: 1473630

Parameter	Units	70244314005 Result	Dup Result	RPD	Max RPD	Qualifiers
E.coli		Absent	Absent			
Total Coliforms		Absent	Absent			

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

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: BACT SERIES 1/25

Pace Project No.: 70244222

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

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

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BACT SERIES 1/25

Pace Project No.: 70244222

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70244222001	GAC-3S/4S-VESSEL#100-0	SM22 9223B Colilert	291425	SM22 9223B Colilert	291702
70244222002	GAC-3S/4S-VESSEL#100-2	SM22 9223B Colilert	291425	SM22 9223B Colilert	291702
70244222003	GAC-3S/4S-VESSEL#100-5	SM22 9223B Colilert	291425	SM22 9223B Colilert	291702
70244222004	GAC-3S/4S-VESSEL#100-10	SM22 9223B Colilert	291425	SM22 9223B Colilert	291702
70244222005	GAC-3S/4S-VESSEL#100-30	SM22 9223B Colilert	291425	SM22 9223B Colilert	291702

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY / Analytical Re
The Chain-of-Custody is a LEGAL DOCUMENT. All relevant

WO#: 70244222



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

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique	MATRIX Drinking Water DW Water WT Waste Water YW Product P Sol/Solid SL Oil OL Wipe WP Air AR Other OT Tissue TS	CODE DW WT YW P SL OL WP AR OT TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Y/N	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)									
						START DATE	START TIME	END DATE	END TIME			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol		Other	Analyses Test	Colliert (Fecal/Ecoli)																	
1	GAC-3S/4S-Vesse#100-0	DW	G								1	X								X																			
2	GAC-3S/4S-Vesse#100-2	DW	G								1	X								X																			
3	GAC-3S/4S-Vesse#100-5	DW	G								1	X								X																			
4	GAC-3S/4S-Vessel#100-10	DW	G								1	X								X																			
5	GAC-3S/4S-Vessel#100-30	DW	G								1	X								X																			
6											1	X								X																			
7																																							
8																																							
9																																							
10																																							
11																																							
12																																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION <i>Randy Hoffmaster</i>	DATE 1-25-23	TIME	ACCEPTED BY / AFFILIATION <i>Jan PLLJ</i>	DATE 1/25	TIME 12:20	SAMPLE CONDITIONS 10 Y N Y		
---------------------	--	-----------------	------	--	--------------	---------------	-------------------------------	--	--

SAMPLER NAME AND SIGNATURE		TEMP In C	Received on	Sealed	Cooler	Custody	Samples
PRINT Name of SAMPLER:	Randy Hoffmaster		ice	Sealed	Cooler	Custody	react
SIGNATURE of SAMPLER:	<i>Randy Hoffmaster</i>		(Y/N)	(Y/N)	(Y/N)	(Y/N)	(Y/N)
		DATE Signed:					

KGS

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #:

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

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Thermometer Used: T1148 Correction Factor: ± 0.1

Cooler Temperature [°C]: 1.0 Cooler Temperature Corrected [°C]: 1.1

Temp should be above freezing to 6.0°C

USDA Regulated Soil [N/A, water sample]

Date and Initials of person examining contents: SH 1/25/23

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

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

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

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

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

January 30, 2023

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

RE: Project: BACT SERIES 1/25
Pace Project No.: 70244219

Dear Robert Gregory:

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

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

- Pace Analytical Services - Melville

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

Sincerely,



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

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: BACT SERIES 1/25

Pace Project No.: 70244219

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747

Connecticut Certification #: PH-0435

Delaware Certification # NY 10478

Maryland Certification #: 208

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350

Rhode Island Certification #: LAO00340

Virginia Certification # 460302

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: BACT SERIES 1/25
Pace Project No.: 70244219

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70244219001	GAC-3S/4S-VESSEL#200-0	Drinking Water	01/25/23 07:40	01/25/23 12:20
70244219002	GAC-3S/4S-VESSEL#200-2	Drinking Water	01/25/23 07:42	01/25/23 12:20
70244219003	GAC-3S/4S-VESSEL#200-5	Drinking Water	01/25/23 07:45	01/25/23 12:20
70244219004	GAC-3S/4S-VESSEL#200-10	Drinking Water	01/25/23 07:50	01/25/23 12:20
70244219005	GAC-3S/4S-VESSEL#200-30	Drinking Water	01/25/23 08:10	01/25/23 12:20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: BACT SERIES 1/25
Pace Project No.: 70244219

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70244219001	GAC-3S/4S-VESSEL#200-0	SM22 9223B Colilert	GML	2
70244219002	GAC-3S/4S-VESSEL#200-2	SM22 9223B Colilert	GML	2
70244219003	GAC-3S/4S-VESSEL#200-5	SM22 9223B Colilert	GML	2
70244219004	GAC-3S/4S-VESSEL#200-10	SM22 9223B Colilert	GML	2
70244219005	GAC-3S/4S-VESSEL#200-30	SM22 9223B Colilert	GML	2

PACE-MV = Pace Analytical Services - Melville

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BACT SERIES 1/25

Pace Project No.: 70244219

Sample: GAC-3S/4S-VESSEL#200-0 **Lab ID: 70244219001** Collected: 01/25/23 07:40 Received: 01/25/23 12:20 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/25/23 17:58	01/26/23 11:58		
E.coli	Absent				1	01/25/23 17:58	01/26/23 11:58		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BACT SERIES 1/25

Pace Project No.: 70244219

Sample: GAC-3S/4S-VESSEL#200-2 Lab ID: 70244219002 Collected: 01/25/23 07:42 Received: 01/25/23 12:20 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/25/23 17:58	01/26/23 11:58		
E.coli	Absent				1	01/25/23 17:58	01/26/23 11:58		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BACT SERIES 1/25

Pace Project No.: 70244219

Sample: GAC-3S/4S-VESSEL#200-5 **Lab ID: 70244219003** Collected: 01/25/23 07:45 Received: 01/25/23 12:20 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/25/23 17:58	01/26/23 11:58		
E.coli	Absent				1	01/25/23 17:58	01/26/23 11:58		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BACT SERIES 1/25

Pace Project No.: 70244219

Sample: GAC-3S/4S-VESSEL#200-10 **Lab ID:** 70244219004 Collected: 01/25/23 07:50 Received: 01/25/23 12:20 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/25/23 17:58	01/26/23 11:58		
E.coli	Absent				1	01/25/23 17:58	01/26/23 11:58		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BACT SERIES 1/25

Pace Project No.: 70244219

Sample: GAC-3S/4S-VESSEL#200-30 **Lab ID:** 70244219005 Collected: 01/25/23 08:10 Received: 01/25/23 12:20 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/25/23 17:58	01/26/23 11:58		
E.coli	Absent				1	01/25/23 17:58	01/26/23 11:58		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BACT SERIES 1/25

Pace Project No.: 70244219

QC Batch: 291425

Analysis Method: SM22 9223B Colilert

QC Batch Method: SM22 9223B Colilert

Analysis Description: TotColDW MBIO Total Coliform

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70244219001, 70244219002, 70244219003, 70244219004, 70244219005

METHOD BLANK: 1473629

Matrix: Drinking Water

Associated Lab Samples: 70244219001, 70244219002, 70244219003, 70244219004, 70244219005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
E.coli		Absent		01/26/23 11:58	
Total Coliforms		Absent		01/26/23 11:58	

SAMPLE DUPLICATE: 1473630

Parameter	Units	70244314005 Result	Dup Result	RPD	Max RPD	Qualifiers
E.coli		Absent	Absent			
Total Coliforms		Absent	Absent			

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

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: BACT SERIES 1/25

Pace Project No.: 70244219

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

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

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BACT SERIES 1/25

Pace Project No.: 70244219

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70244219001	GAC-3S/4S-VESSEL#200-0	SM22 9223B Colilert	291425	SM22 9223B Colilert	291702
70244219002	GAC-3S/4S-VESSEL#200-2	SM22 9223B Colilert	291425	SM22 9223B Colilert	291702
70244219003	GAC-3S/4S-VESSEL#200-5	SM22 9223B Colilert	291425	SM22 9223B Colilert	291702
70244219004	GAC-3S/4S-VESSEL#200-10	SM22 9223B Colilert	291425	SM22 9223B Colilert	291702
70244219005	GAC-3S/4S-VESSEL#200-30	SM22 9223B Colilert	291425	SM22 9223B Colilert	291702

REPORT OF LABORATORY ANALYSIS

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

WO# : 70244219



70244219

Section A
Required Client Information:

Section B
Required Project Information:

Section C
Invoice Information:

Company: KOMAN Government Solutions, LLC
Address: 180 Gordon Dr., Suite 110
 Exton, PA
Email: RGregory@komangs.com
Phone: (610) 400-0638 | **Fax:** _____
Requested Due Date: _____

Report To: Robert Gregory
Copy To: NCDOH
Purchase Order #: 02607-204
Project Name: NYAW-MERRICK OPS FACILITY
Project #: 02607-204

Attention: Accounts Payable
Company Name: KOMAN Government Solutions, LLC
Address: accounts@payable@komangs.com
Pace Quote: _____
Pace Project Manager: Kimberley.Mack@Pacelabs.com
Pace Profile #: _____

Regulatory Agency: _____
State / Location: NY

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique	MATRIX	CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Y/N	Requested Analysis Filtered (Y/N)																Residual Chlorine (Y/N)	
						START DATE	START TIME	END DATE	END TIME			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other		Analyses Test	Coliform (Fecal/E.coli)																
1	GAC-3S/4S-Vessel#200-0	DW	DW	DW	G			1/25/23	7:40	1	X											X																
2	GAC-3S/4S-Vessel#200-2	DW	DW	DW	G			1/25/23	7:42	1	X											X																
3	GAC-3S/4S-Vessel#200-5	DW	DW	DW	G			1/25/23	7:45	1	X											X																
4	GAC-3S/4S-Vessel#200-10	DW	DW	DW	G			1/25/23	7:50	1	X											X																
5	GAC-3S/4S-Vessel#200-30	DW	DW	DW	G			1/25/23	8:10	1	X											X																
6																																						
7																																						
8																																						
9																																						
10																																						
11																																						
12																																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	<i>Randy Hoffmaster</i>	1/25/23		<i>Jan PLLT</i>	1/25	12:20	10 (C) N Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Randy Hoffmaster

SIGNATURE of SAMPLER: *Randy Hoffmaster* | **DATE Signed:** 1-25-2023

EMP in C | received on a (Y/N) | custody sealed cooler (Y/N) | samples intact (Y/N)

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: _____

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

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Thermometer Used: T1148 Correction Factor: + 0.1

Cooler Temperature (°C): 1.0 Cooler Temperature Corrected (°C): 1.1

Temp should be above freezing to 6.0°C

USDA Regulated Soil (N/A water sample)

Date and Initials of person examining contents: SH 1/25/23

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

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

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

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

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

January 27, 2023

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

RE: Project: NYAW -MERRICK BACT SERIES 1/26
Pace Project No.: 70244448

Dear Robert Gregory:

Enclosed are the analytical results for sample(s) received by the laboratory on January 26, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Melville

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

Sincerely,



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

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC



REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: NYAW -MERRICK BACT SERIES 1/26

Pace Project No.: 70244448

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747

Connecticut Certification #: PH-0435

Delaware Certification # NY 10478

Maryland Certification #: 208

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350

Rhode Island Certification #: LAO00340

Virginia Certification # 460302

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: NYAW -MERRICK BACT SERIES 1/26
Pace Project No.: 70244448

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70244448001	N-09338(SEAMAN NECK 4 WELL)-0	Drinking Water	01/26/23 09:05	01/26/23 13:45
70244448002	N-09338(SEAMAN NECK 4 WELL)-2	Drinking Water	01/26/23 09:07	01/26/23 13:45
70244448003	N-09338(SEAMAN NECK 4 WELL)-5	Drinking Water	01/26/23 09:10	01/26/23 13:45
70244448004	N-09338(SEAMAN NECK 4 WELL)-10	Drinking Water	01/26/23 09:15	01/26/23 13:45
70244448005	N-09338(SEAMAN NECK 4 WELL)-30	Drinking Water	01/26/23 09:35	01/26/23 13:45

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: NYAW -MERRICK BACT SERIES 1/26
Pace Project No.: 70244448

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70244448001	N-09338(SEAMAN NECK 4 WELL)-0	SM22 9223B Colilert	GML	2
70244448002	N-09338(SEAMAN NECK 4 WELL)-2	SM22 9223B Colilert	GML	2
70244448003	N-09338(SEAMAN NECK 4 WELL)-5	SM22 9223B Colilert	GML	2
70244448004	N-09338(SEAMAN NECK 4 WELL)-10	SM22 9223B Colilert	GML	2
70244448005	N-09338(SEAMAN NECK 4 WELL)-30	SM22 9223B Colilert	GML	2

PACE-MV = Pace Analytical Services - Melville

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW -MERRICK BACT SERIES 1/26

Pace Project No.: 70244448

Sample: N-09338(SEAMAN NECK 4 WELL)-0 **Lab ID:** 70244448001 Collected: 01/26/23 09:05 Received: 01/26/23 13:45 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/26/23 17:00	01/27/23 11:00		
E.coli	Absent				1	01/26/23 17:00	01/27/23 11:00		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW -MERRICK BACT SERIES 1/26

Pace Project No.: 70244448

Sample: N-09338(SEAMAN NECK 4 WELL)-2 **Lab ID: 70244448002** Collected: 01/26/23 09:07 Received: 01/26/23 13:45 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/26/23 17:00	01/27/23 11:00		
E.coli	Absent				1	01/26/23 17:00	01/27/23 11:00		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW -MERRICK BACT SERIES 1/26

Pace Project No.: 70244448

Sample: N-09338(SEAMAN NECK 4 WELL)-5 **Lab ID:** 70244448003 Collected: 01/26/23 09:10 Received: 01/26/23 13:45 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/26/23 17:00	01/27/23 11:00		
E.coli	Absent				1	01/26/23 17:00	01/27/23 11:00		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW -MERRICK BACT SERIES 1/26

Pace Project No.: 70244448

Sample: N-09338(SEAMAN NECK 4 WELL)-10 **Lab ID: 70244448004** Collected: 01/26/23 09:15 Received: 01/26/23 13:45 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/26/23 17:00	01/27/23 11:00		
E.coli	Absent				1	01/26/23 17:00	01/27/23 11:00		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW -MERRICK BACT SERIES 1/26

Pace Project No.: 70244448

Sample: N-09338(SEAMAN NECK 4 WELL)-30 **Lab ID: 70244448005** Collected: 01/26/23 09:35 Received: 01/26/23 13:45 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/26/23 17:00	01/27/23 11:00		
E.coli	Absent				1	01/26/23 17:00	01/27/23 11:00		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: NYAW -MERRICK BACT SERIES 1/26

Pace Project No.: 70244448

QC Batch: 291498

Analysis Method: SM22 9223B Colilert

QC Batch Method: SM22 9223B Colilert

Analysis Description: TotColDW MBIO Total Coliform

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70244448001, 70244448002, 70244448003, 70244448004, 70244448005

METHOD BLANK: 1473941

Matrix: Drinking Water

Associated Lab Samples: 70244448001, 70244448002, 70244448003, 70244448004, 70244448005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
E.coli		Absent		01/27/23 11:00	
Total Coliforms		Absent		01/27/23 11:00	

SAMPLE DUPLICATE: 1473942

Parameter	Units	70244448005 Result	Dup Result	RPD	Max RPD	Qualifiers
E.coli		Absent	Absent			
Total Coliforms		Absent	Absent			

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

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: NYAW -MERRICK BACT SERIES 1/26

Pace Project No.: 70244448

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

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

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: NYAW -MERRICK BACT SERIES 1/26

Pace Project No.: 70244448

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70244448001	N-09338(SEAMAN NECK 4 WELL)-0	SM22 9223B Colilert	291498	SM22 9223B Colilert	291566
70244448002	N-09338(SEAMAN NECK 4 WELL)-2	SM22 9223B Colilert	291498	SM22 9223B Colilert	291566
70244448003	N-09338(SEAMAN NECK 4 WELL)-5	SM22 9223B Colilert	291498	SM22 9223B Colilert	291566
70244448004	N-09338(SEAMAN NECK 4 WELL)-10	SM22 9223B Colilert	291498	SM22 9223B Colilert	291566
70244448005	N-09338(SEAMAN NECK 4 WELL)-30	SM22 9223B Colilert	291498	SM22 9223B Colilert	291566

REPORT OF LABORATORY ANALYSIS

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WO#: 70244448



70244448

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information: Company: KOMAN Government Solutions, LLC Address: 180 Gordon Dr., Suite 110 Exton, PA Email: RGregory@komanqs.com Phone: (810) 400-0636 Fax Requested Due Date:	Section B Required Project Information: Report To: Robert Gregory Copy To: NCDOH Purchase Order #: 02607-204 Project Name: NYAW-MERRICK OPS FACILITY Project #: 02607-204	Section C Invoice Information: Attention: Accounts Payable Company Name: KOMAN Government Solutions, LLC Address: accounts@komanqs.com Pace Quote: Pace Project Manager: Kimberley Mack@komanqs.com Pace Profile #:	Page: 1 Of 1
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ITEM #	SAMPLE ID One Character per box, <input type="checkbox"/> (A-Z, 0-9 / , -) <input type="checkbox"/> Sample Ids must be unique	MATRIX CODE (see walk codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analysees Test Y/N	Colliert (Fecal/Ecolit)	Requested Analytes Filtered (Y/N)	Residual Chlorine (Y/N)
				DATE	TIME	DATE	TIME			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2SO3	Methanol				
1	N-09338 (Seaman Neck 4 Well)-0	DW	G		1/26/23	9:05		1	X								X			
2	N-09338 (Seaman Neck 4 Well)-2	DW	G		1/26/23	9:07		1	X								X			
3	N-09338 (Seaman Neck 4 Well)-5	DW	G		1/26/23	9:10		1	X								X			
4	N-09338 (Seaman Neck 4 Well)-10	DW	G		1/26/23	9:15		1	X								X			
5	N-09338 (Seaman Neck 4 Well)-30	DW	G		1/26/23	9:35		1	X								X			
6	N-09338 (Seaman Neck 4 Well)-30D	DW	G		1/26/23	9:35		1	X								X			
7																				
8																				
9																				
10																				
11																				
12																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	<i>Randy Hoffmaster</i>	1/26/23		<i>[Signature]</i>	1/26/23	13:45	36 W X Y

SAMPLER NAME AND SIGNATURE		TEMP in C	Received on field (Y/N)	Custody Sealed (Y/N)	Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Randy Hoffmaster						
SIGNATURE of SAMPLER: <i>Randy Hoffmaster</i>	DATE Signed: 1-26-23					

KGS

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: _____

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

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Thermometer Used: T1148 Correction Factor: + 0.1

Cooler Temperature [°C]: 3.6 Cooler Temperature Corrected [°C]: 3.7

Temp should be above freezing to 6.0°C

USDA Regulated Soil [N/A, water sample]

Date and Initials of person examining contents: SH 1/26/23

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

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

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

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

Client Notification/ Resolution:

Person Contacted:

Comments/ Resolution:

Field Data Required? Y / N

Date/Time: _____

January 27, 2023

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

RE: Project: NYAW-MERRICK BACT SERIES 1/26
Pace Project No.: 70244447

Dear Robert Gregory:

Enclosed are the analytical results for sample(s) received by the laboratory on January 26, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Melville

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

Sincerely,



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

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: NYAW-MERRICK BACT SERIES 1/26

Pace Project No.: 70244447

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747

Connecticut Certification #: PH-0435

Delaware Certification # NY 10478

Maryland Certification #: 208

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350

Rhode Island Certification #: LAO00340

Virginia Certification # 460302

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: NYAW-MERRICK BACT SERIES 1/26

Pace Project No.: 70244447

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70244447001	GAC-3S/4S-VESSEL#500-0	Drinking Water	01/26/23 09:40	01/26/23 13:45
70244447002	GAC-3S/4S-VESSEL#500-2	Drinking Water	01/26/23 09:42	01/26/23 13:45
70244447003	GAC-3S/4S-VESSEL#500-5	Drinking Water	01/26/23 09:45	01/26/23 13:45
70244447004	GAC-3S/4S-VESSEL#500-10	Drinking Water	01/26/23 09:50	01/26/23 13:45
70244447005	GAC-3S/4S-VESSEL#500-30	Drinking Water	01/26/23 10:10	01/26/23 13:45

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: NYAW-MERRICK BACT SERIES 1/26

Pace Project No.: 70244447

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70244447001	GAC-3S/4S-VESSEL#500-0	SM22 9223B Colilert	GML	2
70244447002	GAC-3S/4S-VESSEL#500-2	SM22 9223B Colilert	GML	2
70244447003	GAC-3S/4S-VESSEL#500-5	SM22 9223B Colilert	GML	2
70244447004	GAC-3S/4S-VESSEL#500-10	SM22 9223B Colilert	GML	2
70244447005	GAC-3S/4S-VESSEL#500-30	SM22 9223B Colilert	GML	2

PACE-MV = Pace Analytical Services - Melville

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW-MERRICK BACT SERIES 1/26

Pace Project No.: 70244447

Sample: GAC-3S/4S-VESSEL#500-0 **Lab ID: 70244447001** Collected: 01/26/23 09:40 Received: 01/26/23 13:45 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/26/23 17:00	01/27/23 11:00		
E.coli	Absent				1	01/26/23 17:00	01/27/23 11:00		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW-MERRICK BACT SERIES 1/26

Pace Project No.: 70244447

Sample: GAC-3S/4S-VESSEL#500-2 Lab ID: 70244447002 Collected: 01/26/23 09:42 Received: 01/26/23 13:45 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/26/23 17:00	01/27/23 11:00		
E.coli	Absent				1	01/26/23 17:00	01/27/23 11:00		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW-MERRICK BACT SERIES 1/26

Pace Project No.: 70244447

Sample: GAC-3S/4S-VESSEL#500-5 **Lab ID: 70244447003** Collected: 01/26/23 09:45 Received: 01/26/23 13:45 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/26/23 17:00	01/27/23 11:00		
E.coli	Absent				1	01/26/23 17:00	01/27/23 11:00		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW-MERRICK BACT SERIES 1/26

Pace Project No.: 70244447

Sample: GAC-3S/4S-VESSEL#500-10 **Lab ID:** 70244447004 Collected: 01/26/23 09:50 Received: 01/26/23 13:45 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/26/23 17:00	01/27/23 11:00		
E.coli	Absent				1	01/26/23 17:00	01/27/23 11:00		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW-MERRICK BACT SERIES 1/26

Pace Project No.: 70244447

Sample: GAC-3S/4S-VESSEL#500-30 **Lab ID:** 70244447005 Collected: 01/26/23 10:10 Received: 01/26/23 13:45 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/26/23 17:00	01/27/23 11:00		
E.coli	Absent				1	01/26/23 17:00	01/27/23 11:00		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: NYAW-MERRICK BACT SERIES 1/26

Pace Project No.: 70244447

QC Batch: 291498

Analysis Method: SM22 9223B Colilert

QC Batch Method: SM22 9223B Colilert

Analysis Description: TotColDW MBIO Total Coliform

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70244447001, 70244447002, 70244447003, 70244447004, 70244447005

METHOD BLANK: 1473941

Matrix: Drinking Water

Associated Lab Samples: 70244447001, 70244447002, 70244447003, 70244447004, 70244447005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
E.coli		Absent		01/27/23 11:00	
Total Coliforms		Absent		01/27/23 11:00	

SAMPLE DUPLICATE: 1473942

Parameter	Units	70244448005 Result	Dup Result	RPD	Max RPD	Qualifiers
E.coli		Absent	Absent			
Total Coliforms		Absent	Absent			

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

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: NYAW-MERRICK BACT SERIES 1/26

Pace Project No.: 70244447

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

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

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: NYAW-MERRICK BACT SERIES 1/26

Pace Project No.: 70244447

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70244447001	GAC-3S/4S-VESSEL#500-0	SM22 9223B Colilert	291498	SM22 9223B Colilert	291566
70244447002	GAC-3S/4S-VESSEL#500-2	SM22 9223B Colilert	291498	SM22 9223B Colilert	291566
70244447003	GAC-3S/4S-VESSEL#500-5	SM22 9223B Colilert	291498	SM22 9223B Colilert	291566
70244447004	GAC-3S/4S-VESSEL#500-10	SM22 9223B Colilert	291498	SM22 9223B Colilert	291566
70244447005	GAC-3S/4S-VESSEL#500-30	SM22 9223B Colilert	291498	SM22 9223B Colilert	291566

REPORT OF LABORATORY ANALYSIS

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WO#: 70244447



70244447

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A

Required Client Information:

Company: KOMAN Government Solutions, LLC
 Address: 180 Gordon Dr., Suite 110
 Exton, PA
 Email: RGregory@komanqs.com
 Phone: (610) 400-0636 Fax:
 Requested Due Date:

Report To: Robert Gregory
 Copy To: NCDOSH
 Purchase Order #: 02607-204
 Project Name: NYAW-MERRICK OPS FACILITY
 Project #: 02607-204

Section C

Invoice Information:

Attention: Accounts Payable
 Company Name: KOMAN Government Solutions, LLC
 Address: accountspayable@komanqs.com
 Pace Quote:
 Pace Project Manager: Kimberley.Mack@Pacelabs.com
 Pace Profile #:

Page: 1 Of 1

Regulatory Agency
 State / Location NY

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique	MATRIX Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Other Tissue	CODE DW WT WW P SL OL WP AR OT TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)					
						START		END				Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other				Analyses Test	Coliform (Fecal/Ecolit)			
						DATE	TIME	DATE	TIME																		
1	GAC-3S/4S-Vessel#500-0	DW	G					1/26/23	9:40		1	X															
2	GAC-3S/4S-Vessel#500-2	DW	G					1/26/23	9:42		1	X															
3	GAC-3S/4S-Vessel#500-5	DW	G					1/26/23	9:45		1	X															
4	GAC-3S/4S-Vessel#500-10	DW	G					1/26/23	9:50		1	X															
5	GAC-3S/4S-Vessel#500-30	DW	G					1/26/23	10:10		1	X															
6																											
7																											
8																											
9																											
10																											
11																											
12																											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	<i>Randy Hoffmaster</i>	1/26/23		<i>[Signature]</i>	1/26/23	13:46	36 W N Y

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: Randy Hoffmaster
 SIGNATURE of SAMPLER: *Randy Hoffmaster*
 DATE Signed: 1.26.2023

EMP in C
 Received on
 e
 /N)
 usbody
 sealed
 cooler
 /N)
 amples
 act
 /N)

KGS

Courier: Fed Ex UPS USPS Client Commercial Face Other

Tracking #:

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

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Thermometer Used: T1148

Correction Factor: + 0.1

Cooler Temperature(°C): 3.6

Cooler Temperature Corrected(°C): 3.7

Temperature Blank Present: Yes No

Type of Ice: Wet Blue None

Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer

USDA Regulated Soil (N/A, water sample)

Date and Initials of person examining contents: SH 1/26/23

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC,

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

NM, NY, OK, OR, SC, TN, TX, or VA (check map)? Yes No

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

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

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

January 30, 2023

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

RE: Project: NYAW-MERRICK BACT SERIES 1/27
Pace Project No.: 70244528

Dear Robert Gregory:

Enclosed are the analytical results for sample(s) received by the laboratory on January 27, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Melville

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

Sincerely,



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

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: NYAW-MERRICK BACT SERIES 1/27

Pace Project No.: 70244528

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747

Connecticut Certification #: PH-0435

Delaware Certification # NY 10478

Maryland Certification #: 208

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350

Rhode Island Certification #: LAO00340

Virginia Certification # 460302

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: NYAW-MERRICK BACT SERIES 1/27
Pace Project No.: 70244528

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70244528001	GAC-3S/4S-VESSEL#300-0	Drinking Water	01/27/23 09:30	01/27/23 13:15
70244528002	GAC-3S/4S-VESSEL#300-2	Drinking Water	01/27/23 09:32	01/27/23 13:15
70244528003	GAC-3S/4S-VESSEL#300-5	Drinking Water	01/27/23 09:35	01/27/23 13:15
70244528004	GAC-3S/4S-VESSEL#300-10	Drinking Water	01/27/23 09:40	01/27/23 13:15
70244528005	GAC-3S/4S-VESSEL#300-30	Drinking Water	01/27/23 10:00	01/27/23 13:15

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SAMPLE ANALYTE COUNT

Project: NYAW-MERRICK BACT SERIES 1/27

Pace Project No.: 70244528

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70244528001	GAC-3S/4S-VESSEL#300-0	SM22 9223B Colilert	GML	2
70244528002	GAC-3S/4S-VESSEL#300-2	SM22 9223B Colilert	GML	2
70244528003	GAC-3S/4S-VESSEL#300-5	SM22 9223B Colilert	GML	2
70244528004	GAC-3S/4S-VESSEL#300-10	SM22 9223B Colilert	GML	2
70244528005	GAC-3S/4S-VESSEL#300-30	SM22 9223B Colilert	GML	2

PACE-MV = Pace Analytical Services - Melville

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW-MERRICK BACT SERIES 1/27

Pace Project No.: 70244528

Sample: GAC-3S/4S-VESSEL#300-0 **Lab ID: 70244528001** Collected: 01/27/23 09:30 Received: 01/27/23 13:15 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/28/23 06:30	01/29/23 06:30		
E.coli	Absent				1	01/28/23 06:30	01/29/23 06:30		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW-MERRICK BACT SERIES 1/27

Pace Project No.: 70244528

Sample: GAC-3S/4S-VESSEL#300-2 Lab ID: 70244528002 Collected: 01/27/23 09:32 Received: 01/27/23 13:15 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/28/23 06:30	01/29/23 06:30		
E.coli	Absent				1	01/28/23 06:30	01/29/23 06:30		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW-MERRICK BACT SERIES 1/27

Pace Project No.: 70244528

Sample: GAC-3S/4S-VESSEL#300-5 Lab ID: 70244528003 Collected: 01/27/23 09:35 Received: 01/27/23 13:15 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/28/23 06:30	01/29/23 06:30		
E.coli	Absent				1	01/28/23 06:30	01/29/23 06:30		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW-MERRICK BACT SERIES 1/27

Pace Project No.: 70244528

Sample: GAC-3S/4S-VESSEL#300-10 **Lab ID:** 70244528004 Collected: 01/27/23 09:40 Received: 01/27/23 13:15 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/28/23 06:30	01/29/23 06:30		
E.coli	Absent				1	01/28/23 06:30	01/29/23 06:30		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW-MERRICK BACT SERIES 1/27

Pace Project No.: 70244528

Sample: GAC-3S/4S-VESSEL#300-30 **Lab ID:** 70244528005 Collected: 01/27/23 10:00 Received: 01/27/23 13:15 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/28/23 06:30	01/29/23 06:30		
E.coli	Absent				1	01/28/23 06:30	01/29/23 06:30		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: NYAW-MERRICK BACT SERIES 1/27

Pace Project No.: 70244528

QC Batch: 291615

Analysis Method: SM22 9223B Colilert

QC Batch Method: SM22 9223B Colilert

Analysis Description: TotColDW MBIO Total Coliform

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70244528001, 70244528002, 70244528003, 70244528004, 70244528005

METHOD BLANK: 1474622

Matrix: Drinking Water

Associated Lab Samples: 70244528001, 70244528002, 70244528003, 70244528004, 70244528005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
E.coli		Absent		01/29/23 06:30	
Total Coliforms		Absent		01/29/23 06:30	

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

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: NYAW-MERRICK BACT SERIES 1/27

Pace Project No.: 70244528

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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: NYAW-MERRICK BACT SERIES 1/27

Pace Project No.: 70244528

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70244528001	GAC-3S/4S-VESSEL#300-0	SM22 9223B Colilert	291615	SM22 9223B Colilert	291694
70244528002	GAC-3S/4S-VESSEL#300-2	SM22 9223B Colilert	291615	SM22 9223B Colilert	291694
70244528003	GAC-3S/4S-VESSEL#300-5	SM22 9223B Colilert	291615	SM22 9223B Colilert	291694
70244528004	GAC-3S/4S-VESSEL#300-10	SM22 9223B Colilert	291615	SM22 9223B Colilert	291694
70244528005	GAC-3S/4S-VESSEL#300-30	SM22 9223B Colilert	291615	SM22 9223B Colilert	291694

REPORT OF LABORATORY ANALYSIS

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Client Name: KGS

PM: KMM

Due Date: 02/03/23

CLIENT: KGS

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: _____

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

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Thermometer Used: T1148 Correction Factor: + 0.1

Cooler Temperature(°C): 0.6 Cooler Temperature Corrected(°C): 0.7

Temp should be above freezing to 6.0°C

USDA Regulated Soil (N/A, water sample)

Temperature Blank Present: Yes No

Type of Ice: Wet Blue None

Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer _____

Date and Initials of person examining contents: SH 1/27/23

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

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

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

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

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

January 30, 2023

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

RE: Project: NYAW-MERRICK BACT SERIES 1/27
Pace Project No.: 70244527

Dear Robert Gregory:

Enclosed are the analytical results for sample(s) received by the laboratory on January 27, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Melville

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

Sincerely,



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

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: NYAW-MERRICK BACT SERIES 1/27

Pace Project No.: 70244527

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747

Connecticut Certification #: PH-0435

Delaware Certification # NY 10478

Maryland Certification #: 208

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350

Rhode Island Certification #: LAO00340

Virginia Certification # 460302

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: NYAW-MERRICK BACT SERIES 1/27
Pace Project No.: 70244527

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70244527001	GAC-3S/4S-VESSEL#400-0	Drinking Water	01/27/23 10:15	01/27/23 13:15
70244527002	GAC-3S/4S-VESSEL#400-2	Drinking Water	01/27/23 10:17	01/27/23 13:15
70244527003	GAC-3S/4S-VESSEL#400-5	Drinking Water	01/27/23 10:20	01/27/23 13:15
70244527004	GAC-3S/4S-VESSEL#400-10	Drinking Water	01/27/23 10:25	01/27/23 13:15
70244527005	GAC-3S/4S-VESSEL#400-30	Drinking Water	01/27/23 10:45	01/27/23 13:15

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: NYAW-MERRICK BACT SERIES 1/27

Pace Project No.: 70244527

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70244527001	GAC-3S/4S-VESSEL#400-0	SM22 9223B Colilert	GML	2
70244527002	GAC-3S/4S-VESSEL#400-2	SM22 9223B Colilert	GML	2
70244527003	GAC-3S/4S-VESSEL#400-5	SM22 9223B Colilert	GML	2
70244527004	GAC-3S/4S-VESSEL#400-10	SM22 9223B Colilert	GML	2
70244527005	GAC-3S/4S-VESSEL#400-30	SM22 9223B Colilert	GML	2

PACE-MV = Pace Analytical Services - Melville

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW-MERRICK BACT SERIES 1/27

Pace Project No.: 70244527

Sample: GAC-3S/4S-VESSEL#400-0 **Lab ID: 70244527001** Collected: 01/27/23 10:15 Received: 01/27/23 13:15 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/28/23 06:30	01/29/23 06:30		
E.coli	Absent				1	01/28/23 06:30	01/29/23 06:30		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW-MERRICK BACT SERIES 1/27

Pace Project No.: 70244527

Sample: GAC-3S/4S-VESSEL#400-2 Lab ID: 70244527002 Collected: 01/27/23 10:17 Received: 01/27/23 13:15 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/28/23 06:30	01/29/23 06:30		
E.coli	Absent				1	01/28/23 06:30	01/29/23 06:30		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW-MERRICK BACT SERIES 1/27

Pace Project No.: 70244527

Sample: GAC-3S/4S-VESSEL#400-5 **Lab ID: 70244527003** Collected: 01/27/23 10:20 Received: 01/27/23 13:15 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/28/23 06:30	01/29/23 06:30		
E.coli	Absent				1	01/28/23 06:30	01/29/23 06:30		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW-MERRICK BACT SERIES 1/27

Pace Project No.: 70244527

Sample: GAC-3S/4S-VESSEL#400-10 **Lab ID:** 70244527004 Collected: 01/27/23 10:25 Received: 01/27/23 13:15 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/28/23 06:30	01/29/23 06:30		
E.coli	Absent				1	01/28/23 06:30	01/29/23 06:30		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW-MERRICK BACT SERIES 1/27

Pace Project No.: 70244527

Sample: GAC-3S/4S-VESSEL#400-30 **Lab ID:** 70244527005 Collected: 01/27/23 10:45 Received: 01/27/23 13:15 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/28/23 06:30	01/29/23 06:30		
E.coli	Absent				1	01/28/23 06:30	01/29/23 06:30		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: NYAW-MERRICK BACT SERIES 1/27
Pace Project No.: 70244527

QC Batch:	291615	Analysis Method:	SM22 9223B Colilert
QC Batch Method:	SM22 9223B Colilert	Analysis Description:	TotColDW MBIO Total Coliform
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70244527001, 70244527002, 70244527003, 70244527004, 70244527005

METHOD BLANK: 1474622 Matrix: Drinking Water
Associated Lab Samples: 70244527001, 70244527002, 70244527003, 70244527004, 70244527005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
E.coli		Absent		01/29/23 06:30	
Total Coliforms		Absent		01/29/23 06:30	

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

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: NYAW-MERRICK BACT SERIES 1/27

Pace Project No.: 70244527

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

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

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: NYAW-MERRICK BACT SERIES 1/27

Pace Project No.: 70244527

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70244527001	GAC-3S/4S-VESSEL#400-0	SM22 9223B Colilert	291615	SM22 9223B Colilert	291694
70244527002	GAC-3S/4S-VESSEL#400-2	SM22 9223B Colilert	291615	SM22 9223B Colilert	291694
70244527003	GAC-3S/4S-VESSEL#400-5	SM22 9223B Colilert	291615	SM22 9223B Colilert	291694
70244527004	GAC-3S/4S-VESSEL#400-10	SM22 9223B Colilert	291615	SM22 9223B Colilert	291694
70244527005	GAC-3S/4S-VESSEL#400-30	SM22 9223B Colilert	291615	SM22 9223B Colilert	291694

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY / Analytical Request

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

WO#: 70244527

Section A

Required Client Information:

Company: KOMAN Government Solutions, LLC
 Address: 180 Gordon Dr., Suite 110
 Exton, PA
 Email: RGregory@komanqs.com
 Phone: (610) 400-0636 Fax
 Requested Due Date:

Section B

Required Project Information:

Report To: Robert Gregory
 Copy To: NCDOH
 Purchase Order #: 02607-204
 Project Name: NYAW-MERRICK OPS FACILITY
 Project #: 02607-204

Section C

Invoice Information:

Attention: Accounts Payable
 Company Name: KOMAN Government Solutions, LLC
 Address: accountspavable@komanqs.com
 Pace Quote:
 Pace Project Manager: Kimberley.Mack@Pacelabs.com
 Pace Profile #:

Regulatory Agency

State / Location

NY

ITEM #	SAMPLE ID One Character per box. □ (A-Z, 0-9 / , -) □ Sample ids must be unique	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analyses Test Colliert (Fecal/Ecoli)	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)							
				START DATE	START TIME	END DATE	END TIME			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other										
1	GAC-3S/4S-Vessel#400-0	DW	G			1-27-23	10:15	1	X																		
2	GAC-3S/4S-Vessel#400-2	DW	G			1-27-23	10:17	1	X																		
3	GAC-3S/4S-Vessel#400-5	DW	G			1-27-23	10:20	1	X																		
4	GAC-3S/4S-Vessel#400-10	DW	G			1-27-23	10:25	1	X																		
5	GAC-3S/4S-Vessel#400-30	DW	G			1-27-23	10:45	1	X																		
6																											
7																											
8																											
9																											
10																											
11																											
12																											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	<i>Randy Hoffmaster</i>	1-27-23		<i>[Signature]</i>	1-27-23	13:15	16 W N Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Randy Hoffmaster

SIGNATURE of SAMPLER: *Randy Hoffmaster*

DATE Signed: 1-27-2023

TEMP in C

Received on Ice (Y/N)

Custody Sealed (Y/N)

Cooler (Y/N)

Samples Intact (Y/N)

WO#: 70244527

Client Name: KGS

PM: KMM Due Date: 02/03/23
CLIENT: KGS

Courier: Fed Ex UPS USPS Client Commercial Race Other

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

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other
Thermometer Used: T1148 Correction Factor: + 0.1

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

Cooler Temperature [°C]: 0.6 Cooler Temperature Corrected [°C]: 0.7
Temp should be above freezing to 6.0°C

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

USDA Regulated Soil (N/A, water sample)

Date and Initials of person examining contents: SH 1/27/23

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

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

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

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

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

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

January 27, 2023

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

RE: Project: NYAW-MERRICK BACT SEREIS 1/26
Pace Project No.: 70244443

Dear Robert Gregory:

Enclosed are the analytical results for sample(s) received by the laboratory on January 26, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Melville

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

Sincerely,



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

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: NYAW-MERRICK BACT SEREIS 1/26

Pace Project No.: 70244443

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747

Connecticut Certification #: PH-0435

Delaware Certification # NY 10478

Maryland Certification #: 208

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350

Rhode Island Certification #: LAO00340

Virginia Certification # 460302

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: NYAW-MERRICK BACT SEREIS 1/26
Pace Project No.: 70244443

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70244443001	GAC-3S/4S-VESSEL#600-0	Drinking Water	01/26/23 09:50	01/26/23 13:45
70244443002	GAC-3S/4S-VESSEL#600-2	Drinking Water	01/26/23 09:52	01/26/23 13:45
70244443003	GAC-3S/4S-VESSEL#600-5	Drinking Water	01/26/23 09:55	01/26/23 13:45
70244443004	GAC-3S/4S-VESSEL#600-10	Drinking Water	01/26/23 10:00	01/26/23 13:45
70244443005	GAC-3S/4S-VESSEL#600-30	Drinking Water	01/26/23 10:20	01/26/23 13:45

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: NYAW-MERRICK BACT SEREIS 1/26

Pace Project No.: 70244443

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70244443001	GAC-3S/4S-VESSEL#600-0	SM22 9223B Colilert	GML	2
70244443002	GAC-3S/4S-VESSEL#600-2	SM22 9223B Colilert	GML	2
70244443003	GAC-3S/4S-VESSEL#600-5	SM22 9223B Colilert	GML	2
70244443004	GAC-3S/4S-VESSEL#600-10	SM22 9223B Colilert	GML	2
70244443005	GAC-3S/4S-VESSEL#600-30	SM22 9223B Colilert	GML	2

PACE-MV = Pace Analytical Services - Melville

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW-MERRICK BACT SEREIS 1/26

Pace Project No.: 70244443

Sample: GAC-3S/4S-VESSEL#600-0 **Lab ID: 70244443001** Collected: 01/26/23 09:50 Received: 01/26/23 13:45 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/26/23 17:00	01/27/23 11:00		
E.coli	Absent				1	01/26/23 17:00	01/27/23 11:00		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW-MERRICK BACT SEREIS 1/26

Pace Project No.: 70244443

Sample: GAC-3S/4S-VESSEL#600-2 **Lab ID: 70244443002** Collected: 01/26/23 09:52 Received: 01/26/23 13:45 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/26/23 17:00	01/27/23 11:00		
E.coli	Absent				1	01/26/23 17:00	01/27/23 11:00		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW-MERRICK BACT SEREIS 1/26

Pace Project No.: 70244443

Sample: GAC-3S/4S-VESSEL#600-5 Lab ID: 70244443003 Collected: 01/26/23 09:55 Received: 01/26/23 13:45 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/26/23 17:00	01/27/23 11:00		
E.coli	Absent				1	01/26/23 17:00	01/27/23 11:00		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW-MERRICK BACT SEREIS 1/26

Pace Project No.: 70244443

Sample: GAC-3S/4S-VESSEL#600-10 **Lab ID:** 70244443004 Collected: 01/26/23 10:00 Received: 01/26/23 13:45 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/26/23 17:00	01/27/23 11:00		
E.coli	Absent				1	01/26/23 17:00	01/27/23 11:00		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW-MERRICK BACT SEREIS 1/26

Pace Project No.: 70244443

Sample: GAC-3S/4S-VESSEL#600-30 **Lab ID:** 70244443005 Collected: 01/26/23 10:20 Received: 01/26/23 13:45 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
MBIO Total Coliform DW									
Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert									
Pace Analytical Services - Melville									
Total Coliforms	Absent				1	01/26/23 17:00	01/27/23 11:00		
E.coli	Absent				1	01/26/23 17:00	01/27/23 11:00		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: NYAW-MERRICK BACT SEREIS 1/26
Pace Project No.: 70244443

QC Batch:	291498	Analysis Method:	SM22 9223B Colilert
QC Batch Method:	SM22 9223B Colilert	Analysis Description:	TotColDW MBIO Total Coliform
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70244443001, 70244443002, 70244443003, 70244443004, 70244443005

METHOD BLANK: 1473941 Matrix: Drinking Water
Associated Lab Samples: 70244443001, 70244443002, 70244443003, 70244443004, 70244443005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
E.coli		Absent		01/27/23 11:00	
Total Coliforms		Absent		01/27/23 11:00	

SAMPLE DUPLICATE: 1473942

Parameter	Units	70244448005 Result	Dup Result	RPD	Max RPD	Qualifiers
E.coli		Absent	Absent			
Total Coliforms		Absent	Absent			

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

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QUALIFIERS

Project: NYAW-MERRICK BACT SEREIS 1/26

Pace Project No.: 70244443

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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: NYAW-MERRICK BACT SEREIS 1/26

Pace Project No.: 70244443

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70244443001	GAC-3S/4S-VESSEL#600-0	SM22 9223B Colilert	291498	SM22 9223B Colilert	291566
70244443002	GAC-3S/4S-VESSEL#600-2	SM22 9223B Colilert	291498	SM22 9223B Colilert	291566
70244443003	GAC-3S/4S-VESSEL#600-5	SM22 9223B Colilert	291498	SM22 9223B Colilert	291566
70244443004	GAC-3S/4S-VESSEL#600-10	SM22 9223B Colilert	291498	SM22 9223B Colilert	291566
70244443005	GAC-3S/4S-VESSEL#600-30	SM22 9223B Colilert	291498	SM22 9223B Colilert	291566

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KGS

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #:

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

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Thermometer Used: T1148 Correction Factor: + 0.1

Cooler Temperature [°C]: 3.6 Cooler Temperature Corrected [°C]: 3.7

Temp should be above freezing to 6.0°C

USDA Regulated Soil (N/A water sample)

Temperature Blank Present: Yes No

Type of Ice: Wet Blue None

Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer

Date and Initials of person examining contents: SH 1/26/23

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

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

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

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

Client Notification/ Resolution:

Person Contacted:

Comments/ Resolution:

Field Data Required?

Y / N

Date/Time:

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