

September 21, 2022

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

RE: Project: NYAW-MERRICK OPS 9/9
Pace Project No.: 70228872

Dear Robert Gregory:

Enclosed are the analytical results for sample(s) received by the laboratory on September 09, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Melville

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 9/9

Pace Project No.: 70228872

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 9/9
Pace Project No.: 70228872

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70228872001	GAC-3S/4S (SEAMAN NECK GAC EFF)	Drinking Water	09/09/22 10:00	09/09/22 10:45
70228872002	GAC-3S/4S (SEAMAN NECK GAC) D	Drinking Water	09/09/22 10:15	09/09/22 10:45
70228872003	WELL 3A N-14347	Drinking Water	09/09/22 09:45	09/09/22 10:45
70228872004	WELL 4 N-09338 (INFLUENT)	Drinking Water	09/09/22 09:30	09/09/22 10:45

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SAMPLE ANALYTE COUNT

Project: NYAW-MERRICK OPS 9/9

Pace Project No.: 70228872

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70228872001	GAC-3S/4S (SEAMAN NECK GAC EFF)	EPA 522	AI1	2
		EPA 524.2	KGG	62
70228872002	GAC-3S/4S (SEAMAN NECK GAC) D	EPA 524.2	KGG	62
70228872003	WELL 3A N-14347	EPA 522	AI1	2
		EPA 524.2	KGG	62
70228872004	WELL 4 N-09338 (INFLUENT)	EPA 522	AI1	2
		EPA 524.2	KGG	62

PACE-MV = Pace Analytical Services - Melville

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ANALYTICAL RESULTS

Project: NYAW-MERRICK OPS 9/9

Pace Project No.: 70228872

Sample: GAC-3S/4S (SEAMAN NECK GAC EFF) **Lab ID:** 70228872001 Collected: 09/09/22 10:00 Received: 09/09/22 10:45 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
522 MSS 1,4 Dioxane (SIM)									
Analytical Method: EPA 522 Preparation Method: EPA 522									
Pace Analytical Services - Melville									
1,4-Dioxane (p-Dioxane)	2.1	ug/L	0.020		1	09/20/22 15:54	09/21/22 15:00	123-91-1	
Surrogates									
1,4-Dioxane-d8 (S)	104	%	70-130		1	09/20/22 15:54	09/21/22 15:00		
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Melville									
Benzene	<0.50	ug/L	0.50		5		09/20/22 19:19	71-43-2	
Bromobenzene	<0.50	ug/L	0.50		1		09/20/22 19:19	108-86-1	
Bromochloromethane	<0.50	ug/L	0.50		1		09/20/22 19:19	74-97-5	
Bromodichloromethane	<0.50	ug/L	0.50	80	1		09/20/22 19:19	75-27-4	
Bromoform	<0.50	ug/L	0.50	80	1		09/20/22 19:19	75-25-2	v3
Bromomethane	<0.50	ug/L	0.50		1		09/20/22 19:19	74-83-9	
n-Butylbenzene	<0.50	ug/L	0.50		1		09/20/22 19:19	104-51-8	
sec-Butylbenzene	<0.50	ug/L	0.50		1		09/20/22 19:19	135-98-8	
tert-Butylbenzene	<0.50	ug/L	0.50		1		09/20/22 19:19	98-06-6	
Carbon tetrachloride	<0.50	ug/L	0.50		5	1	09/20/22 19:19	56-23-5	
Chlorobenzene	<0.50	ug/L	0.50		100	1	09/20/22 19:19	108-90-7	
Chlorodifluoromethane	<0.50	ug/L	0.50		1		09/20/22 19:19	75-45-6	N3
Chloroethane	<0.50	ug/L	0.50		1		09/20/22 19:19	75-00-3	
Chloroform	<0.50	ug/L	0.50	80	1		09/20/22 19:19	67-66-3	
Chloromethane	<0.50	ug/L	0.50		1		09/20/22 19:19	74-87-3	
2-Chlorotoluene	<0.50	ug/L	0.50		1		09/20/22 19:19	95-49-8	
4-Chlorotoluene	<0.50	ug/L	0.50		1		09/20/22 19:19	106-43-4	
Dibromochloromethane	<0.50	ug/L	0.50	80	1		09/20/22 19:19	124-48-1	v3
Dibromomethane	<0.50	ug/L	0.50		1		09/20/22 19:19	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	0.50	600	1		09/20/22 19:19	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	0.50		1		09/20/22 19:19	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	0.50	75	1		09/20/22 19:19	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	0.50		1		09/20/22 19:19	75-71-8	L2
1,1-Dichloroethane	<0.50	ug/L	0.50		1		09/20/22 19:19	75-34-3	
1,2-Dichloroethane	<0.50	ug/L	0.50	5	1		09/20/22 19:19	107-06-2	
1,1-Dichloroethene	<0.50	ug/L	0.50	7	1		09/20/22 19:19	75-35-4	
cis-1,2-Dichloroethene	<0.50	ug/L	0.50	70	1		09/20/22 19:19	156-59-2	
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	100	1		09/20/22 19:19	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	0.50	5	1		09/20/22 19:19	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	0.50		1		09/20/22 19:19	142-28-9	
2,2-Dichloropropane	<0.50	ug/L	0.50		1		09/20/22 19:19	594-20-7	
1,1-Dichloropropene	<0.50	ug/L	0.50		1		09/20/22 19:19	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	0.50		1		09/20/22 19:19	10061-01-5	
trans-1,3-Dichloropropene	<0.50	ug/L	0.50		1		09/20/22 19:19	10061-02-6	
Ethylbenzene	<0.50	ug/L	0.50	700	1		09/20/22 19:19	100-41-4	
Hexachloro-1,3-butadiene	<0.50	ug/L	0.50		1		09/20/22 19:19	87-68-3	
Isopropylbenzene (Cumene)	<0.50	ug/L	0.50		1		09/20/22 19:19	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	0.50		1		09/20/22 19:19	99-87-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW-MERRICK OPS 9/9

Pace Project No.: 70228872

Sample: GAC-3S/4S (SEAMAN NECK GAC EFF) **Lab ID:** 70228872001 Collected: 09/09/22 10:00 Received: 09/09/22 10:45 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		09/20/22 19:19	75-09-2	
Methyl-tert-butyl ether	<0.50	ug/L	0.50		1		09/20/22 19:19	1634-04-4	
n-Propylbenzene	<0.50	ug/L	0.50		1		09/20/22 19:19	103-65-1	
Styrene	<0.50	ug/L	0.50	100	1		09/20/22 19:19	100-42-5	
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50		1		09/20/22 19:19	630-20-6	
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50		1		09/20/22 19:19	79-34-5	
Tetrachloroethene	<0.50	ug/L	0.50	5	1		09/20/22 19:19	127-18-4	
Toluene	<0.50	ug/L	0.50	1000	1		09/20/22 19:19	108-88-3	
Total Trihalomethanes (Calc.)	<0.50	ug/L	0.50	80	1		09/20/22 19:19		
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50		1		09/20/22 19:19	87-61-6	
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	70	1		09/20/22 19:19	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	0.50	200	1		09/20/22 19:19	71-55-6	
1,1,2-Trichloroethane	<0.50	ug/L	0.50	5	1		09/20/22 19:19	79-00-5	
Trichloroethene	<0.50	ug/L	0.50	5	1		09/20/22 19:19	79-01-6	
Trichlorofluoromethane	<0.50	ug/L	0.50		1		09/20/22 19:19	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	0.50		1		09/20/22 19:19	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.50	ug/L	0.50		1		09/20/22 19:19	76-13-1	N3
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50		1		09/20/22 19:19	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50		1		09/20/22 19:19	108-67-8	
Vinyl chloride	<0.50	ug/L	0.50	2	1		09/20/22 19:19	75-01-4	
m&p-Xylene	<0.50	ug/L	0.50		1		09/20/22 19:19	179601-23-1	
o-Xylene	<0.50	ug/L	0.50		1		09/20/22 19:19	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	94	%	70-130		1		09/20/22 19:19	2199-69-1	
4-Bromofluorobenzene (S)	88	%	70-130		1		09/20/22 19:19	460-00-4	

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ANALYTICAL RESULTS

Project: NYAW-MERRICK OPS 9/9

Pace Project No.: 70228872

Sample: **GAC-3S/4S (SEAMAN NECK GAC) D** Lab ID: **70228872002** Collected: 09/09/22 10:15 Received: 09/09/22 10:45 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		09/20/22 19:46	71-43-2	
Bromobenzene	<0.50	ug/L	0.50		1		09/20/22 19:46	108-86-1	
Bromochloromethane	<0.50	ug/L	0.50		1		09/20/22 19:46	74-97-5	
Bromodichloromethane	<0.50	ug/L	0.50	80	1		09/20/22 19:46	75-27-4	
Bromoform	<0.50	ug/L	0.50	80	1		09/20/22 19:46	75-25-2	v3
Bromomethane	<0.50	ug/L	0.50		1		09/20/22 19:46	74-83-9	
n-Butylbenzene	<0.50	ug/L	0.50		1		09/20/22 19:46	104-51-8	
sec-Butylbenzene	<0.50	ug/L	0.50		1		09/20/22 19:46	135-98-8	
tert-Butylbenzene	<0.50	ug/L	0.50		1		09/20/22 19:46	98-06-6	
Carbon tetrachloride	<0.50	ug/L	0.50	5	1		09/20/22 19:46	56-23-5	
Chlorobenzene	<0.50	ug/L	0.50	100	1		09/20/22 19:46	108-90-7	
Chlorodifluoromethane	<0.50	ug/L	0.50		1		09/20/22 19:46	75-45-6	N3
Chloroethane	<0.50	ug/L	0.50		1		09/20/22 19:46	75-00-3	
Chloroform	<0.50	ug/L	0.50	80	1		09/20/22 19:46	67-66-3	
Chloromethane	<0.50	ug/L	0.50		1		09/20/22 19:46	74-87-3	
2-Chlorotoluene	<0.50	ug/L	0.50		1		09/20/22 19:46	95-49-8	
4-Chlorotoluene	<0.50	ug/L	0.50		1		09/20/22 19:46	106-43-4	
Dibromochloromethane	<0.50	ug/L	0.50	80	1		09/20/22 19:46	124-48-1	v3
Dibromomethane	<0.50	ug/L	0.50		1		09/20/22 19:46	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	0.50	600	1		09/20/22 19:46	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	0.50		1		09/20/22 19:46	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	0.50	75	1		09/20/22 19:46	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	0.50		1		09/20/22 19:46	75-71-8	L2
1,1-Dichloroethane	<0.50	ug/L	0.50		1		09/20/22 19:46	75-34-3	
1,2-Dichloroethane	<0.50	ug/L	0.50	5	1		09/20/22 19:46	107-06-2	
1,1-Dichloroethene	<0.50	ug/L	0.50	7	1		09/20/22 19:46	75-35-4	
cis-1,2-Dichloroethene	<0.50	ug/L	0.50	70	1		09/20/22 19:46	156-59-2	
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	100	1		09/20/22 19:46	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	0.50	5	1		09/20/22 19:46	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	0.50		1		09/20/22 19:46	142-28-9	
2,2-Dichloropropane	<0.50	ug/L	0.50		1		09/20/22 19:46	594-20-7	
1,1-Dichloropropene	<0.50	ug/L	0.50		1		09/20/22 19:46	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	0.50		1		09/20/22 19:46	10061-01-5	
trans-1,3-Dichloropropene	<0.50	ug/L	0.50		1		09/20/22 19:46	10061-02-6	
Ethylbenzene	<0.50	ug/L	0.50	700	1		09/20/22 19:46	100-41-4	
Hexachloro-1,3-butadiene	<0.50	ug/L	0.50		1		09/20/22 19:46	87-68-3	
Isopropylbenzene (Cumene)	<0.50	ug/L	0.50		1		09/20/22 19:46	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	0.50		1		09/20/22 19:46	99-87-6	
Methylene Chloride	<0.50	ug/L	0.50	5	1		09/20/22 19:46	75-09-2	
Methyl-tert-butyl ether	<0.50	ug/L	0.50		1		09/20/22 19:46	1634-04-4	
n-Propylbenzene	<0.50	ug/L	0.50		1		09/20/22 19:46	103-65-1	
Styrene	<0.50	ug/L	0.50	100	1		09/20/22 19:46	100-42-5	
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50		1		09/20/22 19:46	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50		1		09/20/22 19:46	79-34-5	

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ANALYTICAL RESULTS

Project: NYAW-MERRICK OPS 9/9

Pace Project No.: 70228872

Sample: GAC-3S/4S (SEAMAN NECK GAC) D **Lab ID:** 70228872002 Collected: 09/09/22 10:15 Received: 09/09/22 10:45 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		09/20/22 19:46	127-18-4	
Toluene	<0.50	ug/L	0.50	1000	1		09/20/22 19:46	108-88-3	
Total Trihalomethanes (Calc.)	<0.50	ug/L	0.50	80	1		09/20/22 19:46		
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50		1		09/20/22 19:46	87-61-6	
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	70	1		09/20/22 19:46	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	0.50	200	1		09/20/22 19:46	71-55-6	
1,1,2-Trichloroethane	<0.50	ug/L	0.50	5	1		09/20/22 19:46	79-00-5	
Trichloroethene	<0.50	ug/L	0.50	5	1		09/20/22 19:46	79-01-6	
Trichlorofluoromethane	<0.50	ug/L	0.50		1		09/20/22 19:46	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	0.50		1		09/20/22 19:46	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.50	ug/L	0.50		1		09/20/22 19:46	76-13-1	N3
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50		1		09/20/22 19:46	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50		1		09/20/22 19:46	108-67-8	
Vinyl chloride	<0.50	ug/L	0.50	2	1		09/20/22 19:46	75-01-4	
m&p-Xylene	<0.50	ug/L	0.50		1		09/20/22 19:46	179601-23-1	
o-Xylene	<0.50	ug/L	0.50		1		09/20/22 19:46	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	92	%	70-130		1		09/20/22 19:46	2199-69-1	
4-Bromofluorobenzene (S)	86	%	70-130		1		09/20/22 19:46	460-00-4	

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ANALYTICAL RESULTS

Project: NYAW-MERRICK OPS 9/9

Pace Project No.: 70228872

Sample: WELL 3A N-14347 **Lab ID: 70228872003** Collected: 09/09/22 09:45 Received: 09/09/22 10:45 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
522 MSS 1,4 Dioxane (SIM)									
Analytical Method: EPA 522 Preparation Method: EPA 522									
Pace Analytical Services - Melville									
1,4-Dioxane (p-Dioxane)	2.4	ug/L	0.020		1	09/20/22 15:54	09/21/22 15:16	123-91-1	
Surrogates									
1,4-Dioxane-d8 (S)	104	%	70-130		1	09/20/22 15:54	09/21/22 15:16		
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Melville									
Benzene	<0.50	ug/L	0.50		5		09/20/22 20:13	71-43-2	
Bromobenzene	<0.50	ug/L	0.50		1		09/20/22 20:13	108-86-1	
Bromochloromethane	<0.50	ug/L	0.50		1		09/20/22 20:13	74-97-5	
Bromodichloromethane	<0.50	ug/L	0.50	80	1		09/20/22 20:13	75-27-4	
Bromoform	<0.50	ug/L	0.50	80	1		09/20/22 20:13	75-25-2	v3
Bromomethane	<0.50	ug/L	0.50		1		09/20/22 20:13	74-83-9	
n-Butylbenzene	<0.50	ug/L	0.50		1		09/20/22 20:13	104-51-8	
sec-Butylbenzene	<0.50	ug/L	0.50		1		09/20/22 20:13	135-98-8	
tert-Butylbenzene	<0.50	ug/L	0.50		1		09/20/22 20:13	98-06-6	
Carbon tetrachloride	<0.50	ug/L	0.50	5	1		09/20/22 20:13	56-23-5	
Chlorobenzene	<0.50	ug/L	0.50	100	1		09/20/22 20:13	108-90-7	
Chlorodifluoromethane	<0.50	ug/L	0.50		1		09/20/22 20:13	75-45-6	N3
Chloroethane	<0.50	ug/L	0.50		1		09/20/22 20:13	75-00-3	
Chloroform	<0.50	ug/L	0.50	80	1		09/20/22 20:13	67-66-3	
Chloromethane	<0.50	ug/L	0.50		1		09/20/22 20:13	74-87-3	
2-Chlorotoluene	<0.50	ug/L	0.50		1		09/20/22 20:13	95-49-8	
4-Chlorotoluene	<0.50	ug/L	0.50		1		09/20/22 20:13	106-43-4	
Dibromochloromethane	<0.50	ug/L	0.50	80	1		09/20/22 20:13	124-48-1	v3
Dibromomethane	<0.50	ug/L	0.50		1		09/20/22 20:13	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	0.50	600	1		09/20/22 20:13	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	0.50		1		09/20/22 20:13	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	0.50	75	1		09/20/22 20:13	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	0.50		1		09/20/22 20:13	75-71-8	L2
1,1-Dichloroethane	<0.50	ug/L	0.50		1		09/20/22 20:13	75-34-3	
1,2-Dichloroethane	<0.50	ug/L	0.50	5	1		09/20/22 20:13	107-06-2	
1,1-Dichloroethene	<0.50	ug/L	0.50	7	1		09/20/22 20:13	75-35-4	
cis-1,2-Dichloroethene	<0.50	ug/L	0.50	70	1		09/20/22 20:13	156-59-2	
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	100	1		09/20/22 20:13	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	0.50	5	1		09/20/22 20:13	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	0.50		1		09/20/22 20:13	142-28-9	
2,2-Dichloropropane	<0.50	ug/L	0.50		1		09/20/22 20:13	594-20-7	
1,1-Dichloropropene	<0.50	ug/L	0.50		1		09/20/22 20:13	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	0.50		1		09/20/22 20:13	10061-01-5	
trans-1,3-Dichloropropene	<0.50	ug/L	0.50		1		09/20/22 20:13	10061-02-6	
Ethylbenzene	<0.50	ug/L	0.50	700	1		09/20/22 20:13	100-41-4	
Hexachloro-1,3-butadiene	<0.50	ug/L	0.50		1		09/20/22 20:13	87-68-3	
Isopropylbenzene (Cumene)	<0.50	ug/L	0.50		1		09/20/22 20:13	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	0.50		1		09/20/22 20:13	99-87-6	
Methylene Chloride	<0.50	ug/L	0.50	5	1		09/20/22 20:13	75-09-2	

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ANALYTICAL RESULTS

Project: NYAW-MERRICK OPS 9/9

Pace Project No.: 70228872

Sample: WELL 3A N-14347 **Lab ID: 70228872003** Collected: 09/09/22 09:45 Received: 09/09/22 10:45 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									
Methyl-tert-butyl ether	<0.50	ug/L	0.50		1		09/20/22 20:13	1634-04-4	
n-Propylbenzene	<0.50	ug/L	0.50		1		09/20/22 20:13	103-65-1	
Styrene	<0.50	ug/L	0.50	100	1		09/20/22 20:13	100-42-5	
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50		1		09/20/22 20:13	630-20-6	
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50		1		09/20/22 20:13	79-34-5	
Tetrachloroethene	<0.50	ug/L	0.50		5	1	09/20/22 20:13	127-18-4	
Toluene	<0.50	ug/L	0.50	1000	1		09/20/22 20:13	108-88-3	
Total Trihalomethanes (Calc.)	<0.50	ug/L	0.50		80	1	09/20/22 20:13		
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50		1		09/20/22 20:13	87-61-6	
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	70	1		09/20/22 20:13	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	0.50	200	1		09/20/22 20:13	71-55-6	
1,1,2-Trichloroethane	<0.50	ug/L	0.50	5	1		09/20/22 20:13	79-00-5	
Trichloroethene	13.6	ug/L	0.50		5	1	09/20/22 20:13	79-01-6	
Trichlorofluoromethane	<0.50	ug/L	0.50		1		09/20/22 20:13	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	0.50		1		09/20/22 20:13	96-18-4	
1,1,2-Trichlorotrifluoroethane	0.56	ug/L	0.50		1		09/20/22 20:13	76-13-1	N3
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50		1		09/20/22 20:13	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50		1		09/20/22 20:13	108-67-8	
Vinyl chloride	<0.50	ug/L	0.50		2	1	09/20/22 20:13	75-01-4	
m&p-Xylene	<0.50	ug/L	0.50		1		09/20/22 20:13	179601-23-1	
o-Xylene	<0.50	ug/L	0.50		1		09/20/22 20:13	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	90	%	70-130		1		09/20/22 20:13	2199-69-1	
4-Bromofluorobenzene (S)	87	%	70-130		1		09/20/22 20:13	460-00-4	

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ANALYTICAL RESULTS

Project: NYAW-MERRICK OPS 9/9

Pace Project No.: 70228872

Sample: WELL 4 N-09338 (INFLUENT) **Lab ID: 70228872004** Collected: 09/09/22 09:30 Received: 09/09/22 10:45 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
522 MSS 1,4 Dioxane (SIM)									
Analytical Method: EPA 522 Preparation Method: EPA 522									
Pace Analytical Services - Melville									
1,4-Dioxane (p-Dioxane)	1.9	ug/L	0.020		1	09/20/22 15:54	09/21/22 15:31	123-91-1	
Surrogates									
1,4-Dioxane-d8 (S)	108	%	70-130		1	09/20/22 15:54	09/21/22 15:31		
524.2 MSV									
Analytical Method: EPA 524.2									
Pace Analytical Services - Melville									
Benzene	<0.50	ug/L	0.50		5		09/20/22 20:39	71-43-2	
Bromobenzene	<0.50	ug/L	0.50		1		09/20/22 20:39	108-86-1	
Bromochloromethane	<0.50	ug/L	0.50		1		09/20/22 20:39	74-97-5	
Bromodichloromethane	<0.50	ug/L	0.50	80	1		09/20/22 20:39	75-27-4	
Bromoform	<0.50	ug/L	0.50	80	1		09/20/22 20:39	75-25-2	v3
Bromomethane	<0.50	ug/L	0.50		1		09/20/22 20:39	74-83-9	
n-Butylbenzene	<0.50	ug/L	0.50		1		09/20/22 20:39	104-51-8	
sec-Butylbenzene	<0.50	ug/L	0.50		1		09/20/22 20:39	135-98-8	
tert-Butylbenzene	<0.50	ug/L	0.50		1		09/20/22 20:39	98-06-6	
Carbon tetrachloride	<0.50	ug/L	0.50		5	1	09/20/22 20:39	56-23-5	
Chlorobenzene	<0.50	ug/L	0.50		100	1	09/20/22 20:39	108-90-7	
Chlorodifluoromethane	<0.50	ug/L	0.50		1		09/20/22 20:39	75-45-6	N3
Chloroethane	<0.50	ug/L	0.50		1		09/20/22 20:39	75-00-3	
Chloroform	<0.50	ug/L	0.50	80	1		09/20/22 20:39	67-66-3	
Chloromethane	<0.50	ug/L	0.50		1		09/20/22 20:39	74-87-3	
2-Chlorotoluene	<0.50	ug/L	0.50		1		09/20/22 20:39	95-49-8	
4-Chlorotoluene	<0.50	ug/L	0.50		1		09/20/22 20:39	106-43-4	
Dibromochloromethane	<0.50	ug/L	0.50	80	1		09/20/22 20:39	124-48-1	v3
Dibromomethane	<0.50	ug/L	0.50		1		09/20/22 20:39	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	0.50	600	1		09/20/22 20:39	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	0.50		1		09/20/22 20:39	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	0.50	75	1		09/20/22 20:39	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	0.50		1		09/20/22 20:39	75-71-8	L2
1,1-Dichloroethane	<0.50	ug/L	0.50		1		09/20/22 20:39	75-34-3	
1,2-Dichloroethane	<0.50	ug/L	0.50	5	1		09/20/22 20:39	107-06-2	
1,1-Dichloroethene	<0.50	ug/L	0.50	7	1		09/20/22 20:39	75-35-4	
cis-1,2-Dichloroethene	<0.50	ug/L	0.50	70	1		09/20/22 20:39	156-59-2	
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	100	1		09/20/22 20:39	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	0.50	5	1		09/20/22 20:39	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	0.50		1		09/20/22 20:39	142-28-9	
2,2-Dichloropropane	<0.50	ug/L	0.50		1		09/20/22 20:39	594-20-7	
1,1-Dichloropropene	<0.50	ug/L	0.50		1		09/20/22 20:39	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	0.50		1		09/20/22 20:39	10061-01-5	
trans-1,3-Dichloropropene	<0.50	ug/L	0.50		1		09/20/22 20:39	10061-02-6	
Ethylbenzene	<0.50	ug/L	0.50	700	1		09/20/22 20:39	100-41-4	
Hexachloro-1,3-butadiene	<0.50	ug/L	0.50		1		09/20/22 20:39	87-68-3	
Isopropylbenzene (Cumene)	<0.50	ug/L	0.50		1		09/20/22 20:39	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	0.50		1		09/20/22 20:39	99-87-6	

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ANALYTICAL RESULTS

Project: NYAW-MERRICK OPS 9/9

Pace Project No.: 70228872

Sample: WELL 4 N-09338 (INFLUENT) **Lab ID: 70228872004** Collected: 09/09/22 09:30 Received: 09/09/22 10:45 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		09/20/22 20:39	75-09-2	
Methyl-tert-butyl ether	<0.50	ug/L	0.50		1		09/20/22 20:39	1634-04-4	
n-Propylbenzene	<0.50	ug/L	0.50		1		09/20/22 20:39	103-65-1	
Styrene	<0.50	ug/L	0.50	100	1		09/20/22 20:39	100-42-5	
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50		1		09/20/22 20:39	630-20-6	
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50		1		09/20/22 20:39	79-34-5	
Tetrachloroethene	<0.50	ug/L	0.50	5	1		09/20/22 20:39	127-18-4	
Toluene	<0.50	ug/L	0.50	1000	1		09/20/22 20:39	108-88-3	
Total Trihalomethanes (Calc.)	<0.50	ug/L	0.50	80	1		09/20/22 20:39		
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50		1		09/20/22 20:39	87-61-6	
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	70	1		09/20/22 20:39	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	0.50	200	1		09/20/22 20:39	71-55-6	
1,1,2-Trichloroethane	<0.50	ug/L	0.50	5	1		09/20/22 20:39	79-00-5	
Trichloroethene	2.2	ug/L	0.50	5	1		09/20/22 20:39	79-01-6	
Trichlorofluoromethane	<0.50	ug/L	0.50		1		09/20/22 20:39	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	0.50		1		09/20/22 20:39	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.50	ug/L	0.50		1		09/20/22 20:39	76-13-1	N3
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50		1		09/20/22 20:39	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50		1		09/20/22 20:39	108-67-8	
Vinyl chloride	<0.50	ug/L	0.50	2	1		09/20/22 20:39	75-01-4	
m&p-Xylene	<0.50	ug/L	0.50		1		09/20/22 20:39	179601-23-1	
o-Xylene	<0.50	ug/L	0.50		1		09/20/22 20:39	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	93	%	70-130		1		09/20/22 20:39	2199-69-1	
4-Bromofluorobenzene (S)	87	%	70-130		1		09/20/22 20:39	460-00-4	

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QUALITY CONTROL DATA

Project: NYAW-MERRICK OPS 9/9
Pace Project No.: 70228872

QC Batch: 274351 Analysis Method: EPA 524.2
QC Batch Method: EPA 524.2 Analysis Description: 524.2 MSV
Laboratory: Pace Analytical Services - Melville
Associated Lab Samples: 70228872001, 70228872002, 70228872003, 70228872004

METHOD BLANK: 1385632 Matrix: Water
Associated Lab Samples: 70228872001, 70228872002, 70228872003, 70228872004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.50	0.50	09/20/22 17:03	
1,1,1-Trichloroethane	ug/L	<0.50	0.50	09/20/22 17:03	
1,1,2,2-Tetrachloroethane	ug/L	<0.50	0.50	09/20/22 17:03	
1,1,2-Trichloroethane	ug/L	<0.50	0.50	09/20/22 17:03	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.50	0.50	09/20/22 17:03	N3
1,1-Dichloroethane	ug/L	<0.50	0.50	09/20/22 17:03	
1,1-Dichloroethene	ug/L	<0.50	0.50	09/20/22 17:03	
1,1-Dichloropropene	ug/L	<0.50	0.50	09/20/22 17:03	
1,2,3-Trichlorobenzene	ug/L	<0.50	0.50	09/20/22 17:03	
1,2,3-Trichloropropane	ug/L	<0.50	0.50	09/20/22 17:03	
1,2,4-Trichlorobenzene	ug/L	<0.50	0.50	09/20/22 17:03	
1,2,4-Trimethylbenzene	ug/L	<0.50	0.50	09/20/22 17:03	
1,2-Dichlorobenzene	ug/L	<0.50	0.50	09/20/22 17:03	
1,2-Dichloroethane	ug/L	<0.50	0.50	09/20/22 17:03	
1,2-Dichloropropane	ug/L	<0.50	0.50	09/20/22 17:03	
1,3,5-Trimethylbenzene	ug/L	<0.50	0.50	09/20/22 17:03	
1,3-Dichlorobenzene	ug/L	<0.50	0.50	09/20/22 17:03	
1,3-Dichloropropane	ug/L	<0.50	0.50	09/20/22 17:03	
1,4-Dichlorobenzene	ug/L	<0.50	0.50	09/20/22 17:03	
2,2-Dichloropropane	ug/L	<0.50	0.50	09/20/22 17:03	
2-Chlorotoluene	ug/L	<0.50	0.50	09/20/22 17:03	
4-Chlorotoluene	ug/L	<0.50	0.50	09/20/22 17:03	
Benzene	ug/L	<0.50	0.50	09/20/22 17:03	
Bromobenzene	ug/L	<0.50	0.50	09/20/22 17:03	
Bromochloromethane	ug/L	<0.50	0.50	09/20/22 17:03	
Bromodichloromethane	ug/L	<0.50	0.50	09/20/22 17:03	
Bromoform	ug/L	<0.50	0.50	09/20/22 17:03	v3
Bromomethane	ug/L	<0.50	0.50	09/20/22 17:03	
Carbon tetrachloride	ug/L	<0.50	0.50	09/20/22 17:03	
Chlorobenzene	ug/L	<0.50	0.50	09/20/22 17:03	
Chlorodifluoromethane	ug/L	<0.50	0.50	09/20/22 17:03	N3
Chloroethane	ug/L	<0.50	0.50	09/20/22 17:03	
Chloroform	ug/L	<0.50	0.50	09/20/22 17:03	
Chloromethane	ug/L	<0.50	0.50	09/20/22 17:03	
cis-1,2-Dichloroethene	ug/L	<0.50	0.50	09/20/22 17:03	
cis-1,3-Dichloropropene	ug/L	<0.50	0.50	09/20/22 17:03	
Dibromochloromethane	ug/L	<0.50	0.50	09/20/22 17:03	v3
Dibromomethane	ug/L	<0.50	0.50	09/20/22 17:03	
Dichlorodifluoromethane	ug/L	<0.50	0.50	09/20/22 17:03	
Ethylbenzene	ug/L	<0.50	0.50	09/20/22 17:03	

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 9/9

Pace Project No.: 70228872

METHOD BLANK: 1385632

Matrix: Water

Associated Lab Samples: 70228872001, 70228872002, 70228872003, 70228872004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<0.50	0.50	09/20/22 17:03	
Isopropylbenzene (Cumene)	ug/L	<0.50	0.50	09/20/22 17:03	
m&p-Xylene	ug/L	<0.50	0.50	09/20/22 17:03	
Methyl-tert-butyl ether	ug/L	<0.50	0.50	09/20/22 17:03	
Methylene Chloride	ug/L	<0.50	0.50	09/20/22 17:03	
n-Butylbenzene	ug/L	<0.50	0.50	09/20/22 17:03	
n-Propylbenzene	ug/L	<0.50	0.50	09/20/22 17:03	
o-Xylene	ug/L	<0.50	0.50	09/20/22 17:03	
p-Isopropyltoluene	ug/L	<0.50	0.50	09/20/22 17:03	
sec-Butylbenzene	ug/L	<0.50	0.50	09/20/22 17:03	
Styrene	ug/L	<0.50	0.50	09/20/22 17:03	
tert-Butylbenzene	ug/L	<0.50	0.50	09/20/22 17:03	
Tetrachloroethene	ug/L	<0.50	0.50	09/20/22 17:03	
Toluene	ug/L	<0.50	0.50	09/20/22 17:03	
Total Trihalomethanes (Calc.)	ug/L	<0.50	0.50	09/20/22 17:03	
trans-1,2-Dichloroethene	ug/L	<0.50	0.50	09/20/22 17:03	
trans-1,3-Dichloropropene	ug/L	<0.50	0.50	09/20/22 17:03	
Trichloroethene	ug/L	<0.50	0.50	09/20/22 17:03	
Trichlorofluoromethane	ug/L	<0.50	0.50	09/20/22 17:03	
Vinyl chloride	ug/L	<0.50	0.50	09/20/22 17:03	
1,2-Dichlorobenzene-d4 (S)	%	91	70-130	09/20/22 17:03	
4-Bromofluorobenzene (S)	%	85	70-130	09/20/22 17:03	

LABORATORY CONTROL SAMPLE: 1385633

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	10	8.6	86	70-130	
1,1,1-Trichloroethane	ug/L	10	9.0	90	70-130	
1,1,2,2-Tetrachloroethane	ug/L	10	8.5	85	70-130	
1,1,2-Trichloroethane	ug/L	10	10.0	100	70-130	
1,1,2-Trichlorotrifluoroethane	ug/L	10	12.9	129	70-130	N3
1,1-Dichloroethane	ug/L	10	9.2	92	70-130	
1,1-Dichloroethene	ug/L	10	10.4	104	70-130	
1,1-Dichloropropene	ug/L	10	9.6	96	70-130	
1,2,3-Trichlorobenzene	ug/L	10	11.1	111	70-130	
1,2,3-Trichloropropane	ug/L	10	8.9	89	70-130	
1,2,4-Trichlorobenzene	ug/L	10	11.0	110	70-130	
1,2,4-Trimethylbenzene	ug/L	10	10.4	104	70-130	
1,2-Dichlorobenzene	ug/L	10	10.9	109	70-130	
1,2-Dichloroethane	ug/L	10	8.8	88	70-130	
1,2-Dichloropropane	ug/L	10	8.8	88	70-130	
1,3,5-Trimethylbenzene	ug/L	10	10.0	100	70-130	
1,3-Dichlorobenzene	ug/L	10	10.8	108	70-130	
1,3-Dichloropropane	ug/L	10	9.7	97	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: NYAW-MERRICK OPS 9/9

Pace Project No.: 70228872

LABORATORY CONTROL SAMPLE: 1385633

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	10	10.8	108	70-130	
2,2-Dichloropropane	ug/L	10	8.6	86	70-130	
2-Chlorotoluene	ug/L	10	9.9	99	70-130	
4-Chlorotoluene	ug/L	10	10.4	104	70-130	
Benzene	ug/L	10	9.5	95	70-130	
Bromobenzene	ug/L	10	10.6	106	70-130	
Bromochloromethane	ug/L	10	10	100	70-130	
Bromodichloromethane	ug/L	10	7.4	74	70-130	
Bromoform	ug/L	10	7.2	72	70-130 v3	
Bromomethane	ug/L	10	12.2	122	70-130	
Carbon tetrachloride	ug/L	10	8.3	83	70-130	
Chlorobenzene	ug/L	10	10.1	101	70-130	
Chlorodifluoromethane	ug/L	10	9.9	99	70-130 N3	
Chloroethane	ug/L	10	11.3	113	70-130	
Chloroform	ug/L	10	9.2	92	70-130	
Chloromethane	ug/L	10	8.3	83	70-130	
cis-1,2-Dichloroethene	ug/L	10	9.9	99	70-130	
cis-1,3-Dichloropropene	ug/L	10	8.4	84	70-130	
Dibromochloromethane	ug/L	10	7.2	72	70-130 v3	
Dibromomethane	ug/L	10	9.4	94	70-130	
Dichlorodifluoromethane	ug/L	10	5.9	59	70-130 L2	
Ethylbenzene	ug/L	10	10.4	104	70-130	
Hexachloro-1,3-butadiene	ug/L	10	12.6	126	70-130	
Isopropylbenzene (Cumene)	ug/L	10	10.1	101	70-130	
m&p-Xylene	ug/L	20	20.4	102	70-130	
Methyl-tert-butyl ether	ug/L	10	8.9	89	70-130	
Methylene Chloride	ug/L	10	10.7	107	70-130	
n-Butylbenzene	ug/L	10	11.2	112	70-130	
n-Propylbenzene	ug/L	10	10.3	103	70-130	
o-Xylene	ug/L	10	10.1	101	70-130	
p-Isopropyltoluene	ug/L	10	10.4	104	70-130	
sec-Butylbenzene	ug/L	10	10.2	102	70-130	
Styrene	ug/L	10	9.6	96	70-130	
tert-Butylbenzene	ug/L	10	10.5	105	70-130	
Tetrachloroethene	ug/L	10	11.4	114	70-130	
Toluene	ug/L	10	9.9	99	70-130	
Total Trihalomethanes (Calc.)	ug/L		31.0			
trans-1,2-Dichloroethene	ug/L	10	9.5	95	70-130	
trans-1,3-Dichloropropene	ug/L	10	7.9	79	70-130	
Trichloroethene	ug/L	10	10.4	104	70-130	
Trichlorofluoromethane	ug/L	10	10.2	102	70-130	
Vinyl chloride	ug/L	10	9.2	92	70-130	
1,2-Dichlorobenzene-d4 (S)	%			107	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: NYAW-MERRICK OPS 9/9

Pace Project No.: 70228872

SAMPLE DUPLICATE: 1385971

Parameter	Units	70228709006 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.50	<0.50		20	
1,1,1-Trichloroethane	ug/L	<0.50	<0.50		20	
1,1,2,2-Tetrachloroethane	ug/L	<0.50	<0.50		20	
1,1,2-Trichloroethane	ug/L	<0.50	<0.50		20	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.50	<0.50		20	N3
1,1-Dichloroethane	ug/L	2.5	2.6	8	20	
1,1-Dichloroethene	ug/L	1.7	1.7	1	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	v3
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	0.70	0.75	7	20	
Chloromethane	ug/L	<0.50	<0.50		20	
cis-1,2-Dichloroethene	ug/L	1.9	2.0	4	20	
cis-1,3-Dichloropropene	ug/L	<0.50	<0.50		20	
Dibromochloromethane	ug/L	<0.50	<0.50		20	v3
Dibromomethane	ug/L	<0.50	<0.50		20	
Dichlorodifluoromethane	ug/L	<0.50	<0.50		20	
Ethylbenzene	ug/L	<0.50	<0.50		20	
Hexachloro-1,3-butadiene	ug/L	<0.50	<0.50		20	
Isopropylbenzene (Cumene)	ug/L	<0.50	<0.50		20	
m&p-Xylene	ug/L	<0.50	<0.50		20	
Methyl-tert-butyl ether	ug/L	<0.50	<0.50		20	
Methylene Chloride	ug/L	<0.50	<0.50		20	
n-Butylbenzene	ug/L	<0.50	<0.50		20	
n-Propylbenzene	ug/L	<0.50	<0.50		20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: NYAW-MERRICK OPS 9/9

Pace Project No.: 70228872

SAMPLE DUPLICATE: 1385971

Parameter	Units	70228709006 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	42.9	44.9	5	20	
Toluene	ug/L	<0.50	<0.50		20	
Total Trihalomethanes (Calc.)	ug/L	0.70	0.75	7	20	
trans-1,2-Dichloroethene	ug/L	<0.50	<0.50		20	
trans-1,3-Dichloropropene	ug/L	<0.50	<0.50		20	
Trichloroethene	ug/L	1.7	1.7	2	20	
Trichlorofluoromethane	ug/L	<0.50	<0.50		20	
Vinyl chloride	ug/L	<0.50	<0.50		20	
1,2-Dichlorobenzene-d4 (S)	%	91	95		20	
4-Bromofluorobenzene (S)	%	89	90		20	

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QUALITY CONTROL DATA

Project: NYAW-MERRICK OPS 9/9

Pace Project No.: 70228872

QC Batch:	274229	Analysis Method:	EPA 522
QC Batch Method:	EPA 522	Analysis Description:	522 MSS 1,4 Dioxane
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70228872001, 70228872003, 70228872004

METHOD BLANK: 1385065 Matrix: Drinking Water

Associated Lab Samples: 70228872001, 70228872003, 70228872004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	<0.020	0.020	09/20/22 18:58	
1,4-Dioxane-d8 (S)	%	104	70-130	09/20/22 18:58	

LABORATORY CONTROL SAMPLE: 1385066

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	4	4.2	106	70-130	E
1,4-Dioxane-d8 (S)	%			104	70-130	

MATRIX SPIKE SAMPLE: 1385067

Parameter	Units	70228347001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	0.15	4	4.6	110	70-130	E
1,4-Dioxane-d8 (S)	%				107	70-130	

SAMPLE DUPLICATE: 1385068

Parameter	Units	70228347002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	0.16	0.17	1	30	
1,4-Dioxane-d8 (S)	%	109	110		30	

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QUALIFIERS

Project: NYAW-MERRICK OPS 9/9

Pace Project No.: 70228872

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.

L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.

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

√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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: NYAW-MERRICK OPS 9/9

Pace Project No.: 70228872

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70228872001	GAC-3S/4S (SEAMAN NECK GAC EFF	EPA 522	274229	EPA 522	274344
70228872003	WELL 3A N-14347	EPA 522	274229	EPA 522	274344
70228872004	WELL 4 N-09338 (INFLUENT)	EPA 522	274229	EPA 522	274344
70228872001	GAC-3S/4S (SEAMAN NECK GAC EFF	EPA 524.2	274351		
70228872002	GAC-3S/4S (SEAMAN NECK GAC) D	EPA 524.2	274351		
70228872003	WELL 3A N-14347	EPA 524.2	274351		
70228872004	WELL 4 N-09338 (INFLUENT)	EPA 524.2	274351		

REPORT OF LABORATORY ANALYSIS

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Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: KOMAN Government Solutions, LLC		Report To: Stephane Roy		Attention: Accounts Payable	
Address: 180 Gordon Dr., Suite 110 Exton, PA		Copy To: NCDOH		Company Name: KOMAN Government Solutions, LLC	
Email To: sroy@komangs.com		Purchase Order No.:		Address: accountspayable@komangs.com	
Phone: 610-400-0622 Fax:		Project Name: NYAW-MERRICK OPS FACILITY		Pace Quote Reference: 00016758	
Requested Due Date/TAT:		Project Number: 02607-004		Pace Project Manager: Stuart Murrell	
				Pace Profile #:	
				REGULATORY AGENCY	
				<input type="checkbox"/> NPDES <input checked="" type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER	
				Site Location	
				STATE: NY	

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test ↓	POC (VOCs by 524.2) 1,4-dioxane (522)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
					COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other				
					DATE	TIME	DATE	TIME														
1	GAC-3S/4S (Seaman Neck GAC Effluent)	DW	G			9-9-22	10:00		1			X						X		MS/MSD		
2	GAC-3S/4S (Seaman Neck GAC Effluent)-D	DW	G			9-9-22	10:15		2			X						X				
3	Well 3A N-14347 (Influent)	DW	G			9-9-22	9:45		4				X					X	X			
4	Well 4 N-09338 (Influent)	DW	G			9-9-22	9:30		4				X					X	X			
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
MS/MSD collected at GAC-3S/4S (Seaman Neck GAC Effluent)	<i>Randy Hoffmaster</i>	9-9-22		<i>ASH (Pace)</i>	9/9/22	12:00 P.M.	

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Randy Hoffmaster	SIGNATURE of SAMPLER: <i>Randy Hoffmaster</i>				
DATE Signed (MM/DD/YY): 9-9-2022					



Sample Condition Upon Receipt

Client Name: KGS

Project

WO#: 70228872

PM: KMM

Due Date: 09/20/22

CLIENT: KGS

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: _____

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

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Thermometer Used: ~~TH091~~ TH148 Correction Factor: + 0.1

Cooler Temperature(°C): 1.8 Cooler Temperature Corrected(°C): 1.9

Temp should be above freezing to 6.0°C

USDA Regulated Soil N/A, water sample

Date and Initials of person examining contents: KW 9/1/22

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

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

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

		COMMENTS:	
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.	
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.	
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.	
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.	
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.	
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.	
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.	
Sufficient Volume: (Triple volume provided for)	<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 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: [†]
Samples checked for dechlorination: KI starch test strips Lot #	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Date/Time preservative added:	
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. Positive for Sulfide? Y N	
Lead Acetate Strips Lot #			
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: _____

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

September 29, 2022

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

RE: Project: NYAW - MERRICKS OPS BACT 9/26
Pace Project No.: 70230880

Dear Robert Gregory:

Enclosed are the analytical results for sample(s) received by the laboratory on September 26, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Melville

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

Sincerely,



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

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

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 - MERRICKS OPS BACT 9/26
Pace Project No.: 70230880

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70230880001	GAC-3S/4S-VESSEL#200-0	Drinking Water	09/26/22 09:45	09/26/22 11:20
70230880002	GAC-3S/4S-VESSEL#200-2	Drinking Water	09/26/22 09:47	09/26/22 11:20
70230880003	GAC-3S/4S-VESSEL#200-5	Drinking Water	09/26/22 09:50	09/26/22 11:20
70230880004	GAC-3S/4S-VESSEL#200-10	Drinking Water	09/26/22 09:55	09/26/22 11:20
70230880005	GAC-3S/4S-VESSEL#200-30	Drinking Water	09/26/22 10:15	09/26/22 11:20
70230880006	GAC-3S/4S-VESSEL#100-0	Drinking Water	09/26/22 09:10	09/26/22 11:20
70230880007	GAC-3S/4S-VESSEL#100-2	Drinking Water	09/26/22 09:12	09/26/22 11:20
70230880008	GAC-3S/4S-VESSEL#100-5	Drinking Water	09/26/22 09:15	09/26/22 11:20
70230880009	GAC-3S/4S-VESSEL#100-10	Drinking Water	09/26/22 09:20	09/26/22 11:20
70230880010	GAC-3S/4S-VESSEL#100-30	Drinking Water	09/26/22 09:40	09/26/22 11:20
70230880011	N-14347(SEAMAN NECK 3 WELL)-0	Drinking Water	09/26/22 10:10	09/26/22 11:20
70230880012	N-14347(SEAMAN NECK 3 WELL)-2	Drinking Water	09/26/22 10:12	09/26/22 11:20
70230880013	N-14347(SEAMAN NECK 3 WELL)-5	Drinking Water	09/26/22 10:17	09/26/22 11:20
70230880014	N-14347(SEAMAN NECK 3 WELL)-10	Drinking Water	09/26/22 10:20	09/26/22 11:20
70230880015	N-14347(SEAMAN NECK 3 WELL)-30	Drinking Water	09/26/22 10:40	09/26/22 11:20
70230880016	N-14347(SEAMAN NECK 3WELL)-30D	Drinking Water	09/26/22 10:42	09/26/22 11:20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: NYAW - MERRICKS OPS BACT 9/26
Pace Project No.: 70230880

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70230880001	GAC-3S/4S-VESSEL#200-0	SM22 9223B Colilert	SDO	2
70230880002	GAC-3S/4S-VESSEL#200-2	SM22 9223B Colilert	SDO	2
70230880003	GAC-3S/4S-VESSEL#200-5	SM22 9223B Colilert	SDO	2
70230880004	GAC-3S/4S-VESSEL#200-10	SM22 9223B Colilert	SDO	2
70230880005	GAC-3S/4S-VESSEL#200-30	SM22 9223B Colilert	SDO	2
70230880006	GAC-3S/4S-VESSEL#100-0	SM22 9223B Colilert	SDO	2
70230880007	GAC-3S/4S-VESSEL#100-2	SM22 9223B Colilert	SDO	2
70230880008	GAC-3S/4S-VESSEL#100-5	SM22 9223B Colilert	SDO	2
70230880009	GAC-3S/4S-VESSEL#100-10	SM22 9223B Colilert	SDO	2
70230880010	GAC-3S/4S-VESSEL#100-30	SM22 9223B Colilert	SDO	2
70230880011	N-14347(SEAMAN NECK 3 WELL)-0	SM22 9223B Colilert	SDO	2
70230880012	N-14347(SEAMAN NECK 3 WELL)-2	SM22 9223B Colilert	SDO	2
70230880013	N-14347(SEAMAN NECK 3 WELL)-5	SM22 9223B Colilert	SDO	2
70230880014	N-14347(SEAMAN NECK 3 WELL)-10	SM22 9223B Colilert	SDO	2
70230880015	N-14347(SEAMAN NECK 3 WELL)-30	SM22 9223B Colilert	SDO	2
70230880016	N-14347(SEAMAN NECK 3WELL)-30D	SM22 9223B Colilert	SDO	2

PACE-MV = Pace Analytical Services - Melville

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: GAC-3S/4S-VESSEL#200-0 **Lab ID: 70230880001** Collected: 09/26/22 09:45 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: GAC-3S/4S-VESSEL#200-2 Lab ID: 70230880002 Collected: 09/26/22 09:47 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: GAC-3S/4S-VESSEL#200-5 Lab ID: 70230880003 Collected: 09/26/22 09:50 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: GAC-3S/4S-VESSEL#200-10 **Lab ID:** 70230880004 Collected: 09/26/22 09:55 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: GAC-3S/4S-VESSEL#200-30 **Lab ID:** 70230880005 Collected: 09/26/22 10:15 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: GAC-3S/4S-VESSEL#100-0 **Lab ID: 70230880006** Collected: 09/26/22 09:10 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: GAC-3S/4S-VESSEL#100-2 **Lab ID: 70230880007** Collected: 09/26/22 09:12 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: GAC-3S/4S-VESSEL#100-5 **Lab ID: 70230880008** Collected: 09/26/22 09:15 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: GAC-3S/4S-VESSEL#100-10 **Lab ID:** 70230880009 Collected: 09/26/22 09:20 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: GAC-3S/4S-VESSEL#100-30 **Lab ID:** 70230880010 Collected: 09/26/22 09:40 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: N-14347(SEAMAN NECK 3 WELL)-0 **Lab ID:** 70230880011 Collected: 09/26/22 10:10 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: N-14347(SEAMAN NECK 3 WELL)-2 **Lab ID:** 70230880012 Collected: 09/26/22 10:12 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: N-14347(SEAMAN NECK 3 WELL)-5 **Lab ID:** 70230880013 Collected: 09/26/22 10:17 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: N-14347(SEAMAN NECK 3 WELL)-10 **Lab ID: 70230880014** Collected: 09/26/22 10:20 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: N-14347(SEAMAN NECK 3 WELL)-30 **Lab ID:** 70230880015 Collected: 09/26/22 10:40 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: N-14347(SEAMAN NECK 3WELL)-30D **Lab ID:** 70230880016 Collected: 09/26/22 10:42 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: NYAW - MERRICKS OPS BACT 9/26
Pace Project No.: 70230880

QC Batch: 275270	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: 70230880001, 70230880002, 70230880003, 70230880004, 70230880005, 70230880006, 70230880007, 70230880008, 70230880009, 70230880010, 70230880011, 70230880012, 70230880013, 70230880014, 70230880015, 70230880016

METHOD BLANK: 1391076 Matrix: Drinking Water

Associated Lab Samples: 70230880001, 70230880002, 70230880003, 70230880004, 70230880005, 70230880006, 70230880007, 70230880008, 70230880009, 70230880010, 70230880011, 70230880012, 70230880013, 70230880014, 70230880015, 70230880016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
E.coli		Absent		09/27/22 11:38	
Total Coliforms		Absent		09/27/22 11:38	

SAMPLE DUPLICATE: 1391077

Parameter	Units	70230942002 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 - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

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 - MERRICKS OPS BACT 9/26
Pace Project No.: 70230880

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70230880001	GAC-3S/4S-VESSEL#200-0	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620
70230880002	GAC-3S/4S-VESSEL#200-2	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620
70230880003	GAC-3S/4S-VESSEL#200-5	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620
70230880004	GAC-3S/4S-VESSEL#200-10	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620
70230880005	GAC-3S/4S-VESSEL#200-30	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620
70230880006	GAC-3S/4S-VESSEL#100-0	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620
70230880007	GAC-3S/4S-VESSEL#100-2	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620
70230880008	GAC-3S/4S-VESSEL#100-5	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620
70230880009	GAC-3S/4S-VESSEL#100-10	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620
70230880010	GAC-3S/4S-VESSEL#100-30	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620
70230880011	N-14347(SEAMAN NECK 3 WELL)-0	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620
70230880012	N-14347(SEAMAN NECK 3 WELL)-2	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620
70230880013	N-14347(SEAMAN NECK 3 WELL)-5	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620
70230880014	N-14347(SEAMAN NECK 3 WELL)-10	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620
70230880015	N-14347(SEAMAN NECK 3 WELL)-30	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620
70230880016	N-14347(SEAMAN NECK 3WELL)-30D	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620

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WO#: 70230880



70230880

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A

Section B

Section C

Page: 1 Of 3

Required Client Information:

Required Project Information:

Invoice Information:

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

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=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Y/N	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)														
				DATE	TIME	DATE	TIME			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other		Analyses Test	Colilert (Fecal/Ecolit)	Colilert (Fecal/Ecolit)	Colilert (Fecal/Ecolit)	Colilert (Fecal/Ecolit)	Colilert (Fecal/Ecolit)	Colilert (Fecal/Ecolit)	Colilert (Fecal/Ecolit)	Colilert (Fecal/Ecolit)	Colilert (Fecal/Ecolit)		Colilert (Fecal/Ecolit)	Colilert (Fecal/Ecolit)												
1	GAC-3S/4S-Vessel#200-0	DW	G			9/26/22	9:45	1	X									X																									
2	GAC-3S/4S-Vessel#200-2	DW	G			9/26/22	9:47	1	X									X																									
3	GAC-3S/4S-Vessel#200-5	DW	G			9/26/22	9:50	1	X									X																									
4	GAC-3S/4S-Vessel#200-10	DW	G			9/26/22	9:56	1	X									X																									
5	GAC-3S/4S-Vessel#200-30	DW	G			9/26/22	10:15	1	X									X																									
6																																											
7																																											
8																																											
9																																											
10																																											
11																																											
12																																											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
		9/26/22			9/26/22	11:20	0.8 W

Page 24 of 28

SAMPLER NAME AND SIGNATURE	TEMP in C	Received on	Sealed	Cooled	Samples Intact
PRINT Name of SAMPLER: Randy Hoffmaster SIGNATURE of SAMPLER:					
DATE Signed: 9/26/22					



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

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 / , -) □ Sample IDs must be unique	MATRIX CODE (see valid codes to left)		COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Y/N	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)									
		MATRIX CODE	CODED	DATE	TIME	DATE	TIME			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other		Analyses Test																			
		DRINKING WATER □	DW □																																			
1	GAC-3S/4S-Vessel#100-0	DW	G			9/26/22	9:10	1	X									X																				
2	GAC-3S/4S-Vessel#100-2	DW	G			9/26/22	9:12	1	X									X																				
3	GAC-3S/4S-Vessel#100-5	DW	G			9/26/22	9:15	1	X									X																				
4	GAC-3S/4S-Vessel#100-10	DW	G			9/26/22	9:20	1	X									X																				
5	GAC-3S/4S-Vessel#100-30	DW	G			9/26/22	9:40	1	X									X																				
6																																						
7																																						
8																																						
9																																						
10																																						
11																																						
12																																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Randy Hoffmaster	9/26/22		[Signature]	9/26/22	11:22	0.8 ✓

SAMPLER NAME AND SIGNATURE		TEMP IN C	Received on file □ (Y/N)	Custody Sealed □ (Y/N)	Cooler □ (Y/N)	Samples Intact □ (Y/N)
PRINT Name of SAMPLER: Randy Hoffmaster						
SIGNATURE of SAMPLER: [Signature]	DATE Signed: 9/26/22					



Sample Condition Upon Receipt

WO#: 70230880

Client Name:

Project:

PM: KMM

Due Date: 10/03/22

KGS

CLIENT: KGS

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: _____

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

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Thermometer Used: ~~TH091~~ TH148 Correction Factor: + 0.1

Cooler Temperature (°C): 0.8 Cooler Temperature Corrected (°C): 0.9

Temp should be above freezing to 6.0°C

USDA Regulated Soil (N/A, water sample)

Date and Initials of person examining contents: A. S 9/26

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

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

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

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

September 29, 2022

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

RE: Project: NYAW - MERRICKS OPS BACT 9/26
Pace Project No.: 70230880

Dear Robert Gregory:

Enclosed are the analytical results for sample(s) received by the laboratory on September 26, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Melville

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

Sincerely,



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

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

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 - MERRICKS OPS BACT 9/26
Pace Project No.: 70230880

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70230880001	GAC-3S/4S-VESSEL#200-0	Drinking Water	09/26/22 09:45	09/26/22 11:20
70230880002	GAC-3S/4S-VESSEL#200-2	Drinking Water	09/26/22 09:47	09/26/22 11:20
70230880003	GAC-3S/4S-VESSEL#200-5	Drinking Water	09/26/22 09:50	09/26/22 11:20
70230880004	GAC-3S/4S-VESSEL#200-10	Drinking Water	09/26/22 09:55	09/26/22 11:20
70230880005	GAC-3S/4S-VESSEL#200-30	Drinking Water	09/26/22 10:15	09/26/22 11:20
70230880006	GAC-3S/4S-VESSEL#100-0	Drinking Water	09/26/22 09:10	09/26/22 11:20
70230880007	GAC-3S/4S-VESSEL#100-2	Drinking Water	09/26/22 09:12	09/26/22 11:20
70230880008	GAC-3S/4S-VESSEL#100-5	Drinking Water	09/26/22 09:15	09/26/22 11:20
70230880009	GAC-3S/4S-VESSEL#100-10	Drinking Water	09/26/22 09:20	09/26/22 11:20
70230880010	GAC-3S/4S-VESSEL#100-30	Drinking Water	09/26/22 09:40	09/26/22 11:20
70230880011	N-14347(SEAMAN NECK 3 WELL)-0	Drinking Water	09/26/22 10:10	09/26/22 11:20
70230880012	N-14347(SEAMAN NECK 3 WELL)-2	Drinking Water	09/26/22 10:12	09/26/22 11:20
70230880013	N-14347(SEAMAN NECK 3 WELL)-5	Drinking Water	09/26/22 10:17	09/26/22 11:20
70230880014	N-14347(SEAMAN NECK 3 WELL)-10	Drinking Water	09/26/22 10:20	09/26/22 11:20
70230880015	N-14347(SEAMAN NECK 3 WELL)-30	Drinking Water	09/26/22 10:40	09/26/22 11:20
70230880016	N-14347(SEAMAN NECK 3WELL)-30D	Drinking Water	09/26/22 10:42	09/26/22 11:20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: NYAW - MERRICKS OPS BACT 9/26
Pace Project No.: 70230880

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70230880001	GAC-3S/4S-VESSEL#200-0	SM22 9223B Colilert	SDO	2
70230880002	GAC-3S/4S-VESSEL#200-2	SM22 9223B Colilert	SDO	2
70230880003	GAC-3S/4S-VESSEL#200-5	SM22 9223B Colilert	SDO	2
70230880004	GAC-3S/4S-VESSEL#200-10	SM22 9223B Colilert	SDO	2
70230880005	GAC-3S/4S-VESSEL#200-30	SM22 9223B Colilert	SDO	2
70230880006	GAC-3S/4S-VESSEL#100-0	SM22 9223B Colilert	SDO	2
70230880007	GAC-3S/4S-VESSEL#100-2	SM22 9223B Colilert	SDO	2
70230880008	GAC-3S/4S-VESSEL#100-5	SM22 9223B Colilert	SDO	2
70230880009	GAC-3S/4S-VESSEL#100-10	SM22 9223B Colilert	SDO	2
70230880010	GAC-3S/4S-VESSEL#100-30	SM22 9223B Colilert	SDO	2
70230880011	N-14347(SEAMAN NECK 3 WELL)-0	SM22 9223B Colilert	SDO	2
70230880012	N-14347(SEAMAN NECK 3 WELL)-2	SM22 9223B Colilert	SDO	2
70230880013	N-14347(SEAMAN NECK 3 WELL)-5	SM22 9223B Colilert	SDO	2
70230880014	N-14347(SEAMAN NECK 3 WELL)-10	SM22 9223B Colilert	SDO	2
70230880015	N-14347(SEAMAN NECK 3 WELL)-30	SM22 9223B Colilert	SDO	2
70230880016	N-14347(SEAMAN NECK 3WELL)-30D	SM22 9223B Colilert	SDO	2

PACE-MV = Pace Analytical Services - Melville

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: GAC-3S/4S-VESSEL#200-0 **Lab ID: 70230880001** Collected: 09/26/22 09:45 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: GAC-3S/4S-VESSEL#200-2 Lab ID: 70230880002 Collected: 09/26/22 09:47 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: GAC-3S/4S-VESSEL#200-5 **Lab ID: 70230880003** Collected: 09/26/22 09:50 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: GAC-3S/4S-VESSEL#200-10 **Lab ID:** 70230880004 Collected: 09/26/22 09:55 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: GAC-3S/4S-VESSEL#200-30 **Lab ID:** 70230880005 Collected: 09/26/22 10:15 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: GAC-3S/4S-VESSEL#100-0 **Lab ID: 70230880006** Collected: 09/26/22 09:10 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: GAC-3S/4S-VESSEL#100-2 Lab ID: 70230880007 Collected: 09/26/22 09:12 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: GAC-3S/4S-VESSEL#100-5 **Lab ID: 70230880008** Collected: 09/26/22 09:15 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: GAC-3S/4S-VESSEL#100-10 **Lab ID:** 70230880009 Collected: 09/26/22 09:20 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: GAC-3S/4S-VESSEL#100-30 **Lab ID:** 70230880010 Collected: 09/26/22 09:40 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: N-14347(SEAMAN NECK 3 WELL)-0 **Lab ID:** 70230880011 Collected: 09/26/22 10:10 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: N-14347(SEAMAN NECK 3 WELL)-2 **Lab ID: 70230880012** Collected: 09/26/22 10:12 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: N-14347(SEAMAN NECK 3 WELL)-5 **Lab ID: 70230880013** Collected: 09/26/22 10:17 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: N-14347(SEAMAN NECK 3 WELL)-10 **Lab ID: 70230880014** Collected: 09/26/22 10:20 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: N-14347(SEAMAN NECK 3 WELL)-30 **Lab ID: 70230880015** Collected: 09/26/22 10:40 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: NYAW - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

Sample: N-14347(SEAMAN NECK 3WELL)-30D **Lab ID: 70230880016** Collected: 09/26/22 10:42 Received: 09/26/22 11:20 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	09/26/22 17:38	09/27/22 11:38		
E.coli	Absent				1	09/26/22 17:38	09/27/22 11:38		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: NYAW - MERRICKS OPS BACT 9/26
Pace Project No.: 70230880

QC Batch:	275270	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: 70230880001, 70230880002, 70230880003, 70230880004, 70230880005, 70230880006, 70230880007, 70230880008, 70230880009, 70230880010, 70230880011, 70230880012, 70230880013, 70230880014, 70230880015, 70230880016

METHOD BLANK: 1391076 Matrix: Drinking Water

Associated Lab Samples: 70230880001, 70230880002, 70230880003, 70230880004, 70230880005, 70230880006, 70230880007, 70230880008, 70230880009, 70230880010, 70230880011, 70230880012, 70230880013, 70230880014, 70230880015, 70230880016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
E.coli		Absent		09/27/22 11:38	
Total Coliforms		Absent		09/27/22 11:38	

SAMPLE DUPLICATE: 1391077

Parameter	Units	70230942002 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 - MERRICKS OPS BACT 9/26

Pace Project No.: 70230880

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 - MERRICKS OPS BACT 9/26
Pace Project No.: 70230880

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70230880001	GAC-3S/4S-VESSEL#200-0	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620
70230880002	GAC-3S/4S-VESSEL#200-2	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620
70230880003	GAC-3S/4S-VESSEL#200-5	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620
70230880004	GAC-3S/4S-VESSEL#200-10	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620
70230880005	GAC-3S/4S-VESSEL#200-30	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620
70230880006	GAC-3S/4S-VESSEL#100-0	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620
70230880007	GAC-3S/4S-VESSEL#100-2	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620
70230880008	GAC-3S/4S-VESSEL#100-5	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620
70230880009	GAC-3S/4S-VESSEL#100-10	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620
70230880010	GAC-3S/4S-VESSEL#100-30	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620
70230880011	N-14347(SEAMAN NECK 3 WELL)-0	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620
70230880012	N-14347(SEAMAN NECK 3 WELL)-2	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620
70230880013	N-14347(SEAMAN NECK 3 WELL)-5	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620
70230880014	N-14347(SEAMAN NECK 3 WELL)-10	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620
70230880015	N-14347(SEAMAN NECK 3 WELL)-30	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620
70230880016	N-14347(SEAMAN NECK 3WELL)-30D	SM22 9223B Colilert	275270	SM22 9223B Colilert	275620

REPORT OF LABORATORY ANALYSIS

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WO# : 70230880



70230880

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page : 1 Of 3

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: R.Gregory@komang.com	Phone: (610) 400-0636	Report To: Robert Gregory	Copy To: NCDH
Purchase Order #: 02607-204		Project Name: NYAW-MERRICK OPS FACILITY		Project #: 02607-204	
Requested Due Date:				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 (see valid codes to left)	SAMPLE TYPE (S=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	Colilert (Fecal/Ecolit)																	
				DATE	TIME	DATE	TIME																														
1	GAC-3S/4S-Vessel#200-0	DW	G			9/26/22	9:45	1	X										X																		
2	GAC-3S/4S-Vessel#200-2	DW	G			9/26/22	9:47	1	X										X																		
3	GAC-3S/4S-Vessel#200-5	DW	G			9/26/22	9:50	1	X										X																		
4	GAC-3S/4S-Vessel#200-10	DW	G			9/26/22	9:56	1	X										X																		
5	GAC-3S/4S-Vessel#200-30	DW	G			9/26/22	10:15	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>	9/26/22		<i>[Signature]</i>	9/26/22	11:20	0.8 W

SAMPLER NAME AND SIGNATURE		TEMP in C	Received on Ice <input type="checkbox"/>	Custody (Y/N)	Sealed <input type="checkbox"/>	Cooler <input type="checkbox"/>	Samples Intact <input type="checkbox"/>
PRINT Name of SAMPLER: Randy Hoffmaster	SIGNATURE of SAMPLER: <i>[Signature]</i>						
DATE Signed: 9/26/22							



CHAIN-OF-CUSTODY / Analytical Request Document

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

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 / , -) □ Sample IDs must be unique	MATRIX CODE <input type="checkbox"/> Drinking Water <input type="checkbox"/> Water <input type="checkbox"/> Waste Water <input type="checkbox"/> Product <input type="checkbox"/> Soil/Solid <input type="checkbox"/> OIL <input type="checkbox"/> Wipe <input type="checkbox"/> Air <input type="checkbox"/> Other <input type="checkbox"/> Tissue	CODED <input type="checkbox"/> DW <input type="checkbox"/> WTD <input type="checkbox"/> WWD <input type="checkbox"/> PD <input type="checkbox"/> SL <input type="checkbox"/> OLD <input type="checkbox"/> WPD <input type="checkbox"/> AR <input type="checkbox"/> OT <input type="checkbox"/> 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 Y/N																											
						DATE	TIME	DATE	TIME																																							
1	GAC-3S/4S-Vessel#100-0	DW	G						9:26:29	1	X								X																													
2	GAC-3S/4S-Vessel#100-2	DW	G						9:26:29	1	X								X																													
3	GAC-3S/4S-Vessel#100-5	DW	G						9:26:29	1	X								X																													
4	GAC-3S/4S-Vessel#100-10	DW	G						9:26:29	1	X								X																													
5	GAC-3S/4S-Vessel#100-30	DW	G						9:26:29	1	X								X																													
6																																																
7																																																
8																																																
9																																																
10																																																
11																																																
12																																																

Page 25 of 28

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Randy Hoffmaster	9-26-22		[Signature]	9/26/22	11:22	0.8 ✓

SAMPLER NAME AND SIGNATURE		TEMP IN C	Received on file <input type="checkbox"/> (Y/N)	Custody Sealed <input type="checkbox"/> (Y/N)	Cooler <input type="checkbox"/> (Y/N)	Samples Intact <input type="checkbox"/> (Y/N)
PRINT Name of SAMPLER: Randy Hoffmaster						
SIGNATURE of SAMPLER: [Signature]	DATE Signed: 9-26-22					



CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 3 Of 3

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

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	UNPRESERVED	PRESERVATIVES							ANALYSES TEST Y/N	ANALYSES TEST Colliert (Fecal/Ecoli)	RESIDUAL CHLORINE (Y/N)														
						START DATE	END TIME				H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other																	
																											TIME							
1	N-14347 (Seaman Neck 3 Well)-0	DW	G		G		9:26:22	10:10	1	X																								
2	N-14347 (Seaman Neck 3 Well)-2	DW	G		G		9:26:22	10:12	1	X																								
3	N-14347 (Seaman Neck 3 Well)-5	DW	G		G		9:26:22	10:17	1	X																								
4	N-14347 (Seaman Neck 3 Well)-10	DW	G		G		9:26:22	10:20	1	X																								
5	N-14347 (Seaman Neck 3 Well)-30	DW	G		G		9:26:22	10:40	1	X																								
6	N-14347 (Seaman Neck 3 Well)-30D	DW	G		G		9:26:22	10:42	1	X																								
7																																		
8																																		
9																																		
10																																		
11																																		
12																																		
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS																								
		Randy Hoffmaster		9-26-22		[Signature]		9/26/22	11:20	0.8																								

SAMPLER NAME AND SIGNATURE		TEMP IN C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:					
SIGNATURE of SAMPLER: [Signature]					



Sample Condition Upon Receipt

WO#: 70230880

Client Name:

Project:

PM: KMM

Due Date: 10/03/22

KGS

CLIENT: KGS

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: _____

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

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Thermometer Used: ~~TH091~~ TH148 Correction Factor: + 0.1

Cooler Temperature (°C): 0.8 Cooler Temperature Corrected (°C): 0.9

Temp should be above freezing to 6.0°C

USDA Regulated Soil (N/A, water sample)

Date and Initials of person examining contents: A. S 9/26

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

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

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

			COMMENTS:
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		5.
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		7.
Sufficient Volume: (Triple volume provided for I)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		12.
-Includes date/time/ID, Matrix: SL, MT, 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 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: