



May 24, 2022

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

RE: Project: NYAW-MERRICK OPS FACILITY

Pace Project No.: 70213238

Dear Robert Gregory:

Enclosed are the analytical results for sample(s) received by the laboratory on May 03, 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

Kimberley Mack.

(631)694-3040

Project Manager

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC





(631)694-3040



CERTIFICATIONS

Project: NYAW-MERRICK OPS FACILITY

Pace Project No.: 70213238

Maryland Certification #: 208

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747 Connecticut Certification #: PH-0435 Delaware Certification # NY 10478

Massachusetts Certification #: M-NY026 New Hampshire Certification #: 2987 New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350 Rhode Island Certification #: LAO00340

Virginia Certification # 460302



SAMPLE SUMMARY

Project: NYAW-MERRICK OPS FACILITY

Pace Project No.: 70213238

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70213238001	GAC-3S/4S (SEAMAN NECK GAC EFF	Drinking Water	05/03/22 08:30	05/03/22 11:21
70213238002	GAC-3S/4S (SEAMAN NECK GAC E-D	Drinking Water	05/03/22 08:45	05/03/22 11:21
70213238003	WELL 3A N-14347 (INFLUENT)	Drinking Water	05/03/22 09:05	05/03/22 11:21
70213238004	WELL 4 N-09338 (INFLUENT)	Drinking Water	05/03/22 09:20	05/03/22 11:21



SAMPLE ANALYTE COUNT

Project: NYAW-MERRICK OPS FACILITY

Pace Project No.: 70213238

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70213238001	GAC-3S/4S (SEAMAN NECK GAC EFF	EPA 522	Al1	2
		EPA 524.2	KGG	62
70213238002	GAC-3S/4S (SEAMAN NECK GAC E-D	EPA 524.2	KGG	62
70213238003	WELL 3A N-14347 (INFLUENT)	EPA 522	Al1	2
		EPA 524.2	KGG	62
70213238004	WELL 4 N-09338 (INFLUENT)	EPA 522	AI1	2
		EPA 524.2	KGG	62

PACE-MV = Pace Analytical Services - Melville



Project: NYAW-MERRICK OPS FACILITY

Pace Project No.: 70213238

Date: 05/24/2022 03:15 PM

Sample: GAC-3S/4S (SEAMAN NECK GAC EFF	Lab ID:	70213238001	Collected	Collected: 05/03/22 08:30		03/22 11:21 I	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 5	522 Prepara	tion Method: EPA	522			
	Pace Anal	ytical Services	- Melville					
1,4-Dioxane (p-Dioxane)	1.7	ug/L	0.020	1	05/05/22 09:07	05/05/22 15:5	4 123-91-1	
Surrogates 1,4-Dioxane-d8 (S)	94	%	70-130	1	05/05/22 09:07	05/05/22 15:5	4	
, ,	Analytical							
524.2 MSV	•	Method: EPA 5						
	Pace Anai	ytical Services	- Meiville					
Benzene	<0.50	ug/L	0.50	1		05/09/22 18:1	7 71-43-2	
Bromobenzene	<0.50	ug/L	0.50	1		05/09/22 18:1		
Bromochloromethane	<0.50	ug/L	0.50	1		05/09/22 18:1	7 74-97-5	
Bromodichloromethane	<0.50	ug/L	0.50	1		05/09/22 18:1	-	
Bromoform	<0.50	ug/L	0.50	1		05/09/22 18:1	7 75-25-2	
Bromomethane	<0.50	ug/L	0.50	1		05/09/22 18:1	7 74-83-9	
n-Butylbenzene	<0.50	ug/L	0.50	1		05/09/22 18:1	7 104-51-8	
sec-Butylbenzene	<0.50	ug/L	0.50	1		05/09/22 18:1	7 135-98-8	
tert-Butylbenzene	<0.50	ug/L	0.50	1		05/09/22 18:1	7 98-06-6	
Carbon tetrachloride	<0.50	ug/L	0.50	1		05/09/22 18:1	7 56-23-5	
Chlorobenzene	<0.50	ug/L	0.50	1		05/09/22 18:1	7 108-90-7	
Chlorodifluoromethane	<0.50	ug/L	0.50	1		05/09/22 18:1	7 75-45-6	N3
Chloroethane	<0.50	ug/L	0.50	1		05/09/22 18:1	7 75-00-3	
Chloroform	<0.50	ug/L	0.50	1		05/09/22 18:1	7 67-66-3	
Chloromethane	<0.50	ug/L	0.50	1		05/09/22 18:1	7 74-87-3	
2-Chlorotoluene	<0.50	ug/L	0.50	1		05/09/22 18:1	7 95-49-8	
4-Chlorotoluene	<0.50	ug/L	0.50	1		05/09/22 18:1	7 106-43-4	
Dibromochloromethane	<0.50	ug/L	0.50	1		05/09/22 18:1	7 124-48-1	
Dibromomethane	<0.50	ug/L	0.50	1		05/09/22 18:1	7 74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	0.50	1		05/09/22 18:1	7 95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	0.50	1		05/09/22 18:1	7 541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1		05/09/22 18:1	7 106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	0.50	1		05/09/22 18:1	7 75-71-8	
1,1-Dichloroethane	<0.50	ug/L	0.50	1		05/09/22 18:1	7 75-34-3	
1,2-Dichloroethane	<0.50	ug/L	0.50	1		05/09/22 18:1		
1.1-Dichloroethene	<0.50	ug/L	0.50	1		05/09/22 18:1		
cis-1,2-Dichloroethene	<0.50	ug/L	0.50	1		05/09/22 18:1		
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	1		05/09/22 18:1	7 156-60-5	
1,2-Dichloropropane	<0.50	ug/L	0.50	1		05/09/22 18:1		
1,3-Dichloropropane	<0.50	ug/L	0.50	1		05/09/22 18:1		
2,2-Dichloropropane	<0.50	ug/L	0.50	1		05/09/22 18:1		
1,1-Dichloropropene	<0.50	ug/L	0.50	1		05/09/22 18:1		
cis-1,3-Dichloropropene	<0.50	ug/L	0.50	1			7 10061-01-5	
trans-1,3-Dichloropropene	<0.50	ug/L	0.50	1			7 10061-01-6	
Ethylbenzene	<0.50	ug/L	0.50	1		05/09/22 18:1		
•	<0.50	ug/L	0.50	1		05/09/22 18:1		
Hexachioro-1.3-buraniene								
Hexachloro-1,3-butadiene Isopropylbenzene (Cumene)	<0.50	ug/L	0.50	1		05/09/22 18:1		



Project: NYAW-MERRICK OPS FACILITY

Pace Project No.: 70213238

Date: 05/24/2022 03:15 PM

Sample: GAC-3S/4S (SEAMAN Lab ID: 70213238001 Collected: 05/03/22 08:30 Received: 05/03/22 11:21 Matrix: Drinking Water **NECK GAC EFF** Report Reg. Qual **Parameters** Results Units Limit Limit DF Prepared CAS No. Analyzed 524.2 MSV Analytical Method: EPA 524.2 Pace Analytical Services - Melville Methylene Chloride < 0.50 ug/L 0.50 05/09/22 18:17 75-09-2 Methyl-tert-butyl ether <0.50 ug/L 0.50 05/09/22 18:17 1634-04-4 0.50 n-Propylbenzene < 0.50 ug/L 1 05/09/22 18:17 103-65-1 ug/L Styrene < 0.50 0.50 1 05/09/22 18:17 100-42-5 1,1,1,2-Tetrachloroethane <0.50 ug/L 0.50 1 05/09/22 18:17 630-20-6 1,1,2,2-Tetrachloroethane <0.50 ug/L 0.50 1 05/09/22 18:17 79-34-5 Tetrachloroethene <0.50 ug/L 0.50 1 05/09/22 18:17 127-18-4 Toluene <0.50 ug/L 0.50 1 05/09/22 18:17 108-88-3 Total Trihalomethanes (Calc.) <0.50 ug/L 0.50 1 05/09/22 18:17 1,2,3-Trichlorobenzene <0.50 ug/L 0.50 1 05/09/22 18:17 87-61-6 1,2,4-Trichlorobenzene < 0.50 ug/L 0.50 1 05/09/22 18:17 120-82-1 1,1,1-Trichloroethane <0.50 ug/L 0.50 1 05/09/22 18:17 71-55-6 1,1,2-Trichloroethane <0.50 0.50 1 05/09/22 18:17 79-00-5 ug/L Trichloroethene < 0.50 ug/L 0.50 1 05/09/22 18:17 79-01-6 Trichlorofluoromethane < 0.50 ug/L 0.50 1 05/09/22 18:17 75-69-4 1,2,3-Trichloropropane < 0.50 ug/L 0.50 1 05/09/22 18:17 96-18-4 1,1,2-Trichlorotrifluoroethane < 0.50 0.50 N3 ug/L 1 05/09/22 18:17 76-13-1 05/09/22 18:17 95-63-6 1,2,4-Trimethylbenzene < 0.50 ug/L 0.50 1 05/09/22 18:17 108-67-8 1,3,5-Trimethylbenzene < 0.50 ug/L 0.50 1 05/09/22 18:17 75-01-4 Vinyl chloride < 0.50 ug/L 0.50 1 05/09/22 18:17 179601-23-1 m&p-Xylene <0.50 ug/L 0.50 1 o-Xylene < 0.50 ug/L 0.50 1 05/09/22 18:17 95-47-6 Surrogates 1,2-Dichlorobenzene-d4 (S) 92 % 70-130 05/09/22 18:17 2199-69-1 1 4-Bromofluorobenzene (S) 95 70-130 05/09/22 18:17 460-00-4 % 1



Project: NYAW-MERRICK OPS FACILITY

Pace Project No.: 70213238

Date: 05/24/2022 03:15 PM

Lab ID: 70213238002 Sample: GAC-3S/4S (SEAMAN Collected: 05/03/22 08:45 Received: 05/03/22 11:21 Matrix: Drinking Water **NECK GAC È-D** Report Reg. **Parameters** Results Units Limit Limit DF CAS No. Qual Prepared Analyzed 524.2 MSV Analytical Method: EPA 524.2 Pace Analytical Services - Melville Benzene < 0.50 ug/L 0.50 1 05/09/22 18:44 71-43-2 Bromobenzene 0.50 05/09/22 18:44 108-86-1 <0.50 ug/L 1 Bromochloromethane < 0.50 ug/L 0.50 1 05/09/22 18:44 74-97-5 Bromodichloromethane <0.50 0.50 1 05/09/22 18:44 75-27-4 ug/L Bromoform <0.50 0.50 1 05/09/22 18:44 75-25-2 ug/L Bromomethane <0.50 ug/L 0.50 1 05/09/22 18:44 74-83-9 n-Butylbenzene <0.50 ug/L 0.50 1 05/09/22 18:44 104-51-8 05/09/22 18:44 135-98-8 sec-Butylbenzene < 0.50 ug/L 0.50 1 05/09/22 18:44 98-06-6 tert-Butylbenzene <0.50 ug/L 0.50 1 Carbon tetrachloride <0.50 ug/L 0.50 1 05/09/22 18:44 56-23-5 Chlorobenzene < 0.50 ug/L 0.50 1 05/09/22 18:44 108-90-7 Chlorodifluoromethane <0.50 0.50 1 05/09/22 18:44 75-45-6 N3 ug/L 0.50 05/09/22 18:44 75-00-3 Chloroethane < 0.50 ug/L 1 Chloroform <0.50 ug/L 0.50 1 05/09/22 18:44 67-66-3 Chloromethane < 0.50 ug/L 0.50 1 05/09/22 18:44 74-87-3 2-Chlorotoluene < 0.50 ug/L 0.50 1 05/09/22 18:44 95-49-8 < 0.50 0.50 4-Chlorotoluene ug/L 1 05/09/22 18:44 106-43-4 05/09/22 18:44 124-48-1 Dibromochloromethane < 0.50 ug/L 0.50 1 Dibromomethane < 0.50 ug/L 0.50 1 05/09/22 18:44 74-95-3 1.2-Dichlorobenzene < 0.50 05/09/22 18:44 95-50-1 ug/L 0.50 1 1,3-Dichlorobenzene <0.50 ug/L 0.50 1 05/09/22 18:44 541-73-1 1,4-Dichlorobenzene < 0.50 ug/L 0.50 1 05/09/22 18:44 106-46-7 Dichlorodifluoromethane < 0.50 0.50 05/09/22 18:44 75-71-8 ug/L 1 1,1-Dichloroethane < 0.50 ug/L 0.50 1 05/09/22 18:44 75-34-3 1,2-Dichloroethane < 0.50 ug/L 0.50 05/09/22 18:44 107-06-2 1,1-Dichloroethene < 0.50 ug/L 0.50 1 05/09/22 18:44 75-35-4 cis-1,2-Dichloroethene <0.50 ug/L 0.50 05/09/22 18:44 156-59-2 1 trans-1,2-Dichloroethene < 0.50 0.50 1 05/09/22 18:44 156-60-5 ug/L 05/09/22 18:44 78-87-5 1,2-Dichloropropane < 0.50 0.50 1 ug/L 1,3-Dichloropropane < 0.50 1 05/09/22 18:44 142-28-9 ug/L 0.50 05/09/22 18:44 594-20-7 2,2-Dichloropropane < 0.50 ug/L 0.50 1 1,1-Dichloropropene <0.50 ug/L 0.50 1 05/09/22 18:44 563-58-6 cis-1,3-Dichloropropene < 0.50 ug/L 0.50 1 05/09/22 18:44 10061-01-5 trans-1,3-Dichloropropene 05/09/22 18:44 10061-02-6 < 0.50 ug/L 0.50 1 0.50 05/09/22 18:44 100-41-4 Ethylbenzene < 0.50 ug/L 1 Hexachloro-1,3-butadiene < 0.50 ug/L 0.50 1 05/09/22 18:44 87-68-3 Isopropylbenzene (Cumene) < 0.50 ug/L 0.50 1 05/09/22 18:44 98-82-8 <0.50 ug/L 0.50 05/09/22 18:44 99-87-6 p-Isopropyltoluene 1 Methylene Chloride <0.50 ug/L 0.50 05/09/22 18:44 75-09-2 1 Methyl-tert-butyl ether < 0.50 ug/L 0.50 1 05/09/22 18:44 1634-04-4 <0.50 0.50 n-Propylbenzene ug/L 1 05/09/22 18:44 103-65-1 <0.50 Styrene ug/L 0.50 1 05/09/22 18:44 100-42-5 1,1,1,2-Tetrachloroethane < 0.50 ug/L 0.50 1 05/09/22 18:44 630-20-6 1,1,2,2-Tetrachloroethane <0.50 ug/L 0.50 05/09/22 18:44 79-34-5



Project: NYAW-MERRICK OPS FACILITY

Pace Project No.: 70213238

Date: 05/24/2022 03:15 PM

Sample: GAC-3S/4S (SEAMAN NECK GAC E-D	Lab ID:	70213238002	Collecte	Collected: 05/03/22 08:45		Received: 05/03/22 11:21		Matrix: Drinking Water			
			Report	Reg.							
Parameters	Results	Units	Limit	Limit	DF	Prepared	Analyzed	CAS No.	Qual		
524.2 MSV	Analytical Method: EPA 524.2										
	Pace Anal	ytical Services	- Melville								
Tetrachloroethene	<0.50	ug/L	0.50		1		05/09/22 18:44	127-18-4			
Toluene	<0.50	ug/L	0.50		1		05/09/22 18:44	108-88-3			
Total Trihalomethanes (Calc.)	<0.50	ug/L	0.50		1		05/09/22 18:44				
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50		1		05/09/22 18:44	87-61-6			
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50		1		05/09/22 18:44	120-82-1			
1,1,1-Trichloroethane	<0.50	ug/L	0.50		1		05/09/22 18:44	71-55-6			
1,1,2-Trichloroethane	<0.50	ug/L	0.50		1		05/09/22 18:44	79-00-5			
Trichloroethene	<0.50	ug/L	0.50		1		05/09/22 18:44	79-01-6			
Trichlorofluoromethane	<0.50	ug/L	0.50		1		05/09/22 18:44	75-69-4			
1,2,3-Trichloropropane	<0.50	ug/L	0.50		1		05/09/22 18:44	96-18-4			
1,1,2-Trichlorotrifluoroethane	<0.50	ug/L	0.50		1		05/09/22 18:44	76-13-1	N3		
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50		1		05/09/22 18:44	95-63-6			
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50		1		05/09/22 18:44	108-67-8			
Vinyl chloride	<0.50	ug/L	0.50		1		05/09/22 18:44	75-01-4			
m&p-Xylene	<0.50	ug/L	0.50		1		05/09/22 18:44	179601-23-1			
o-Xylene	<0.50	ug/L	0.50		1		05/09/22 18:44	95-47-6			
Surrogates		-									
1,2-Dichlorobenzene-d4 (S)	85	%	70-130		1		05/09/22 18:44	2199-69-1			
4-Bromofluorobenzene (S)	90	%	70-130		1		05/09/22 18:44	460-00-4			



Project: NYAW-MERRICK OPS FACILITY

Pace Project No.: 70213238

Date: 05/24/2022 03:15 PM

Sample: WELL 3A N-14347 (INFLUENT)	Lab ID:	70213238003	Collecte	d: 05/03/22 09:05	Received: 05/	/03/22 11:21 M	latrix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit DF	Prepared	Analyzed	CAS No.	Qual
522 MSS 1,4 Dioxane (SIM)	Analytical	Method: EPA 5	22 Prepara	ation Method: EPA 5	522			
	Pace Ana	lytical Services	 Melville 					
1,4-Dioxane (p-Dioxane)	1.8	ug/L	0.020	1	05/05/22 09:07	05/05/22 16:26	123-91-1	
Surrogates								
1,4-Dioxane-d8 (S)	94	%	70-130	1	05/05/22 09:07	05/05/22 16:26	3	
524.2 MSV	•	Method: EPA 5 lytical Services						
Benzene	<0.50	ug/L	0.50	1		05/09/22 19:10	71-43-2	
Bromobenzene	<0.50	ug/L	0.50	1		05/09/22 19:10	108-86-1	
Bromochloromethane	<0.50	ug/L	0.50	1		05/09/22 19:10	74-97-5	
Bromodichloromethane	<0.50	ug/L	0.50	1		05/09/22 19:10	75-27-4	
Bromoform	<0.50	ug/L	0.50	1		05/09/22 19:10	75-25-2	
Bromomethane	<0.50	ug/L	0.50	1		05/09/22 19:10	74-83-9	
n-Butylbenzene	<0.50	ug/L	0.50	1		05/09/22 19:10	104-51-8	
sec-Butylbenzene	<0.50	ug/L	0.50	1		05/09/22 19:10	135-98-8	
tert-Butylbenzene	<0.50	ug/L	0.50	1		05/09/22 19:10		
Carbon tetrachloride	<0.50	ug/L	0.50	1		05/09/22 19:10	56-23-5	
Chlorobenzene	<0.50	ug/L	0.50	1		05/09/22 19:10	108-90-7	
Chlorodifluoromethane	<0.50	ug/L	0.50	1		05/09/22 19:10	75-45-6	N3
Chloroethane	<0.50	ug/L	0.50	1		05/09/22 19:10	75-00-3	
Chloroform	<0.50	ug/L	0.50	1		05/09/22 19:10		
Chloromethane	<0.50	ug/L	0.50	1		05/09/22 19:10		
2-Chlorotoluene	<0.50	ug/L	0.50	1		05/09/22 19:10		
4-Chlorotoluene	<0.50	ug/L	0.50	1		05/09/22 19:10		
Dibromochloromethane	<0.50	ug/L	0.50	1		05/09/22 19:10		
Dibromomethane	<0.50	ug/L	0.50	1		05/09/22 19:10		
1,2-Dichlorobenzene	<0.50	ug/L	0.50	1		05/09/22 19:10		
1,3-Dichlorobenzene	<0.50	ug/L	0.50	1		05/09/22 19:10		
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1		05/09/22 19:10		
Dichlorodifluoromethane	<0.50	ug/L	0.50	1		05/09/22 19:10		
1,1-Dichloroethane	<0.50	ug/L	0.50	1		05/09/22 19:10		
1,2-Dichloroethane	<0.50	ug/L	0.50	1		05/09/22 19:10		
1,1-Dichloroethene	0.68	ug/L	0.50	1		05/09/22 19:10		
cis-1,2-Dichloroethene	<0.50	ug/L	0.50	1		05/09/22 19:10		
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	1		05/09/22 19:10		
1,2-Dichloropropane	<0.50	ug/L	0.50	1		05/09/22 19:10 05/09/22 19:10		
1,3-Dichloropropane	<0.50	ug/L	0.50	1				
2,2-Dichloropropane	<0.50 <0.50	ug/L	0.50 0.50	1 1		05/09/22 19:10 05/09/22 19:10		
1,1-Dichloropropene	<0.50 <0.50	ug/L	0.50	1		05/09/22 19:10		
cis-1,3-Dichloropropene trans-1,3-Dichloropropene	<0.50 <0.50	ug/L	0.50			05/09/22 19:10		
		ug/L		1				
Ethylbenzene Hexachloro-1,3-butadiene	<0.50	ug/L	0.50	1		05/09/22 19:10 05/09/22 19:10		
•	<0.50 <0.50	ug/L	0.50 0.50	1		05/09/22 19:10		
Isopropylbenzene (Cumene) p-Isopropyltoluene	<0.50 <0.50	ug/L ug/L	0.50	1 1		05/09/22 19:10		



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Pace Project No.: 70213238

Date: 05/24/2022 03:15 PM

Sample: WELL 3A N-14347 Lab ID: 70213238003 Collected: 05/03/22 09:05 Received: 05/03/22 11:21 Matrix: Drinking Water (INFLUENT) Report Reg. Qual **Parameters** Results Units Limit Limit DF Prepared CAS No. Analyzed 524.2 MSV Analytical Method: EPA 524.2 Pace Analytical Services - Melville Methylene Chloride < 0.50 ug/L 0.50 05/09/22 19:10 75-09-2 Methyl-tert-butyl ether <0.50 ug/L 0.50 05/09/22 19:10 1634-04-4 <0.50 0.50 n-Propylbenzene ug/L 1 05/09/22 19:10 103-65-1 ug/L Styrene < 0.50 0.50 1 05/09/22 19:10 100-42-5 1,1,1,2-Tetrachloroethane <0.50 ug/L 0.50 1 05/09/22 19:10 630-20-6 1,1,2,2-Tetrachloroethane <0.50 ug/L 0.50 1 05/09/22 19:10 79-34-5 Tetrachloroethene <0.50 ug/L 0.50 1 05/09/22 19:10 127-18-4 05/09/22 19:10 108-88-3 Toluene <0.50 ug/L 0.50 1 Total Trihalomethanes (Calc.) <0.50 ug/L 0.50 1 05/09/22 19:10 1,2,3-Trichlorobenzene <0.50 ug/L 0.50 1 05/09/22 19:10 87-61-6 1,2,4-Trichlorobenzene < 0.50 ug/L 0.50 1 05/09/22 19:10 120-82-1 1,1,1-Trichloroethane <0.50 ug/L 0.50 1 05/09/22 19:10 71-55-6 1,1,2-Trichloroethane <0.50 0.50 1 05/09/22 19:10 79-00-5 ug/L Trichloroethene 27.3 ug/L 0.50 1 05/09/22 19:10 79-01-6 Trichlorofluoromethane <0.50 ug/L 0.50 1 05/09/22 19:10 75-69-4 1,2,3-Trichloropropane < 0.50 ug/L 0.50 1 05/09/22 19:10 96-18-4 1,1,2-Trichlorotrifluoroethane 0.77 0.50 05/09/22 19:10 76-13-1 N3 ug/L 1 1,2,4-Trimethylbenzene < 0.50 ug/L 0.50 1 05/09/22 19:10 95-63-6 1,3,5-Trimethylbenzene < 0.50 ug/L 0.50 1 05/09/22 19:10 108-67-8 05/09/22 19:10 75-01-4 Vinyl chloride < 0.50 ug/L 0.50 1 05/09/22 19:10 179601-23-1 m&p-Xylene <0.50 ug/L 0.50 1 o-Xylene < 0.50 ug/L 0.50 1 05/09/22 19:10 95-47-6 Surrogates 1,2-Dichlorobenzene-d4 (S) 88 % 70-130 05/09/22 19:10 2199-69-1 1 4-Bromofluorobenzene (S) 90 70-130 05/09/22 19:10 460-00-4 % 1



Project: NYAW-MERRICK OPS FACILITY

Pace Project No.: 70213238

Date: 05/24/2022 03:15 PM

Sample: WELL 4 N-09338 (INFLUENT)	Lab ID:	70213238004	Collecte	d: 05/03/22 09:20	Received: 05/	03/22 11:21 M	atrix: Drinking	Water
Parameters	Results	Units	Report Limit	Reg. Limit DF	Prepared	Analyzed	CAS No.	Qual
522 MSS 1,4 Dioxane (SIM)	•	Method: EPA 5	•	ation Method: EPA	522			
1,4-Dioxane (p-Dioxane)	1.7	ug/L	0.020	1	05/05/22 09:07	05/05/22 17:00	123-91-1	
Surrogates 1,4-Dioxane-d8 (S)	97	%	70-130	1	05/05/22 09:07	05/05/22 17:00		
524.2 MSV		Method: EPA 5						
Benzene	<0.50	ug/L	0.50	1		05/09/22 19:37	71-43-2	
Bromobenzene	<0.50	ug/L	0.50	1		05/09/22 19:37	108-86-1	
Bromochloromethane	<0.50	ug/L	0.50	1		05/09/22 19:37	74-97-5	
Bromodichloromethane	<0.50	ug/L	0.50	1		05/09/22 19:37	75-27-4	
Bromoform	<0.50	ug/L	0.50	1		05/09/22 19:37	75-25-2	
Bromomethane	< 0.50	ug/L	0.50	1		05/09/22 19:37	74-83-9	
n-Butylbenzene	<0.50	ug/L	0.50	1		05/09/22 19:37	104-51-8	
sec-Butylbenzene	< 0.50	ug/L	0.50	1		05/09/22 19:37	135-98-8	
tert-Butylbenzene	<0.50	ug/L	0.50	1		05/09/22 19:37	98-06-6	
Carbon tetrachloride	<0.50	ug/L	0.50	1		05/09/22 19:37	56-23-5	
Chlorobenzene	< 0.50	ug/L	0.50	1		05/09/22 19:37	108-90-7	
Chlorodifluoromethane	< 0.50	ug/L	0.50	1		05/09/22 19:37	75-45-6	N3
Chloroethane	<0.50	ug/L	0.50	1		05/09/22 19:37	75-00-3	
Chloroform	<0.50	ug/L	0.50	1		05/09/22 19:37	67-66-3	
Chloromethane	< 0.50	ug/L	0.50	1		05/09/22 19:37		
2-Chlorotoluene	< 0.50	ug/L	0.50	1		05/09/22 19:37	95-49-8	
4-Chlorotoluene	<0.50	ug/L	0.50	1		05/09/22 19:37	106-43-4	
Dibromochloromethane	< 0.50	ug/L	0.50	1		05/09/22 19:37	124-48-1	
Dibromomethane	<0.50	ug/L	0.50	1		05/09/22 19:37	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	0.50	1		05/09/22 19:37		
1,3-Dichlorobenzene	<0.50	ug/L	0.50	1		05/09/22 19:37	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	0.50	1		05/09/22 19:37		
Dichlorodifluoromethane	<0.50	ug/L	0.50	1		05/09/22 19:37	75-71-8	
1,1-Dichloroethane	<0.50	ug/L	0.50	1		05/09/22 19:37	75-34-3	
1,2-Dichloroethane	<0.50	ug/L	0.50	1		05/09/22 19:37		
1,1-Dichloroethene	<0.50	ug/L	0.50	1		05/09/22 19:37		
cis-1,2-Dichloroethene	<0.50	ug/L	0.50	1		05/09/22 19:37		
trans-1,2-Dichloroethene	<0.50	ug/L	0.50	1		05/09/22 19:37	156-60-5	
1,2-Dichloropropane	<0.50	ug/L	0.50	1		05/09/22 19:37		
1,3-Dichloropropane	<0.50	ug/L	0.50	1		05/09/22 19:37		
2,2-Dichloropropane	<0.50	ug/L	0.50	1		05/09/22 19:37		
1,1-Dichloropropene	<0.50	ug/L	0.50	1		05/09/22 19:37		
cis-1,3-Dichloropropene	<0.50	ug/L	0.50	1		05/09/22 19:37		
trans-1,3-Dichloropropene	<0.50	ug/L	0.50	1		05/09/22 19:37		
Ethylbenzene	<0.50	ug/L	0.50	1		05/09/22 19:37		
Hexachloro-1,3-butadiene	<0.50	ug/L	0.50	1		05/09/22 19:37		
Isopropylbenzene (Cumene)	<0.50	ug/L	0.50	1		05/09/22 19:37		
p-Isopropyltoluene	<0.50	ug/L	0.50	1		05/09/22 19:37		



Project: NYAW-MERRICK OPS FACILITY

Pace Project No.: 70213238

Date: 05/24/2022 03:15 PM

Sample: WELL 4 N-09338 (INFLUENT)	Lab ID:	70213238004	Collected	Received: 05	eived: 05/03/22 11:21 Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	Reg. Limit DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical	Method: EPA 5	524.2					
	Pace Ana	lytical Services	- Melville					
Methylene Chloride	<0.50	ug/L	0.50	1		05/09/22 19:37	75-09-2	
Methyl-tert-butyl ether	<0.50	ug/L	0.50	1		05/09/22 19:37	1634-04-4	
n-Propylbenzene	<0.50	ug/L	0.50	1		05/09/22 19:37	103-65-1	
Styrene	<0.50	ug/L	0.50	1		05/09/22 19:37	100-42-5	
1,1,1,2-Tetrachloroethane	<0.50	ug/L	0.50	1		05/09/22 19:37	630-20-6	
1,1,2,2-Tetrachloroethane	<0.50	ug/L	0.50	1		05/09/22 19:37	79-34-5	
Tetrachloroethene	<0.50	ug/L	0.50	1		05/09/22 19:37	127-18-4	
Toluene	<0.50	ug/L	0.50	1		05/09/22 19:37	108-88-3	
Total Trihalomethanes (Calc.)	<0.50	ug/L	0.50	1		05/09/22 19:37		
1,2,3-Trichlorobenzene	<0.50	ug/L	0.50	1		05/09/22 19:37	87-61-6	
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1		05/09/22 19:37	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	0.50	1		05/09/22 19:37	71-55-6	
1,1,2-Trichloroethane	<0.50	ug/L	0.50	1		05/09/22 19:37	79-00-5	
Trichloroethene	4.0	ug/L	0.50	1		05/09/22 19:37	79-01-6	
Trichlorofluoromethane	<0.50	ug/L	0.50	1		05/09/22 19:37	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	0.50	1		05/09/22 19:37	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.50	ug/L	0.50	1		05/09/22 19:37	76-13-1	N3
1,2,4-Trimethylbenzene	<0.50	ug/L	0.50	1		05/09/22 19:37	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	0.50	1		05/09/22 19:37	108-67-8	
Vinyl chloride	<0.50	ug/L	0.50	1		05/09/22 19:37	75-01-4	
m&p-Xylene	<0.50	ug/L	0.50	1		05/09/22 19:37	179601-23-1	
o-Xylene	<0.50	ug/L	0.50	1		05/09/22 19:37	95-47-6	
Surrogates		-						
1,2-Dichlorobenzene-d4 (S)	87	%	70-130	1		05/09/22 19:37	2199-69-1	
4-Bromofluorobenzene (S)	91	%	70-130	1		05/09/22 19:37	460-00-4	



Project: NYAW-MERRICK OPS FACILITY

Pace Project No.: 70213238

Date: 05/24/2022 03:15 PM

QC Batch: 255809 Analysis Method: EPA 524.2
QC Batch Method: EPA 524.2 Analysis Description: 524.2 MSV

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70213238001, 70213238002, 70213238003, 70213238004

METHOD BLANK: 1292199 Matrix: Water
Associated Lab Samples: 70213238001, 70213238002, 70213238003, 70213238004

		Blank	Reporting		
Parameter	Units	Result	Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.50	0.50	05/09/22 13:50	
1,1,1-Trichloroethane	ug/L	< 0.50	0.50	05/09/22 13:50	
1,1,2,2-Tetrachloroethane	ug/L	< 0.50	0.50	05/09/22 13:50	
1,1,2-Trichloroethane	ug/L	< 0.50	0.50	05/09/22 13:50	
1,1,2-Trichlorotrifluoroethane	ug/L	< 0.50	0.50	05/09/22 13:50	N3
1,1-Dichloroethane	ug/L	< 0.50	0.50	05/09/22 13:50	
1,1-Dichloroethene	ug/L	< 0.50	0.50	05/09/22 13:50	
1,1-Dichloropropene	ug/L	< 0.50	0.50	05/09/22 13:50	
1,2,3-Trichlorobenzene	ug/L	< 0.50	0.50	05/09/22 13:50	
1,2,3-Trichloropropane	ug/L	< 0.50	0.50	05/09/22 13:50	
1,2,4-Trichlorobenzene	ug/L	< 0.50	0.50	05/09/22 13:50	
1,2,4-Trimethylbenzene	ug/L	< 0.50	0.50	05/09/22 13:50	
1,2-Dichlorobenzene	ug/L	< 0.50	0.50	05/09/22 13:50	
1,2-Dichloroethane	ug/L	< 0.50	0.50	05/09/22 13:50	
1,2-Dichloropropane	ug/L	< 0.50	0.50	05/09/22 13:50	
1,3,5-Trimethylbenzene	ug/L	< 0.50	0.50	05/09/22 13:50	
1,3-Dichlorobenzene	ug/L	< 0.50	0.50	05/09/22 13:50	
1,3-Dichloropropane	ug/L	< 0.50	0.50	05/09/22 13:50	
1,4-Dichlorobenzene	ug/L	< 0.50	0.50	05/09/22 13:50	
2,2-Dichloropropane	ug/L	< 0.50	0.50	05/09/22 13:50	
2-Chlorotoluene	ug/L	< 0.50	0.50	05/09/22 13:50	
4-Chlorotoluene	ug/L	< 0.50	0.50	05/09/22 13:50	
Benzene	ug/L	< 0.50	0.50	05/09/22 13:50	
Bromobenzene	ug/L	< 0.50	0.50	05/09/22 13:50	
Bromochloromethane	ug/L	< 0.50	0.50	05/09/22 13:50	
Bromodichloromethane	ug/L	< 0.50	0.50	05/09/22 13:50	
Bromoform	ug/L	< 0.50	0.50	05/09/22 13:50	
Bromomethane	ug/L	< 0.50	0.50	05/09/22 13:50	
Carbon tetrachloride	ug/L	< 0.50	0.50	05/09/22 13:50	
Chlorobenzene	ug/L	< 0.50	0.50	05/09/22 13:50	
Chlorodifluoromethane	ug/L	< 0.50	0.50	05/09/22 13:50	N3
Chloroethane	ug/L	< 0.50	0.50	05/09/22 13:50	
Chloroform	ug/L	< 0.50	0.50	05/09/22 13:50	
Chloromethane	ug/L	< 0.50	0.50	05/09/22 13:50	
cis-1,2-Dichloroethene	ug/L	< 0.50	0.50	05/09/22 13:50	
cis-1,3-Dichloropropene	ug/L	< 0.50	0.50	05/09/22 13:50	
Dibromochloromethane	ug/L	< 0.50	0.50	05/09/22 13:50	
Dibromomethane	ug/L	< 0.50	0.50	05/09/22 13:50	
Dichlorodifluoromethane	ug/L	< 0.50	0.50	05/09/22 13:50	
Ethylbenzene	ug/L	<0.50	0.50	05/09/22 13:50	

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REPORT OF LABORATORY ANALYSIS

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Project: NYAW-MERRICK OPS FACILITY

Pace Project No.: 70213238

Date: 05/24/2022 03:15 PM

METHOD BLANK: 1292199 Matrix: Water
Associated Lab Samples: 70213238001, 70213238002, 70213238003, 70213238004

		Blank	Reporting		
Parameter	Units	Result	Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<0.50	0.50	05/09/22 13:50	
Isopropylbenzene (Cumene)	ug/L	< 0.50	0.50	05/09/22 13:50	
m&p-Xylene	ug/L	< 0.50	0.50	05/09/22 13:50	
Methyl-tert-butyl ether	ug/L	< 0.50	0.50	05/09/22 13:50	
Methylene Chloride	ug/L	< 0.50	0.50	05/09/22 13:50	
n-Butylbenzene	ug/L	< 0.50	0.50	05/09/22 13:50	
n-Propylbenzene	ug/L	< 0.50	0.50	05/09/22 13:50	
o-Xylene	ug/L	< 0.50	0.50	05/09/22 13:50	
p-Isopropyltoluene	ug/L	< 0.50	0.50	05/09/22 13:50	
sec-Butylbenzene	ug/L	< 0.50	0.50	05/09/22 13:50	
Styrene	ug/L	< 0.50	0.50	05/09/22 13:50	
tert-Butylbenzene	ug/L	< 0.50	0.50	05/09/22 13:50	
Tetrachloroethene	ug/L	< 0.50	0.50	05/09/22 13:50	
Toluene	ug/L	< 0.50	0.50	05/09/22 13:50	
Total Trihalomethanes (Calc.)	ug/L	< 0.50	0.50	05/09/22 13:50	
trans-1,2-Dichloroethene	ug/L	< 0.50	0.50	05/09/22 13:50	
trans-1,3-Dichloropropene	ug/L	< 0.50	0.50	05/09/22 13:50	
Trichloroethene	ug/L	< 0.50	0.50	05/09/22 13:50	
Trichlorofluoromethane	ug/L	< 0.50	0.50	05/09/22 13:50	
Vinyl chloride	ug/L	<0.50	0.50	05/09/22 13:50	
1,2-Dichlorobenzene-d4 (S)	%	94	70-130	05/09/22 13:50	
4-Bromofluorobenzene (S)	%	92	70-130	05/09/22 13:50	

LABORATORY CONTROL SAMPLE:	1292200					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% Rec	Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	10	9.8	98	70-130	
1,1,1-Trichloroethane	ug/L	10	9.1	91	70-130	
1,1,2,2-Tetrachloroethane	ug/L	10	9.6	96	70-130	
1,1,2-Trichloroethane	ug/L	10	9.8	98	70-130	
1,1,2-Trichlorotrifluoroethane	ug/L	10	9.4	94	70-130 N	13
1,1-Dichloroethane	ug/L	10	9.4	94	70-130	
1,1-Dichloroethene	ug/L	10	9.0	90	70-130	
1,1-Dichloropropene	ug/L	10	8.9	89	70-130	
1,2,3-Trichlorobenzene	ug/L	10	9.8	98	70-130	
1,2,3-Trichloropropane	ug/L	10	10	100	70-130	
1,2,4-Trichlorobenzene	ug/L	10	9.6	96	70-130	
1,2,4-Trimethylbenzene	ug/L	10	9.0	90	70-130	
1,2-Dichlorobenzene	ug/L	10	10.2	102	70-130	
1,2-Dichloroethane	ug/L	10	9.9	99	70-130	
1,2-Dichloropropane	ug/L	10	9.6	96	70-130	
1,3,5-Trimethylbenzene	ug/L	10	8.4	84	70-130	
1,3-Dichlorobenzene	ug/L	10	10.3	103	70-130	
1,3-Dichloropropane	ug/L	10	9.2	92	70-130	

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Project: NYAW-MERRICK OPS FACILITY

Pace Project No.: 70213238

Date: 05/24/2022 03:15 PM

LABORATORY CONTROL SAMPLE:	1292200				_	
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
						Qualifiers
1,4-Dichlorobenzene	ug/L	10	10.2	102	70-130	
2,2-Dichloropropane	ug/L	10	8.9	89	70-130	
2-Chlorotoluene	ug/L	10	9.8	98	70-130	
4-Chlorotoluene	ug/L	10	9.8	98	70-130	
Benzene	ug/L	10	9.7	97	70-130	
Bromobenzene	ug/L	10	10.0	100	70-130	
Bromochloromethane	ug/L	10	9.7	97	70-130	
Bromodichloromethane	ug/L	10	9.8	98	70-130	
Bromoform	ug/L	10	10.0	100 97	70-130	
Bromomethane	ug/L	10	9.7 8.8	97 88	70-130	
Carbon tetrachloride	ug/L	10			70-130	
Chlorodiffuoromethone	ug/L	10	10.1	101	70-130	10
Chlorodifluoromethane Chloroethane	ug/L	10 10	7.4 9.4	74 94	70-130 N 70-130	NO
Chloroform	ug/L	10	9.4 9.6	94 96	70-130 70-130	
Chloromethane	ug/L	10	10.1	101	70-130 70-130	
cis-1,2-Dichloroethene	ug/L	10	9.3	93	70-130 70-130	
cis-1,3-Dichloropropene	ug/L	10	9.3 9.9	99	70-130 70-130	
Dibromochloromethane	ug/L ug/L	10	9.9	99	70-130 70-130	
Dibromomethane	ug/L ug/L	10	9.9	92	70-130	
Dichlorodifluoromethane	ug/L	10	9.2	92	70-130	
Ethylbenzene	ug/L	10	9.4	94	70-130	
Hexachloro-1,3-butadiene	ug/L	10	9.3	93	70-130	
Isopropylbenzene (Cumene)	ug/L	10	9.4	94	70-130	
m&p-Xylene	ug/L	20	18.9	94	70-130	
Methyl-tert-butyl ether	ug/L	10	10.8	108	70-130	
Methylene Chloride	ug/L	10	9.6	96	70-130	
n-Butylbenzene	ug/L	10	9.9	99	70-130	
n-Propylbenzene	ug/L	10	9.6	96	70-130	
o-Xylene	ug/L	10	9.8	98	70-130	
p-Isopropyltoluene	ug/L	10	9.2	92	70-130	
sec-Butylbenzene	ug/L	10	9.1	91	70-130	
Styrene	ug/L	10	8.9	89	70-130	
tert-Butylbenzene	ug/L	10	9.4	94	70-130	
Tetrachloroethene	ug/L	10	9.2	92	70-130	
Toluene	ug/L	10	9.8	98	70-130	
Total Trihalomethanes (Calc.)	ug/L		39.4			
trans-1,2-Dichloroethene	ug/L	10	9.3	93	70-130	
trans-1,3-Dichloropropene	ug/L	10	9.9	99	70-130	
Trichloroethene	ug/L	10	9.6	96	70-130	
Trichlorofluoromethane	ug/L	10	9.3	93	70-130	
Vinyl chloride	ug/L	10	8.8	88	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	

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Project: NYAW-MERRICK OPS FACILITY

Pace Project No.: 70213238

Date: 05/24/2022 03:15 PM

SAMPLE DUPLICATE: 1293229						
Б	11.5	70213201005	Dup	222	Max	0 ""
Parameter	Units	Result	Result	RPD	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	< 0.50	<0.50		20	
1,1,1-Trichloroethane	ug/L	< 0.50	< 0.50		20	
1,1,2,2-Tetrachloroethane	ug/L	<0.50	< 0.50		20	
1,1,2-Trichloroethane	ug/L	<0.50	< 0.50		20	
1,1,2-Trichlorotrifluoroethane	ug/L	< 0.50	< 0.50		20	N3
1,1-Dichloroethane	ug/L	<0.50	< 0.50		20	
1,1-Dichloroethene	ug/L	< 0.50	< 0.50		20	
1,1-Dichloropropene	ug/L	< 0.50	< 0.50		20	
1,2,3-Trichlorobenzene	ug/L	< 0.50	< 0.50		20	
1,2,3-Trichloropropane	ug/L	< 0.50	< 0.50		20	
1,2,4-Trichlorobenzene	ug/L	<0.50	< 0.50		20	
1,2,4-Trimethylbenzene	ug/L	<0.50	< 0.50		20	
1,2-Dichlorobenzene	ug/L	< 0.50	< 0.50		20	
1,2-Dichloroethane	ug/L	< 0.50	< 0.50		20	
1,2-Dichloropropane	ug/L	< 0.50	< 0.50		20	
1,3,5-Trimethylbenzene	ug/L	< 0.50	< 0.50		20	
1,3-Dichlorobenzene	ug/L	< 0.50	< 0.50		20	
1,3-Dichloropropane	ug/L	<0.50	< 0.50		20	
1,4-Dichlorobenzene	ug/L	< 0.50	< 0.50		20	
2,2-Dichloropropane	ug/L	< 0.50	< 0.50		20	
2-Chlorotoluene	ug/L	< 0.50	< 0.50		20	
4-Chlorotoluene	ug/L	< 0.50	< 0.50		20	
Benzene	ug/L	< 0.50	< 0.50		20	
Bromobenzene	ug/L	< 0.50	< 0.50		20	
Bromochloromethane	ug/L	<0.50	< 0.50		20	
Bromodichloromethane	ug/L	<0.50	< 0.50		20	
Bromoform	ug/L	<0.50	< 0.50		20	
Bromomethane	ug/L	<0.50	< 0.50		20	
Carbon tetrachloride	ug/L	<0.50	< 0.50		20	
Chlorobenzene	ug/L	< 0.50	< 0.50		20	
Chlorodifluoromethane	ug/L	< 0.50	< 0.50		20	N3
Chloroethane	ug/L	< 0.50	< 0.50		20	
Chloroform	ug/L	< 0.50	< 0.50		20	
Chloromethane	ug/L	<0.50	< 0.50		20	
cis-1,2-Dichloroethene	ug/L	< 0.50	< 0.50		20	
cis-1,3-Dichloropropene	ug/L	< 0.50	< 0.50		20	
Dibromochloromethane	ug/L	< 0.50	< 0.50		20	
Dibromomethane	ug/L	< 0.50	< 0.50		20	
Dichlorodifluoromethane	ug/L	< 0.50	< 0.50		20	
Ethylbenzene	ug/L	< 0.50	< 0.50		20	
Hexachloro-1,3-butadiene	ug/L	< 0.50	< 0.50		20	
Isopropylbenzene (Cumene)	ug/L	<0.50	< 0.50		20	
m&p-Xylene	ug/L	<0.50	< 0.50		20	
Methyl-tert-butyl ether	ug/L	<0.50	< 0.50		20	
Methylene Chloride	ug/L	<0.50	<0.50		20	
n-Butylbenzene	ug/L	<0.50	<0.50		20	
n-Propylbenzene	ug/L	< 0.50	<0.50		20	

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



Project: NYAW-MERRICK OPS FACILITY

Pace Project No.: 70213238

Date: 05/24/2022 03:15 PM

SAMPLE DUPLICATE: 1293229 70213201005 Dup Max Parameter Units Result Result **RPD** RPD Qualifiers < 0.50 o-Xylene ug/L < 0.50 20 <0.50 p-Isopropyltoluene ug/L < 0.50 20 < 0.50 sec-Butylbenzene ug/L < 0.50 20 Styrene < 0.50 < 0.50 20 ug/L tert-Butylbenzene < 0.50 < 0.50 20 ug/L Tetrachloroethene ug/L 0.84 0.81 3 20 < 0.50 Toluene ug/L < 0.50 20 Total Trihalomethanes (Calc.) < 0.50 < 0.50 20 ug/L trans-1,2-Dichloroethene < 0.50 < 0.50 20 ug/L < 0.50 trans-1,3-Dichloropropene ug/L < 0.50 20 < 0.50 Trichloroethene ug/L < 0.50 20 < 0.50 Trichlorofluoromethane ug/L < 0.50 20 < 0.50 Vinyl chloride ug/L < 0.50 20 1,2-Dichlorobenzene-d4 (S) % 86 91 20 93 4-Bromofluorobenzene (S) % 91 20

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



NYAW-MERRICK OPS FACILITY Project:

Pace Project No.: 70213238

QC Batch: 255261

Analysis Method: EPA 522

QC Batch Method: EPA 522 Analysis Description: 522 MSS 1,4 Dioxane

Laboratory: Pace Analytical Services - Melville

70213238001, 70213238003, 70213238004 Associated Lab Samples:

METHOD BLANK: 1289718 Matrix: Drinking Water

Associated Lab Samples: 70213238001, 70213238003, 70213238004

Blank Reporting Parameter Qualifiers Units Result Limit Analyzed 1,4-Dioxane (p-Dioxane) < 0.020 0.020 05/05/22 15:21 ug/L 1,4-Dioxane-d8 (S) % 94 70-130 05/05/22 15:21

LABORATORY CONTROL SAMPLE: 1289719

Spike LCS LCS % Rec Parameter Units Conc. Result % Rec Limits Qualifiers 1,4-Dioxane (p-Dioxane) 3.8 94 70-130 ug/L 1,4-Dioxane-d8 (S) 97 70-130 %

MATRIX SPIKE SAMPLE: 1289720 70213238001 Spike MS MS % Rec Parameter Units Result Conc. Result % Rec Limits Qualifiers 1.7 1,4-Dioxane (p-Dioxane) ug/L 5.3 91 70-130 E 1,4-Dioxane-d8 (S) % 96 70-130

SAMPLE DUPLICATE: 1289721

Date: 05/24/2022 03:15 PM

Parameter	Units	70213238003 Result	Dup Result	RPD	Max RPD	Qualifiers
						Qualificis
1,4-Dioxane (p-Dioxane)	ug/L	1.8	1.9	5	30	
1,4-Dioxane-d8 (S)	%	94	97		30	

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



QUALIFIERS

Project: NYAW-MERRICK OPS FACILITY

Pace Project No.: 70213238

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

Date: 05/24/2022 03:15 PM

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

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

(631)694-3040



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: NYAW-MERRICK OPS FACILITY

Pace Project No.: 70213238

Date: 05/24/2022 03:15 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70213238001	GAC-3S/4S (SEAMAN NECK GAC	EPA 522	255261	EPA 522	255411
70213238003	WELL 3A N-14347 (INFLUENT)	EPA 522	255261	EPA 522	255411
70213238004	WELL 4 N-09338 (INFLUENT)	EPA 522	255261	EPA 522	255411
70213238001	GAC-3S/4S (SEAMAN NECK GAC EFF	EPA 524.2	255809		
70213238002	GAC-3S/4S (SEAMAN NECK GAC E-D	EPA 524.2	255809		
70213238003	WELL 3A N-14347 (INFLUENT)	EPA 524.2	255809		
70213238004	WELL 4 N-09338 (INFLUENT)	EPA 524.2	255809		



Section B

Section A

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

WO#:70213238

	ed Client Information:	Required F	role	ct Inf	formation						ction							-	UZ	191	238									_	
Compa Addres	NOWAY Government Solutions, LLC	Report To:			Gregory	h:						infor	-														rag		,		
oares	5: 180 Gordon Dr., Suite 110	Copy To:		CDOF					-		entior		Accor	unts P	ayab	le								7			_ ray	e.	1		f
mail:	Exton, PA								_	Adia	iress:	y wan	30; K	OMA	N Go	vernm	ent S	olutio	ine, l	LLC											
hone:	RGregory@komengs.com	Purchase O	rder	#:	02607-	005			_		os Qu		a000	unts	Dava	able@	okor	nan	OS.C	om						_	R	legula	tory Ag	ency	-
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-		-	\$	8	DATE	TIME	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H2SO4		NaOH	Ne2S2O3	Methanol	Olher	Analyses lest	POC (VOCs by 524.2)	1,4-dioxane (522)		1 1						Residual Chlorina (Y/N)			
1	GAC-3S/4S (Seaman Neck GAC Efflu		DW	G	302			830	Ť	4	7		×		X	E	-	+		T	+	H	+	+	-	\vdash	+	Į.			
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	Sa	ample	Condition	on Upo	n Rece	WO#:70	213238
/ Pace Analytical *	Client N	ame:			Project	PM: KMM	Due Date: 05/12/2
<i>f</i>		KG 5				CLIENT: KGS	
Courier: Fed Ex UPS USPS Client	Commo	ercial [Pace Dthe	er			
Tracking #:						7 E	
Custody Seal on Cooler/Box Present: Ne	s No	Seals i	intact: 🗆 Ye	s No_E	N/A	Temperature Blank	Present: Yes No
Packing Material: Bubble Wrap Bubble		Ziploc +	plone □0t	her		Type of Ice: (We)	Blue None
Thermometer Used: TH091			r: + 0.1		[Samples on ice, cooli	ng process has begun
Cooler Temperature(°C):			ture Correct		.5	Date/Time 5035A ki	- ·
Temp should be above freezing to 6.0°C		·					4/1
USDA Regulated Soil (DN/A, water sample)			Date and	Initials of pe	erson examining conte	ents: KW 13 22
Did samples originate in a quarantine zone wi	ithin the U	nited Stat	es: AL, AR, CA	, FL, GA, ID.	LA, MS, NC.	Did samples orignate	from a foreign source
NM, NY, OK, OR, SC, TN, TX, or VA (check map)?		s \square No					Puerto Rico)? Yes X No
If Yes to either question, fill out a Regulate			-LI-C-0101 a	nd include	with SCUR/C		1 45/15/1105).
The second secon				1	2000 Mar	COMMENTS:	
Chain of Custody Present:	⊠Yes	□No		1.			
Chain of Custody Filled Out:	⊠Yes	□No		2			
Chain of Custody Relinquished:	Z Yes	□No		3.			
Sampler Name & Signature on COC:	Yes	□No	□N/A	4.			
Samples Arrived within Hold Time:	∠ Yes	□No		5.			
Short Hold Time Analysis (<72hr):	□Yes	No		6.			
Rush Turn Around Time Requested:	□Yes	ΣΝο		7.			
Sufficient Volume: (Triple volume provided for		□No		8.			
Correct Containers Used:	⊠Yes	□No		9.			
-Pace Containers Used:	⊠Yes	□No					
Containers Intact:	EXes	□No		10.			
Filtered volume received for Dissolved tests	□Yes	□No	□N/A	11.	Note if sedi	ment is visible in the dis	ssolved container.
Sample Labels match COC:	Yes	□No		12.			oon oo oon an oo
-Includes date/time/ID/ Matrix: SL WT							
All containers needing preservation have been		□No	□N/A	13.	□ HNO ₃	□H ₂ SO ₄ □NaOH	I □ HCI
checked?					•		
pH paper Lot # LV75724							
All containers needing preservation are found	to be			Sample #	ŧ		
in compliance with method recommendation?	?						
(HNO₃, H₂SO₄, HCl, NaOH>9 Sulfide,	□Yes	□No	□N/A				
NAOH>12 Cyanide)							
Exceptions: VOA Coliform, TOC/DOC, Oil and G	rease,						
DRO/8015 (water).				Initial whe	en completed:	Lot # of added	Date/Time preservative
Per Method, VOA pH is checked after analysis						preservative:	added:
Samples checked for dechlorination:	□Yes	□No	DN/A	14.			
KI starch test strips Lot #			,				
Residual chlorine strips Lot #					Positive for Re	s. Chlorine? Y N	
SM 4500 CN samples checked for sulfide?	□Yes	□No	✓ON/A	15.			-
Lead Acetate Strips Lot #					Positive for Su	lfide? Y N	
Headspace in VOA Vials (>6mm):	□Yes	ZNo	□N/A	16.			
Trip Blank Present:	□Yes	□No	□N/A	17.			
Trip Blank Custody Seals Present	□Yes	□No	≠ N/A				
Pace Trip Blank Lot # (if applicable):				ļ			
Client Notification/ Resolution:				Field Data	Required?	Y / N	
Person Contacted:					Date/Time:	,	
Comments/ Resolution:							

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





May 19, 2022

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

RE: Project: BACT 5/17

Pace Project No.: 70214968

Dear Robert Gregory:

Enclosed are the analytical results for sample(s) received by the laboratory on May 17, 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

Kimberley Mack.

(631)694-3040

Project Manager

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC



(631)694-3040



CERTIFICATIONS

Project: BACT 5/17
Pace Project No.: 70214968

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747 Connecticut Certification #: PH-0435 Delaware Certification # NY 10478 Maryland Certification #: 208

Massachusetts Certification #: M-NY026 New Hampshire Certification #: 2987 New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350 Rhode Island Certification #: LAO00340

Virginia Certification # 460302



SAMPLE SUMMARY

Project: BACT 5/17
Pace Project No.: 70214968

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70214968001	GAC-3S/4S-VESSEL#100-0	Drinking Water	05/17/22 06:35	05/17/22 10:45
70214968002	GAC-3S/4S-VESSEL#100-2	Drinking Water	05/17/22 06:37	05/17/22 10:45
70214968003	GAC-3S/4S-VESSEL#100-5	Drinking Water	05/17/22 06:40	05/17/22 10:45
70214968004	GAC-3S/4S-VESSEL#100-10	Drinking Water	05/17/22 06:45	05/17/22 10:45
70214968005	GAC-3S/4S-VESSEL#100-30	Drinking Water	05/17/22 07:05	05/17/22 10:45



SAMPLE ANALYTE COUNT

Project: BACT 5/17
Pace Project No.: 70214968

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70214968001	GAC-3S/4S-VESSEL#100-0	SM22 9223B Colilert	SDO	2
70214968002	GAC-3S/4S-VESSEL#100-2	SM22 9223B Colilert	SDO	2
70214968003	GAC-3S/4S-VESSEL#100-5	SM22 9223B Colilert	SDO	2
70214968004	GAC-3S/4S-VESSEL#100-10	SM22 9223B Colilert	SDO	2
70214968005	GAC-3S/4S-VESSEL#100-30	SM22 9223B Colilert	SDO	2

PACE-MV = Pace Analytical Services - Melville

(631)694-3040



ANALYTICAL RESULTS

Project: BACT 5/17
Pace Project No.: 70214968

Date: 05/19/2022 12:28 PM

Sample: GAC-3S/4S-VESSEL#100-0 Lab ID: 70214968001 Collected: 05/17/22 06:35 Received: 05/17/22 10:45 Matrix: Drinking Water

Report Reg.

Parameters Results Units 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
 05/17/22 18:25
 05/18/22 12:25

 E.coli
 Absent
 1
 05/17/22 18:25
 05/18/22 12:25

05/17/22 18:25 05/18/22 12:25

(631)694-3040



ANALYTICAL RESULTS

Project:	BACT 5/17
Pace Project No :	7021/068

Date: 05/19/2022 12:28 PM

Absent

E.coli

Sample: GAC-3S/4S-VESSEL#100-2 Lab ID: 70214968002 Collected: 05/17/22 06:37 Received: 05/17/22 10:45 Matrix: Drinking Water Report Reg. Parameters Results Units Limit Limit DF CAS No. Prepared Analyzed Qual Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert **MBIO Total Coliform DW** Pace Analytical Services - Melville **Total Coliforms Absent** 05/17/22 18:25 05/18/22 12:25

(631)694-3040



ANALYTICAL RESULTS

Project: BACT 5/17
Pace Project No.: 70214968

Date: 05/19/2022 12:28 PM

Sample: GAC-3S/4S-VESSEL#100-5 Lab ID: 70214968003 Collected: 05/17/22 06:40 Received: 05/17/22 10:45 Matrix: Drinking Water

Report Reg.

Parameters Results Units 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
 05/17/22 18:25
 05/18/22 12:25

 E.coli
 Absent
 1
 05/17/22 18:25
 05/18/22 12:25

CAS No.

Analyzed

Qual



ANALYTICAL RESULTS

Project: **BACT 5/17** Pace Project No.: 70214968

Parameters

Sample: GAC-3S/4S-VESSEL#100-Lab ID: 70214968004 Collected: 05/17/22 06:45 Received: 05/17/22 10:45 Matrix: Drinking Water

10

Date: 05/19/2022 12:28 PM

Report Reg. Limit

DF

Prepared

MBIO Total Coliform DW Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert

Limit

Pace Analytical Services - Melville

Units

Results

Total Coliforms Absent 05/17/22 18:25 05/18/22 12:25 E.coli **Absent** 05/17/22 18:25 05/18/22 12:25

CAS No.

Qual



ANALYTICAL RESULTS

Project: **BACT 5/17** Pace Project No.: 70214968

Sample: GAC-3S/4S-VESSEL#100-Lab ID: 70214968005 Collected: 05/17/22 07:05 Received: 05/17/22 10:45 Matrix: Drinking Water

MBIO Total Coliform DW

Date: 05/19/2022 12:28 PM

Report Reg.

Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert

DF

Prepared

Results Units Limit **Parameters** Limit

Analyzed

Pace Analytical Services - Melville

Total Coliforms Absent 05/17/22 18:25 05/18/22 12:25 E.coli **Absent** 05/17/22 18:25 05/18/22 12:25



Project: BACT 5/17
Pace Project No.: 70214968

E.coli

Total Coliforms

Date: 05/19/2022 12:28 PM

QC Batch: 257120 Analysis Method: SM22 9223B Colilert

QC Batch Method: SM22 9223B Colilert Analysis Description: TotColDW MBIO Total Coliform

Laboratory: Pace Analytical Services - Melville

05/18/22 12:25

 $Associated\ Lab\ Samples: \quad 70214968001,\ 70214968002,\ 70214968003,\ 70214968004,\ 70214968005$

METHOD BLANK: 1298707 Matrix: Drinking Water

Associated Lab Samples: 70214968001, 70214968002, 70214968003, 70214968004, 70214968005

Blank Reporting

Parameter Units Result Limit Analyzed Qualifiers

Absent 05/18/22 12:25

Absent

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



QUALIFIERS

Project: BACT 5/17
Pace Project No.: 70214968

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.

Date: 05/19/2022 12:28 PM



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BACT 5/17
Pace Project No.: 70214968

Date: 05/19/2022 12:28 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70214968001	GAC-3S/4S-VESSEL#100-0	SM22 9223B Colilert	257120	SM22 9223B Colilert	257385
70214968002	GAC-3S/4S-VESSEL#100-2	SM22 9223B Colilert	257120	SM22 9223B Colilert	257385
70214968003	GAC-3S/4S-VESSEL#100-5	SM22 9223B Colilert	257120	SM22 9223B Colilert	257385
70214968004	GAC-3S/4S-VESSEL#100-10	SM22 9223B Colilert	257120	SM22 9223B Colilert	257385
70214968005	GAC-3S/4S-VESSEL#100-30	SM22 9223B Colilert	257120	SM22 9223B Colilert	257385



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

WO#:70214968

Section	A Client Information:	Section E Required F		t Infon	mation;					Secti Invoice	on C a Inform	nation:								70	214	968	3	II II		10 10	11		
Compan	KOMAN Government Solutions, LLC	Report To:	Step	hane	Roy					Attent			ounts	T															
Address:	180 Gordon Dr., Suite 110	Сору То:	DOH	1						Comp	any Na	me: }	(OM/	AN G	oven	nmer	nt S	olutio	ns, LL	REC	BULA	TOR	Y AG	ENC	Y				
	Exton, PA								┪	Addre	39;	acco	ounts	рауа	ble@	kom	ang	js.com	1	Г	NPD	ES	í-	GRO	UND	WATE	ER 🔽	DRINKIN	G WATER
Email To	sroy@komangs.com	Purchase (Order i	No.:						Pace C Refere		000	1675	8						F	UST		r	RCR/	A		F	OTHER	
Phone:	610-400-0622 Fax	Project Na	me:	NYA	W-MERF	RICK OF	S FACILI	TY	\neg	Pace F	roject	Stua	art M	urrell						Sit	e Loc	ation							
	ed Due Date/TAT:	Project Nu	mber:	0260	07-004				\dashv	Manag Pace F	er: Trofile #:				_	_	_			1	ST	ATE:	١.	N		_			
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	Section D Valid Matrix C Required Client Information MATRIX DRINGING Y/ATER	CODE	codes to left)	C=COMP)		COL	ECTED		z		-	Pres	erval	ives T	_	N/A	N	₩	+	ᆛ	+	+	Н	+	Н				
	WATER WASTE WATER PRODUCT SOIL/SOLID OIL	WT WW P SL OL	(see valid code	(G=GRAB C=(COMPO		COMPO END/GI	SITE RAB	COLLECTION	တ္သ						→	coli)									e (Y/N)			
*	SAMPLE ID WIPE AR OTHER SAMPLE IDS MUST BE UNIQUE TISSUE	WP AR OT TS	CODE	ТУРЕ					E TEMP AT	CONTAINERS	Unpreserved H-SO,	* Les		,2O ₃	anol	Analysis Test	ert (Fecal/Ecoli)	. 1								Residual Chlorine			
ITEM #			MATRIX	SAMPLE	DATE	ПМЕ	DATE	TIME	SAMPL	# #	Unpres H.SO.	NS.		Na ₂ S ₂ O ₃	Metha	₹	Colilert	Ц		Ц			Ц	_	Ш	Resi	Pace	Project N	o./ Lab I.D.
1	GAC-3S/4S-Vessel#100-0		DW	G			5.17.22	6:35		1	X	\sqcup	_	\sqcup	4		×	\Box	_	11	_	+	Н	_	Н	H			
2	GAC-3S/4S-Vessel#100-2		DW	G			-1742		_	1	X	\sqcup	_	Н	4	-	×	+	_	\sqcup	4	+	Н	+	\vdash	Н	_		
3	GAC-3S/4S-Vessel#100-5		DW	G			17.22	6:40	_	1	×	\dashv	+	Н	+	4	Ľ	+-+	+	+	+	+-	\dashv	+	+	H			
4	GAC-3S/4S-Vessel#100-10		DW	G			17.72	6:45		1	X	\dashv	+	Н	-	-	Ľ	+	-	+	-	+	\vdash	+	+	₽			
5	GAC-3S/4S-Vessel#100-30		DW	G			5-17-12	7'05	_	1	X	+	-	Н	+	-	Ľ	+	+	+	+	+	H	+	┿	H			
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9			⊢	\vdash		-	+		H	-	╁┼	+	╅	+	+	1	H	+	+	+	-	+	H	+	+	H			
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11			1	╁		-			H	i	+	+	+	+	+	1	H	+	\pm	Н	\dashv	+	H	+	+	Ħ			
12	ADDITIONAL COMMENTS		REL	INOU	ISHED BY	/ AFFILIA	пом	DATE		1	IME	1	_	AC	CEPT	ED BY	Y / A	FFILIA	TION		DA	ATE		IME	T		SAMP	LE CONDIT	IONS
	ADDITIONAL COMMENTS	(D)	_	1		ns		517:	14		-	+	1	10/	P	10	N	/			511	17	10	UE	0	1,6	W	1/	7
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Page 13 of 15							PRINT Nar	ne of SAMF	-1	-	dy Ho	ffmas	1.11) <	7			DATE S			51	2. 4.	00	7	-	Temp in °C	Received or Ice (Y/N)	Custody Sealed Coole (Y/N)	Samples Intact (Y/N)
15	"Important Note: By signing this form you are accepting	Pace's NET	30 day	payme	ent terms and	agreeing to			- /	XC	waice r	not paid		80 day		h	L	(MM/DI	D/YY):	-	5 - 1	100	-0	_	F-	-ALL-C		08, 12-Oct-	

	SOC	_
DG9T	40mL Na Thio amber vial	2
DG9A	40mL Ascorbic acid vials	2
DG9Y	Citrate/Na Thiosulfate 40mL	2
DG6T	Na Thiosulfate 60mL vial	1
AG3U	250mL unpres amber glass	
AG3T	Na Thiosulfate 250mL bottle	
BP1B	Na Thiosulfate Amber bottle	
AG1T	Na Thiosultate 1L Amber	2
AG1A	(NH4CL)	2

	SOC	
DG9T	40mL Na Thio amber vial	2
DG9A	40mL Ascorbic acid vials	2
DG9Y	Citrate/Na Thiosulfate 40mL	2
DG6T	Na Thiosullate 60mL vial	1
AG3U	250mL unpres amber glass	
AG3T	Na Thiosulfate 250mL bottle	
BP1B	Na Thiosullate Amber bottle	
AG1T	Na Thiosultate 1L Amber	2

WG9O Boz clear soil jar

WG40 4oz clear soil jar

Additional Comments

AG1A

(NH4CI)

BP35

BP3R

BP1Z

BP1N BP1B 250mL Ammonlum Acetate

Na Thiosulfate Amber Bottle

250mL NH4SO4-NH4OH

1L NaOH, Zn Acetele

1L HNO3 plastic

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Pace Analytical "	Client N				PM: KMM		: 05/24/22
		qS			CLIENT: K		37/24/22
Courier: 🗆 Fed Ex 🔲 UPS 🗀 USPS 📈 Client		ercial 🗆	ace 🗍 the	i.	CLIENI: N	.05	
Capting #.			- Magazas		4.71	Tananantura Diseb De	
Custody Seal on Cooler/Box Present: \(\square\)	es No	Seals in	itact: Yes	s No		Temperature Blank Pr Type of Ice: Wet Bl	
Packing Material: Bubble Wrap Bubbl	e Bags 🔲	Ziploc _	Nous Plan	iei			
Thermometer Used: TH091	Correct	ion Factor	: + ().1			Samples on ice, cooling	
Cooler Temperature(°C): D.6	Cooler	Temperatu	ire Correcti	ed(°C):	0.7	Date/Time 5035A kits	biaceo in Treezer
Temp should be above freezing to 6.0°C						• •	COM ME
USDA Regulated Soil (🔲 N/A, water sampl	e)					son examining content	s. Diteu in
Did samples originate in a quarantine zone v	vithin the U	nited State	es: AL, AR, CA	, FL, GA, ID,	LA, MS, NC,	Did samples orignate fr	om a foreign source
	2 1 1 1 1 1	c i inin				including Hawaii and Pu	ierto Rico)? 니 YesAŲ N
NM, NY, UK, UR, SC, TN, TX, or VA (check map) If Yes to either question, fill out a Regula	ted Soil Ch	ecklist (F	-LI-C-010) a	nd include	with SCUR/CO	C paperwork.	
in too to oration quodadit, int out a ring						COMMENTS:	
Chain of Custody Present:	ElVes	□No		1.			
Chain of Custody Filled Out:	Dives	□No		2.			
Chain of Custody Relinquished:	Pires	□No		3.			
Sampler Name & Signature on COC:	∠EY'es	□No	□N/A	4.			
Samples Arrived within Hold Time:	Mes	□No		5.			
Short Hold Time Analysis (<72hr):	_EY'es	□No		6.			
Rush Turn Around Time Requested:	□Yes	_D#6		7.			
Sufficient Volume: (Triple volume provided fo	or læYês	□No		8.			
Correct Containers Used:	-ETYes	□No		9.		-	
-Pace Containers Used:	∠ TYes	□No					
Containers Intact:	∠⊒Yes	□No		10.		the state of the s	-Ldepotainer
Filtered volume received for Dissolved tests	yes	□No	-EIN/A	11.	Note it sedim	ent is visible in the diss	DIVEO CONTAINEL.
Sample Labels match COC:	D Yes	□No		12.			
-Includes date/time/ID/Matrix: SL(WI				17	D (INO	□H _z SO ₄ □NaOH	☐ HCI
All containers needing preservation have be	en □Yes	□Ио		13.	□ HNO³	□ n ₂ 304 □ Naon	<u> </u>
checked?							
pH paper Lot #	ed to be			Sample	#		
All containers needing preservation are fou	າດໃ						
in compliance with method recommendation	∪Yes	□No	ÆN/A				
(HNO3, H2SO4, HCl, NaOH>9 Sulfide,	1163	<u> </u>					
NAOH>12 Cyanide) Exceptions: VOA Coliform, TOC/DOC, Oil and	Grease						
DRO/8015 (water).	DI Ed30,			Initial wh	nen completed:	Lot # of added	Date/Time preservativ
Per Method, VOA pH is checked after analys	sis					preservative:	added:
Samples checked for dechlorination:	□Yes	□No	_EN7A	14.			
KI starch test strips Lot #							
Residual chlorine strips Lot #					Positive for Re	s. Chlorine? Y N	
SM 4500 CN samples checked for sulfide?	□Yes	□No	_BM/A	15.			
Lead Acetate Strips Lot #					Positive for Sul	fide? Y N	
Headspace in VOA Vials (>6mm):	□Yes	□No	_DN/A	16.			
Trip Blank Present:	□Yes	□No	-EN/A	17.		19	
Trip Blank Custody Seals Present	□Yes	□No	AMEL				
Pace Trip Blank Lot # (if applicable):							
Client Notification/ Resolution:				Field Da	ta Required?	Y / N	
Person Contacted:					Date/Time:		
Comments/ Resolution:							
					0		
V =							

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





May 19, 2022

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

RE: Project: BACT 5/17

Pace Project No.: 70214967

Dear Robert Gregory:

Enclosed are the analytical results for sample(s) received by the laboratory on May 17, 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

Kimberley Mack.

(631)694-3040

Project Manager

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC





CERTIFICATIONS

Project: BACT 5/17
Pace Project No.: 70214967

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747 Connecticut Certification #: PH-0435 Delaware Certification # NY 10478 Maryland Certification #: 208

Massachusetts Certification #: M-NY026 New Hampshire Certification #: 2987 New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350 Rhode Island Certification #: LAO00340

Virginia Certification # 460302



SAMPLE SUMMARY

Project: BACT 5/17
Pace Project No.: 70214967

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70214967001	GAC-3S/4S-VESSEL#200-0	Drinking Water	05/17/22 07:15	05/17/22 10:45
70214967002	GAC-3S/4S-VESSEL#200-2	Drinking Water	05/17/22 07:17	05/17/22 10:45
70214967003	GAC-3S/4S-VESSEL#200-5	Drinking Water	05/17/22 07:20	05/17/22 10:45
70214967004	GAC-3S/4S-VESSEL#200-10	Drinking Water	05/17/22 07:25	05/17/22 10:45
70214967005	GAC-3S/4S-VESSEL#200-30	Drinking Water	05/17/22 07:45	05/17/22 10:45



SAMPLE ANALYTE COUNT

Project: BACT 5/17
Pace Project No.: 70214967

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70214967001	GAC-3S/4S-VESSEL#200-0	SM22 9223B Colilert	SDO	2
70214967002	GAC-3S/4S-VESSEL#200-2	SM22 9223B Colilert	SDO	2
70214967003	GAC-3S/4S-VESSEL#200-5	SM22 9223B Colilert	SDO	2
70214967004	GAC-3S/4S-VESSEL#200-10	SM22 9223B Colilert	SDO	2
70214967005	GAC-3S/4S-VESSEL#200-30	SM22 9223B Colilert	SDO	2

PACE-MV = Pace Analytical Services - Melville



ANALYTICAL RESULTS

Project: BACT 5/17
Pace Project No.: 70214967

Date: 05/19/2022 12:27 PM

Sample: GAC-3S/4S-VESSEL#200-0 Lab ID: 70214967001 Collected: 05/17/22 07:15 Received: 05/17/22 10:45 Matrix: Drinking Water

Report Reg.

Parameters Results Units Limit 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



ANALYTICAL RESULTS

Project: BACT 5/17
Pace Project No.: 70214967

MBIO Total Coliform DW

Date: 05/19/2022 12:27 PM

Sample: GAC-3S/4S-VESSEL#200-2 Lab ID: 70214967002 Collected: 05/17/22 07:17 Received: 05/17/22 10:45 Matrix: Drinking Water

Report Reg.

Parameters Results Units Limit Limit DF Prepared Analyzed CAS No. Qual

Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert

Pace Analytical Services - Melville



ANALYTICAL RESULTS

Project: BACT 5/17
Pace Project No.: 70214967

Date: 05/19/2022 12:27 PM

Sample: GAC-3S/4S-VESSEL#200-5 Lab ID: 70214967003 Collected: 05/17/22 07:20 Received: 05/17/22 10:45 Matrix: Drinking Water

Report Reg.

Parameters Results Units Limit 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

CAS No.

Analyzed

Qual



ANALYTICAL RESULTS

Project: **BACT 5/17** Pace Project No.: 70214967

Parameters

Sample: GAC-3S/4S-VESSEL#200-Lab ID: 70214967004 Collected: 05/17/22 07:25 Received: 05/17/22 10:45 Matrix: Drinking Water

Limit

10

Date: 05/19/2022 12:27 PM

Report Reg. Limit

DF

Prepared

MBIO Total Coliform DW Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert

Pace Analytical Services - Melville

Units

Results

Total Coliforms Absent 05/17/22 18:25 05/18/22 12:25 E.coli **Absent** 05/17/22 18:25 05/18/22 12:25

CAS No.

Analyzed

(631)694-3040

Qual



ANALYTICAL RESULTS

Project: **BACT 5/17** Pace Project No.: 70214967

Parameters

Sample: GAC-3S/4S-VESSEL#200-Lab ID: 70214967005 Collected: 05/17/22 07:45 Received: 05/17/22 10:45 Matrix: Drinking Water

Limit

Date: 05/19/2022 12:27 PM

Report Reg. Limit

DF

Prepared

MBIO Total Coliform DW Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert

Pace Analytical Services - Melville

Units

Results



QUALITY CONTROL DATA

Project: BACT 5/17
Pace Project No.: 70214967

Total Coliforms

Date: 05/19/2022 12:27 PM

QC Batch: 257120 Analysis Method: SM22 9223B Colilert

QC Batch Method: SM22 9223B Colilert Analysis Description: TotColDW MBIO Total Coliform

Laboratory: Pace Analytical Services - Melville

05/18/22 12:25

Associated Lab Samples: 70214967001, 70214967002, 70214967003, 70214967004, 70214967005

METHOD BLANK: 1298707 Matrix: Drinking Water

Associated Lab Samples: 70214967001, 70214967002, 70214967003, 70214967004, 70214967005

Blank Reporting

Absent

Parameter Units Result Limit Analyzed Qualifiers

E.coli Absent 05/18/22 12:25

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



QUALIFIERS

Project: BACT 5/17
Pace Project No.: 70214967

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.

Date: 05/19/2022 12:27 PM



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BACT 5/17
Pace Project No.: 70214967

Date: 05/19/2022 12:27 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70214967001	GAC-3S/4S-VESSEL#200-0	SM22 9223B Colilert	257120	SM22 9223B Colilert	257385
70214967002	GAC-3S/4S-VESSEL#200-2	SM22 9223B Colilert	257120	SM22 9223B Colilert	257385
70214967003	GAC-3S/4S-VESSEL#200-5	SM22 9223B Colilert	257120	SM22 9223B Colilert	257385
70214967004	GAC-3S/4S-VESSEL#200-10	SM22 9223B Colilert	257120	SM22 9223B Colilert	257385
70214967005	GAC-3S/4S-VESSEL#200-30	SM22 9223B Colilert	257120	SM22 9223B Colilert	257385

WO#:70214967

CHAIN-OF-CUSTODY / Analytical Request Document

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

8 7	70214967												Section C Invoice Information:									Page: of							
Compar	y: KOMAN Government Solutions, LLC								-	Atten			COUL	its P	ayat	ole	-		-						1	-	-		
Address	: 180 Gordon Dr., Suite 110	Сору То:	DO	H	-		-			Com	pany N	lame:	KO	MAN	I Gov	vemr	ment	Solu	utions.	Ш.	LL REGULATORY AGENCY								
	Exton, PA			-						Address: accountspayable@komangs.com														NO MATER					
Email To	sroy@komangs.com	Purchase	Order	No.:						Pace	Quote		0167	<u> </u>		٠,٠٠				-	NPDES GROUND WATER DRINKING WATER								
Phone:	610-400-0622 Fax	Project Na	ime:	NYA	AW-MERI	RICK OF	S FACIL	ITY	-	Refere	nce: Project		uart l	-	oll			_		-		JST			RCRA		30000000	OTHER	
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	Section D Valid Matrix C Required Client Information MATRIX	CODE	€	₩ MP		COLL	ECTED			Preservatives				N X	N														
	DRINGING WATER WATER WASTE WASTE WASTE PRODUCT SOIL/SOLID OIL SAMPLE ID WIPE		(see valid codes to left)	(G=GRAB C=COMP)	COMPA STAR		COMPO	DSITE IPAB	COLLECTION	RS							1									- Comm	(YE)	ann suuunn	
ITEM#	(A-Z, 0-9 / ,-) AIR OTHER	AR OT TS	MATRIX CODE	SAMPLE TYPE (DATE	TIME	DATE	ПМЕ	SAMPLE TEMP AT	# OF CONTAINERS	Unpreserved	HNO ₃	HC	Nach Nacs,O ₃	Methanol	1.	Analysis Test	Colilert (Fecal/Ecoli)								Dockbod Official WAN	Pac	a Project (No./ Lab I.D.
1	GAC-3S/4S-Vessel#200-0		DW	=		- 3		7:15		1	x	+	H	+	Ħ	T	-	×	\dagger	\dashv	+	Ħ	十	+	-	-	100	o i rojecti	10.7 Equi 1.D.
2	GAC-3S/4S-Vessel#200-2		DW	G		3	17.22			1	x	\top	\Box	1	П	П	- 1-	×	\top	\dashv	_	Ħ	\top	+			†		
3	GAC-3S/4S-Vessel#200-5		DW	G			17-22			1	x	П	П	T	\sqcap	П	- 1	x	\top	\forall	1	Ħ	_	1	\top	\vdash	1		
4	GAC-3S/4S-Vessel#200-10		DW	G			17.02			1	x	П	П	T	П			x	\top		1	\Box	\top	1		\vdash	1		
5	GAC-3S/4S-Vesse##200-30		DW	G			عد. ۱۲،			1	x		\Box		\sqcap		- 17	x	T	\neg	T	\sqcap	十	\top	П	H	1	-	
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Page 13 of 15				-		SAMPLE	R NAME /	AND SIGNA	ATU	RE	_							-	-	*****				-	-		-	- B	ag d
13 c							PRINT Nam	e of SAMPL	ER:	Renc	ly Ho	ffmas	ter	-	-	-	_		98		_					Temp in °C	Ved o	I Cool	85 € 34 (§
SIGNATURE of SAMPL									ER:	26	nf	Ho	4	mes	_	3	I		Signe DD/YY		5./	175	20	25	2	Тет	Received on Ice (Y/N)	Custody Sealed Coole (Y/N)	Semples Intact (Y/N)
	"Important Note: By signing this form you are accepting P	'ace's NET 3	0 day p	aymen	t terms and a	gneeing to la	te charges of	1.5% per mon	in for	any inv	bices n	ot paid	within	3D day	ys.			SIGNATURE of SAMPLER: Some (MM/DD/YY): 5// 2022 F *Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invitices not paid within 30 days. F-ALL-C											

	Gla	355			Plastic	Misc.			
VG9U	40mL unpres clear vial	AG4U	125mL unpres amber glass	BP4U	125mL unpreserved plastic	SP5T	120mL Collform Na Thio		
VG9C	40mL Ascorbic-HCl clear vial	AG3U	250mL unpres amber glass	8P3U	250mL unpreserved plastic	R	Terracore Kit		
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass	BP2U	500mL unpreserved plastic	WG2U	2oz Unpreserved Jar		
VG9S	40mL Sulfuire clear vial	AG1U	fliter unpres amber glass	BP1U	1L unpreserved plastic	WGFU	4oz Unpreserved Jar		
DG9T	40mL Na Thiosulfale vial	AG34	Ammonium CI 250mL bottle	BP4N	125mL HNO3 plastic	WGKU	Boz Unpreserved Jar		
DG9Y	40mL Citrate-Na Thiosulfate	AG3S	250mL H2SO4 amber glass	BP3N	250mL HNO3 plastic	WGDU	16oz Unpreserved Jar		
DG9P	40mL amber vial - TSP	AG4E	125mL EDA amber glass	BP2N	500mL HNO3 plastic	ZPLC	Ziplock Bag		
DG9A	Ascorbic/Maleic Acld 40mL	AG3T	250mL Na Thio amber glass	BP3S	250ml, H2SO4 plastic	TEDL	Tedler Bag		
OG6T	Na Thio 60mL Visi	AG2R	Na Sullite 500mL (blue Cap)	BP2S	500mL H2SO4 plastic	BG1H	1L HCL Clear Glass		
DG9S	Ammonium CI/CuSO4 40mL	AG1T	Na Thiosulfate 1L bottle	BP3C	NaOH 250mL bottle	GN	General		
CG1U	1L Unpres Jar (Con Ed)	AG1H	1L HCl amber glass	BP3T	250mL Trizma	WP	Wipe		
		AG1A	(NH4CI)	BP35	250mL Ammonium Acetate				
WG9O	8oz clear soil jar			BP3R	250mL NH4SO4-NH4OH				
WG40	4oz clear soil jar			BP1Z	1L NaOH, Zn Acetate				
		J		BP1N	1L HNO3 plastic]			
				BP1B	Na Thiosulfate Amber Bottle	Ţ.			

	100
BP1U	1L unpreserved plastic
BP3N*	250mL HNO3 plastic
BP3C	250mL Sodium Hydroxlde
AG2U	500mL unpres amber glass

_				
· Can	nleo	he	•	DOAR

WT	Water
SL	Solid
NAL	Non-aqueous Liquid
OL	OIL
WP	Wipe
DW	Drinking Water

	SOC	_
DG9T	40mL Na Thio amber vial	2
DG9A	40mL Ascorbic acid vials	2
DG9Y	Citrate/Na Thiosullate 40mL	2
DG6T	Na Thiosullate 60mL vial	1
AG3U	250mL unpres amber glass	
AG3T	Na Thiosulfate 250mL bottle	
BP1B	Na Thiosullate Amber bottle	5
AG1T	Na Thiosultate 1L Amber	2
AG1A	(NH4CL)	2

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ENV-FRM-ORMA-0001, Rev 01

	Sa	ample	Conditio	on Upi	on Receipt	WO#: 70	214967
Pace Analytical	Client N	lame: 🍃	0 1/110		Project 📑	PM: KMM	Due Date: 05/24/2
	Comm	occial [/////// Pace □the	er .		CLIENT: KGS	
Courier: Fed Ex UPS USPS Colient	. LLUHIIII	erciai L	acc				
Tracking #:Custody Seal on Cooler/Box Present:Y	(10	Coale in	tact: TYpe	s No	ON/A	Temperature Blank	Present: OYes No
Custody Seal on Cooler/Box Present:	es, INU	Jioloe G	Mone CIDIL	her	C	Type of Ice: (We)	
Packing Material: Bubble Wrap Bubbl	e Bays	JZIPIOC J	: + 0.1		= [ling process has begun
Thermometer Used: TH091	-Correct	tion ractor	re Correcti	ed(°C)-	カーフ	200000000000000000000000000000000000000	its placed in freezer
Cooler Temperature(°C): 0.6	- Coolei	remperaci	JIE COLIECG	eut of.	OFI	-	C11
Temp should be above freezing to 6.0°C USDA Regulated Soil (\square N/A, water sample	e)			Date a	nd Initials of per	son examining cont	
Did samples originate in a quarantine zone v	vithin the l	Jnited State	es: AL, AR, CA	, FL, GA, I	D, LA, MS, NC,	Did samples orignat	e from a foreign source
MM NV OV OD SC TNI TV oc VA (check man)	2 Ye	os UNo				including Hawaii and	l Puerto Rico]? ☐ Yes🎗 No
If Yes to either question, fill out a Regula	ted Soil Cl	necklist (F	-L1-C-010) a	nd inclu	de with SCUR/CO	C paperwork.	
						COMMENTS:	
Chain of Custody Present:	ElYes	□No		1			
Chain of Custody Filled Out:	EYes	□No		2.			
Chain of Custody Relinquished:	ElYes	□No		3.			
Sampler Name & Signature on COC:	∠EYes	□No	□N/A	4.			
Samples Arrived within Hold Time:	Mes	□No		5.			
Short Hold Time Analysis (<72hr):	es	□No		6.			
Rush Turn Around Time Requested:	□Yes	₽#fô		7.			
Sufficient Volume: (Triple volume provided for		□No		8.	50.0		
Correct Containers Used:	-El Yes	□No		9.			
-Pace Containers Used:	∠ □Yes	□No					
Containers Intact:	∠e/Yes	□No		10.			
Filtered volume received for Dissolved tests		□No	-EN/A	11.	Note if sedin	nent is visible in the d	lissolved container.
Sample Labels match COC:	→ D¥es	□No		12.		*	
-Includes date/time/ID/Matrix: SL(WT	1-						
All containers needing preservation have be		□No	DAY/A	13.	□ HNO ₃	□H ₂ SO ₄ □NaC	OH CHCI
checked?							
pH paper Lot #				1.			
All containers needing preservation are four				Samp	le#		
in compliance with method recommendatio	in?		1.				
(HNO3, H2SO4, HCl, NaOH>9 Sulfide,	□Yes	□No	ÆN/A	1			
NAOH>12 Cyanide)				1			
Exceptions: VOA Coliform, DC/DOC, Oil and	Grease,			*******		lean cara	Date/Time preservative
DRO/8015 (water).				Initial	when completed:		added:
Per Method, VOA pH is checked after analys				-		preservative:	added:
Samples checked for dechlorination:	□Yes	□No	_EN/A	14.			
KI starch test strips Lot #					0 % - 60-	- Chi-dagay N	
Residual chlorine strips Lot #				15	Positive for Re	s. Chlorine? Y N	
SM 4500 CN samples checked for sulfide?	□Yes	□No		15.	5 ::	1010 V V	
Lead Acetate Strips Lot #			50-20 4	-	Positive for Su	llfide? Y N	
Headspace in VOA Vials (>6mm):	□Yes	□No	_BM/A	16.			
Trip Blank Present:	□Yes	□No	-en/a	17.			
Trip Blank Custody Seals Present	□Yes	⊡No		i			
Pace Trip Blank Lot # (if applicable):						· · · · · ·	
Client Notification/ Resolution:				Field (Data Required?	Y / 1	
Person Contacted:					Date/Time:		
							

ENV-FRM-MELV-0024 01

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





May 19, 2022

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

RE: Project: BACT 5/17

Pace Project No.: 70214969

Dear Robert Gregory:

Enclosed are the analytical results for sample(s) received by the laboratory on May 17, 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

Kimberley Mack.

(631)694-3040

Project Manager

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC





CERTIFICATIONS

Project: BACT 5/17
Pace Project No.: 70214969

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747 Connecticut Certification #: PH-0435 Delaware Certification # NY 10478 Maryland Certification #: 208

Massachusetts Certification #: M-NY026 New Hampshire Certification #: 2987 New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350 Rhode Island Certification #: LAO00340

Virginia Certification # 460302



SAMPLE SUMMARY

Project: BACT 5/17
Pace Project No.: 70214969

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70214969001	N-08480(SEAMAN NECK3WELL)-0	Drinking Water	05/17/22 09:05	05/17/22 10:45
70214969002	N-08480(SEAMAN NECK3WELL)-2	Drinking Water	05/17/22 09:07	05/17/22 10:45
70214969003	N-08480(SEAMAN NECK3WELL)-5	Drinking Water	05/17/22 09:10	05/17/22 10:45
70214969004	N-08480(SEAMAN NECK3WELL)- 10	Drinking Water	05/17/22 09:15	05/17/22 10:45
70214969005	N-08480(SEAMAN NECK3WELL)- 30	Drinking Water	05/17/22 09:35	05/17/22 10:45
70214969006	N-08480(SEAMAN NECK3WELL)- 30-D	Drinking Water	05/17/22 09:37	05/17/22 10:45



SAMPLE ANALYTE COUNT

Project: BACT 5/17
Pace Project No.: 70214969

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70214969001	N-08480(SEAMAN NECK3WELL)-0	SM22 9223B Colilert	SDO	2
70214969002	N-08480(SEAMAN NECK3WELL)-2	SM22 9223B Colilert	SDO	2
70214969003	N-08480(SEAMAN NECK3WELL)-5	SM22 9223B Colilert	SDO	2
70214969004	N-08480(SEAMAN NECK3WELL)-10	SM22 9223B Colilert	SDO	2
70214969005	N-08480(SEAMAN NECK3WELL)-30	SM22 9223B Colilert	SDO	2
70214969006	N-08480(SEAMAN NECK3WELL)-30-D	SM22 9223B Colilert	SDO	2

PACE-MV = Pace Analytical Services - Melville

CAS No.

Analyzed

Qual



ANALYTICAL RESULTS

Project: **BACT 5/17** Pace Project No.: 70214969

Parameters

Date: 05/19/2022 12:29 PM

Sample: N-08480(SEAMAN Lab ID: 70214969001 Collected: 05/17/22 09:05 Received: 05/17/22 10:45 Matrix: Drinking Water

Limit

NECK3WELL)-0

Results

Report Reg. Limit

DF

Prepared

MBIO Total Coliform DW Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert

Pace Analytical Services - Melville

Units



ANALYTICAL RESULTS

Project: **BACT 5/17** Pace Project No.: 70214969

MBIO Total Coliform DW

Date: 05/19/2022 12:29 PM

Sample: N-08480(SEAMAN Lab ID: 70214969002 Collected: 05/17/22 09:07 Received: 05/17/22 10:45 Matrix: Drinking Water

NECK3WELL)-2

Report Reg.

Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert

Parameters Results Units Limit

DF CAS No. Qual Limit Prepared Analyzed

Pace Analytical Services - Melville

CAS No.

Analyzed

Qual



ANALYTICAL RESULTS

Project: **BACT 5/17** Pace Project No.: 70214969

Sample: N-08480(SEAMAN Lab ID: 70214969003 Collected: 05/17/22 09:10 Received: 05/17/22 10:45 Matrix: Drinking Water

Limit

NECK3WELL)-5

Parameters

MBIO Total Coliform DW

Date: 05/19/2022 12:29 PM

Report Reg. Limit

Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert

DF

Prepared

Pace Analytical Services - Melville

Units

Results



ANALYTICAL RESULTS

Project: BACT 5/17
Pace Project No.: 70214969

Date: 05/19/2022 12:29 PM

Sample: N-08480(SEAMAN Lab ID: 70214969004 Collected: 05/17/22 09:15 Received: 05/17/22 10:45 Matrix: Drinking Water

NECK3WELL)-10

Report Reg.

Parameters Results Units Limit 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

CAS No.

Analyzed

Qual



ANALYTICAL RESULTS

Project: **BACT 5/17** Pace Project No.: 70214969

Parameters

Date: 05/19/2022 12:29 PM

Sample: N-08480(SEAMAN Lab ID: 70214969005 Collected: 05/17/22 09:35 Received: 05/17/22 10:45 Matrix: Drinking Water

Limit

NECK3WELL)-30

Report Reg. Limit

DF

Prepared

MBIO Total Coliform DW Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert

Pace Analytical Services - Melville

Units

Results

Total Coliforms Absent 05/17/22 18:25 05/18/22 12:25 E.coli **Absent** 05/17/22 18:25 05/18/22 12:25



ANALYTICAL RESULTS

Project: **BACT 5/17** Pace Project No.: 70214969

Parameters

Date: 05/19/2022 12:29 PM

Sample: N-08480(SEAMAN Lab ID: 70214969006 Collected: 05/17/22 09:37 Received: 05/17/22 10:45 Matrix: Drinking Water

NECK3WELL)-30-D

Report Reg. Results Units Limit DF CAS No. Qual Limit

Prepared

Analyzed

MBIO Total Coliform DW Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert

Pace Analytical Services - Melville



QUALITY CONTROL DATA

Project: BACT 5/17
Pace Project No.: 70214969

Date: 05/19/2022 12:29 PM

QC Batch: 257120 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: 70214969001, 70214969002, 70214969003, 70214969004, 70214969005, 70214969006

METHOD BLANK: 1298707 Matrix: Drinking Water

Associated Lab Samples: 70214969001, 70214969002, 70214969003, 70214969004, 70214969005, 70214969006

Blank Reporting

ParameterUnitsResultLimitAnalyzedQualifiersE.coliAbsent05/18/22 12:25Total ColiformsAbsent05/18/22 12:25

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



QUALIFIERS

Project: BACT 5/17
Pace Project No.: 70214969

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.

Date: 05/19/2022 12:29 PM



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BACT 5/17
Pace Project No.: 70214969

Date: 05/19/2022 12:29 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70214969001	N-08480(SEAMAN NECK3WELL)-	SM22 9223B Colilert	257120	SM22 9223B Colilert	257385
70214969002	N-08480(SEAMAN NECK3WELL)-	SM22 9223B Colilert	257120	SM22 9223B Colilert	257385
70214969003	N-08480(SEAMAN NECK3WELL)- 5	SM22 9223B Colilert	257120	SM22 9223B Colilert	257385
70214969004	N-08480(SEAMAN NECK3WELL)- 10	SM22 9223B Colilert	257120	SM22 9223B Colilert	257385
70214969005	N-08480(SEAMAN NECK3WELL)- 30	SM22 9223B Colilert	257120	SM22 9223B Colilert	257385
70214969006	N-08480(SEAMAN NECK3WELL)- 30-D	SM22 9223B Colilert	257120	SM22 9223B Colilert	257385



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

WO#:70214969

Sectio Require Compa	d Cilent Information:	Section B Required Proj Report To: St	_		_				Section C Invoice Information: Attention: Accounts Payable								70214969												
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		IP													T		Requ	ested	Ana	ilysis	Filte	red (Y/N)						
# W	WATER WASTE WATER PRODUCT SOILSOLID OIL WIPE AR (A-Z, 0-9 / ,-) OTHER	CODE DW WT WW P SL OL WP AR OT TS CC A	(G=GRAB	COMP STA	OSITE -	ECTED COMPC END/G	ISITE RAB	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	neserved		servi		Methanol	er cohonic Tons	Ì	collieit (recal/coll)								Residual Chlorine (Y/N)				
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BP1B

AG1T

AG1A (NH4CL)

Na Thiosulfate Amber bottle

Na Thiosultate 1L Amber

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	Sa	ample	Conditio	on Upon	MOH	:70	2149	69	
Pace Analytical®	Client N	lama:			MOT				24/22
/ Jacob Glasy Gloca		GS -			PM: KMM		Due Dat	e: U3/	27/22
Courier: Fed Ex UPS USPS, Client			Pace Dthe	er	CLIENT:	KGS			
Tracking #:		0.1.	test DV-	el Ne la	/^	Tampar	ature Blank Pr	ocent- 1	Tyes P No
Custody Seal on Cooler/Box Present:	es No	Seals in	itact: Ye	SU NO MIN			Ice: Wet Bli		1,02471,00
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Temp should be above freezing to 6.0°C				0-4 (-	itials of oos		nining contont	.51	127 mtz
USDA Regulated Soil (□N/A, water sample							nining content		
Did samples originate in a quarantine zone w NM, NY, OK, OR, SC, TN, TX, or VA (check map)? If Yes to either question, fill out a Regulat) Va	e l Mn				including	oles orignate fro g Hawaii and Pu work.	om a forei erto Rico)	gn source ? YesX No
If yes to either question, fill out a Regulat	eu son ci	iboxiist (i	-[1 0 010] 0			C	OMMENTS:		
Chain of Custody Present:	-El Yes	□No		1.					
Chain of Custody Filled Out:	eyes	□No		2.					
Chain of Custody Relinquished:	-ElYes			3.					
Sampler Name & Signature on COC:	PYes	□No	□N/A	4.					
Samples Arrived within Hold Time:	es			5.					
Short Hold Time Analysis (<72hr):	DYes	□No		6.					
Rush Turn Around Time Requested:	□Yes	_D M0		7.					
Sufficient Volume: (Triple volume provided for		□No		8.					
Correct Containers Used:	∠EIYes	□No		9.			14		
-Pace Containers Used:	√□Yes	□No							
Containers Intact:	∠EYes	□No		10.					
Filtered volume received for Dissolved tests		□No	-EN/A	11.	Note if sedim	ent is vis	ible in the disso	lved cont	ainer.
Sample Labels match COC:	Yes	□No		12.			2)		
-Includes date/time/ID/Matrix: SL(WT	BIL								N.
All containers needing preservation have been	en □Yes	□No		13.	□ HNO ₃	□H _z SO ₄	□ NaOH		ا،
checked?									
pH paper Lot #	Je. 4-			Sample #					
All containers needing preservation are four				Comple #					
in compliance with method recommendation		□No	ÆN/A						
(HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide,	□Yes	CINO	~11/1						
NAOH>12 Cyanide) Exceptions: VOA Coliform, TOC/DOC, Oil and	Grases								
DRO/8015 (water).	UI Ed\$E,			Initial when	n completed:	Lot # of	added	Date/Tir	ne preservative
Per Method, VOA pH is checked after analysi	is					preserva		added:	
Samples checked for dechlorination:	□Yes	□No	_EN/A	14.					
KI starch test strips Lot #	2.00	<u></u>							
Residual chlorine strips Lot #				P	ositive for Re	s. Chlorin	e? Y N		
SM 4500 CN samples checked for sulfide?	Yes	□No	_EM/A	15.					
Lead Acetate Strips Lot #					ositive for Sul	fide?	Y N		
Headspace in VOA Vials (>6mm):	□Yes	□No	_BN/A	16.					,
Trip Blank Present:	□Yes	□No	-EN/A	17.		18			
Trip Blank Custody Seals Present	□Yes	□No	AYA			- 15			
Pace Trip Blank Lot # (if applicable):									
Client Notification/ Resolution:				Field Data	-		Y / N		
					Date/Time:				
Comments/ Resolution:									
F(

ENV-FRM-MELV-0024 01

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





May 20, 2022

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

RE: Project: BACT SERIES 5/18
Pace Project No.: 70215152

Dear Robert Gregory:

Enclosed are the analytical results for sample(s) received by the laboratory on May 18, 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

Kimberley Mack.

(631)694-3040

Project Manager

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC



Melville, NY 11747 (631)694-3040



CERTIFICATIONS

Project: BACT SERIES 5/18

Pace Project No.: 70215152

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747 Connecticut Certification #: PH-0435 Delaware Certification # NY 10478 Maryland Certification #: 208

Massachusetts Certification #: M-NY026 New Hampshire Certification #: 2987 New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350 Rhode Island Certification #: LAO00340

Virginia Certification # 460302



SAMPLE SUMMARY

Project: BACT SERIES 5/18

Pace Project No.: 70215152

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70215152001	GAC-3S/4S-VESSEL#500-0	Drinking Water	05/18/22 09:20	05/18/22 11:35
70215152002	GAC-3S/4S-VESSEL#500-2	Drinking Water	05/18/22 09:22	05/18/22 11:35
70215152003	GAC-3S/4S-VESSEL#500-5	Drinking Water	05/18/22 09:25	05/18/22 11:35
70215152004	GAC-3S/4S-VESSEL#500-10	Drinking Water	05/18/22 09:30	05/18/22 11:35
70215152005	GAC-3S/4S-VESSEL#500-30	Drinking Water	05/18/22 09:50	05/18/22 11:35



SAMPLE ANALYTE COUNT

Project: BACT SERIES 5/18

Pace Project No.: 70215152

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70215152001	GAC-3S/4S-VESSEL#500-0	SM22 9223B Colilert	SDO	2
70215152002	GAC-3S/4S-VESSEL#500-2	SM22 9223B Colilert	SDO	2
70215152003	GAC-3S/4S-VESSEL#500-5	SM22 9223B Colilert	SDO	2
70215152004	GAC-3S/4S-VESSEL#500-10	SM22 9223B Colilert	SDO	2
70215152005	GAC-3S/4S-VESSEL#500-30	SM22 9223B Colilert	SDO	2

PACE-MV = Pace Analytical Services - Melville



ANALYTICAL RESULTS

Project: BACT SERIES 5/18

Pace Project No.: 70215152

Date: 05/20/2022 09:19 AM

Sample: GAC-3S/4S-VESSEL#500-0 Lab ID: 70215152001 Collected: 05/18/22 09:20 Received: 05/18/22 11:35 Matrix: Drinking Water

Report Reg.

Parameters Results Units 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



ANALYTICAL RESULTS

Project: BACT SERIES 5/18

Pace Project No.: 70215152

Date: 05/20/2022 09:19 AM

Sample: GAC-3S/4S-VESSEL#500-2 Lab ID: 70215152002 Collected: 05/18/22 09:22 Received: 05/18/22 11:35 Matrix: Drinking Water

Report Reg.

Parameters Results Units Limit 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



ANALYTICAL RESULTS

Project: BACT SERIES 5/18

Pace Project No.: 70215152

Date: 05/20/2022 09:19 AM

Sample: GAC-3S/4S-VESSEL#500-5 Lab ID: 70215152003 Collected: 05/18/22 09:25 Received: 05/18/22 11:35 Matrix: Drinking Water

Report Reg.

Parameters Results Units 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

CAS No.

Analyzed

(631)694-3040

Qual



ANALYTICAL RESULTS

Project: **BACT SERIES 5/18**

Pace Project No.: 70215152

Parameters

Sample: GAC-3S/4S-VESSEL#500-Lab ID: 70215152004 Collected: 05/18/22 09:30 Received: 05/18/22 11:35 Matrix: Drinking Water

10

Date: 05/20/2022 09:19 AM

Report Reg. Limit

DF

Prepared

MBIO Total Coliform DW Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert

Limit

Pace Analytical Services - Melville

Units

Results

Total Coliforms Absent 05/18/22 17:50 05/19/22 11:50 E.coli **Absent** 05/18/22 17:50 05/19/22 11:50

CAS No.

Analyzed

(631)694-3040

Qual



ANALYTICAL RESULTS

Project: **BACT SERIES 5/18**

Pace Project No.: 70215152

Parameters

Sample: GAC-3S/4S-VESSEL#500-Lab ID: 70215152005 Collected: 05/18/22 09:50 Received: 05/18/22 11:35 Matrix: Drinking Water

Limit

Date: 05/20/2022 09:19 AM

Report Reg. Limit

DF

Prepared

MBIO Total Coliform DW Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert

Pace Analytical Services - Melville

Units

Results

Total Coliforms Absent 05/18/22 17:50 05/19/22 11:50 E.coli **Absent** 05/18/22 17:50 05/19/22 11:50



QUALITY CONTROL DATA

Project: BACT SERIES 5/18

Pace Project No.: 70215152

Date: 05/20/2022 09:19 AM

QC Batch: 257437 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: 70215152001, 70215152002, 70215152003, 70215152004, 70215152005

METHOD BLANK: 1299863 Matrix: Drinking Water

Associated Lab Samples: 70215152001, 70215152002, 70215152003, 70215152004, 70215152005

Blank Reporting

Parameter Units Result Limit Analyzed Qualifiers

 E.coli
 Absent
 05/19/22 11:50

 Total Coliforms
 Absent
 05/19/22 11:50

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



QUALIFIERS

Project: BACT SERIES 5/18

Pace Project No.: 70215152

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.

Date: 05/20/2022 09:19 AM



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BACT SERIES 5/18

Pace Project No.: 70215152

Date: 05/20/2022 09:19 AM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70215152001	GAC-3S/4S-VESSEL#500-0	SM22 9223B Colilert	257437	SM22 9223B Colilert	257532
70215152002	GAC-3S/4S-VESSEL#500-2	SM22 9223B Colilert	257437	SM22 9223B Colilert	257532
70215152003	GAC-3S/4S-VESSEL#500-5	SM22 9223B Colilert	257437	SM22 9223B Colilert	257532
70215152004	GAC-3S/4S-VESSEL#500-10	SM22 9223B Colilert	257437	SM22 9223B Colilert	257532
70215152005	GAC-3S/4S-VESSEL#500-30	SM22 9223B Colilert	257437	SM22 9223B Colilert	257532

WO#:70215152

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

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Temp should be above freezing to 6.0°C						-110102-(1)
USDA Regulated Soil (\sum N/A, water samp	ole)			Date and Initials	of person examining cont	tents: 5/18/ PP 3/1
Did samples originate in a quarantine zone	within the U	Inited Stat	es: AL, AR, CA	, FL, GA, ID, LA, MS, NO	C, Did samples orignat	e from a foreign source
NIM NIV OV OD CC THE TV oc VA Schook man	12 Ye	nML 2			including Hawaii ani	d Puerto Rico]? Yes No
If Yes to either question, fill out a Regul	ated Soil Ch	ecklist (F	-LI-C-010) a	nd include with SCl	JR/COC paperwork.	
a res to ettner question, in our a regen	atou our or				COMMENTS:	
Chain of Custody Present:	E Yes	□No		1.		
Chain of Custody Filled Out:	Mes	□No		2.		
Chain of Custody Relinquished:	ElYes	□No		3.		
Sampler Name & Signature on COC:	∠EY'es	□No	□N/A	4.		
Samples Arrived within Hold Time:	Yes			5.		
Short Hold Time Analysis (<72hr):	EYes	□No		6.		
Rush Turn Around Time Requested:	□Yes	₽ ₩0		7.		
Sufficient Volume: (Triple volume provided		□No		8.		
Correct Containers Used:	-ETTes	□No		9.	9	
-Pace Containers Used:	∠0Yes	□No				
Containers Intact:	∠eytes	□No		10.		
Filtered volume received for Dissolved test		□No	-EN/A	11. Note if	sediment is visible in the d	dissolved container,
Sample Labels match COC:	- Difes	□No		12.	2	
-Includes date/time/ID/Matrix: SL(W				i		
All containers needing preservation have b		□No	DH/A	13. □ HNO	3 □H ₂ SO ₄ □NaC	OH CHCI
checked?						
pH paper Lot #				C		
All containers needing preservation are for				Sample #		
in compliance with method recommendati			-lis			
(HNO ₃ , H₂SO ₄ , HCl, NaOH>9 Sulfide,	□Yes	□No	ÆN/A			
NAOH>12 Cyanide)						
Exceptions: VOA Coliform, DC/DOC, Oil and	d Grease,			Initial when compl	eted: Lot # of added	Date/Time preservative
DRO/8015 (water).	30			midel when compl	preservative:	added:
Per Method, VOA pH is checked after analy		□No	_EN/A	14.	production	
Samples checked for dechlorination:	□Yes	FINO	ZINA	2.60		
KI starch test strips Lot #				Positive	for Res. Chlorine? Y N	
Residual chlorine strips Lot #	□Yes	□No	_EM/A	15.		
SM 4500 CN samples checked for sulfide?	Lies	O	2011/11	1	for Sulfide? Y N	
Lead Acetate Strips Lot # Headspace in VOA Vials (>6mm):	□Yes	□No	_EN/A	16.		
Trip Blank Present	□Yes	□No	-EM/A	17.		•
Trip Blank Custody Seals Present	□Yes	□No	DH/A		왕	
Pace Trip Blank Lot # (if applicable):						
Client Notification/ Resolution:				Field Data Require	d? Y / N	1
Person Contacted:				Date/1	Time:	The state of
. (6						

PM [Project Manager] review is documented electronically in LIMS





May 20, 2022

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

RE: Project: BACT SERIES 5/18
Pace Project No.: 70215153

Dear Robert Gregory:

Enclosed are the analytical results for sample(s) received by the laboratory on May 18, 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

Kimberley Mack.

(631)694-3040

Project Manager

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC





CERTIFICATIONS

Project: BACT SERIES 5/18

Pace Project No.: 70215153

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747 Connecticut Certification #: PH-0435 Delaware Certification # NY 10478 Maryland Certification #: 208

Massachusetts Certification #: M-NY026 New Hampshire Certification #: 2987 New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350 Rhode Island Certification #: LAO00340

Virginia Certification # 460302



SAMPLE SUMMARY

Project: BACT SERIES 5/18

Pace Project No.: 70215153

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70215153001	GAC-3S/4S-VESSEL#600-0	Drinking Water	05/18/22 10:00	05/18/22 11:35
70215153002	GAC-3S/4S-VESSEL#600-2	Drinking Water	05/18/22 10:02	05/18/22 11:35
70215153003	GAC-3S/4S-VESSEL#600-5	Drinking Water	05/18/22 10:05	05/18/22 11:35
70215153004	GAC-3S/4S-VESSEL#600-10	Drinking Water	05/18/22 10:10	05/18/22 11:35
70215153005	GAC-3S/4S-VESSEL#600-30	Drinking Water	05/18/22 10:30	05/18/22 11:35



SAMPLE ANALYTE COUNT

Project: BACT SERIES 5/18

Pace Project No.: 70215153

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70215153001	GAC-3S/4S-VESSEL#600-0	SM22 9223B Colilert	SDO	2
70215153002	GAC-3S/4S-VESSEL#600-2	SM22 9223B Colilert	SDO	2
70215153003	GAC-3S/4S-VESSEL#600-5	SM22 9223B Colilert	SDO	2
70215153004	GAC-3S/4S-VESSEL#600-10	SM22 9223B Colilert	SDO	2
70215153005	GAC-3S/4S-VESSEL#600-30	SM22 9223B Colilert	SDO	2

PACE-MV = Pace Analytical Services - Melville

75 Broad Hollow Road Melville, NY 11747 (631)694-3040



ANALYTICAL RESULTS

Project: BACT SERIES 5/18

Pace Project No.: 70215153

Date: 05/20/2022 09:20 AM

Sample: GAC-3S/4S-VESSEL#600-0 Lab ID: 70215153001 Collected: 05/18/22 10:00 Received: 05/18/22 11:35 Matrix: Drinking Water

Report Reg.

Parameters Results Units 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

75 Broad Hollow Road Melville, NY 11747 (631)694-3040



ANALYTICAL RESULTS

Project: BACT SERIES 5/18

Pace Project No.: 70215153

Date: 05/20/2022 09:20 AM

Sample: GAC-3S/4S-VESSEL#600-2 Lab ID: 70215153002 Collected: 05/18/22 10:02 Received: 05/18/22 11:35 Matrix: Drinking Water

Report Reg.

Parameters Results Units 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



ANALYTICAL RESULTS

Project: BACT SERIES 5/18

Pace Project No.: 70215153

Date: 05/20/2022 09:20 AM

Sample: GAC-3S/4S-VESSEL#600-5 Lab ID: 70215153003 Collected: 05/18/22 10:05 Received: 05/18/22 11:35 Matrix: Drinking Water

Report Reg.

Parameters Results Units 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

CAS No.

Analyzed

(631)694-3040

Qual



ANALYTICAL RESULTS

Project: **BACT SERIES 5/18**

Pace Project No.: 70215153

Parameters

Sample: GAC-3S/4S-VESSEL#600-Lab ID: 70215153004 Collected: 05/18/22 10:10 Received: 05/18/22 11:35 Matrix: Drinking Water

Limit

10

Date: 05/20/2022 09:20 AM

Report Reg. Limit

DF

Prepared

MBIO Total Coliform DW Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert

Pace Analytical Services - Melville

Units

Results

Total Coliforms Absent 05/18/22 17:50 05/19/22 11:50 E.coli **Absent** 05/18/22 17:50 05/19/22 11:50



ANALYTICAL RESULTS

Project: **BACT SERIES 5/18**

Pace Project No.: 70215153

Parameters

Sample: GAC-3S/4S-VESSEL#600-Lab ID: 70215153005 Collected: 05/18/22 10:30 Received: 05/18/22 11:35 Matrix: Drinking Water

Date: 05/20/2022 09:20 AM

Report Reg. Results Units Limit DF CAS No. Qual Limit

Prepared

Analyzed

MBIO Total Coliform DW Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert

Pace Analytical Services - Melville

Total Coliforms Absent 05/18/22 17:50 05/19/22 11:50 E.coli **Absent** 05/18/22 17:50 05/19/22 11:50



QUALITY CONTROL DATA

Project: **BACT SERIES 5/18**

Pace Project No.: 70215153

E.coli

Total Coliforms

Date: 05/20/2022 09:20 AM

QC Batch: 257437 Analysis Method: SM22 9223B Colilert

QC Batch Method: SM22 9223B Colilert Analysis Description: TotCoIDW MBIO Total Coliform

> Laboratory: Pace Analytical Services - Melville

 $70215153001,\,70215153002,\,70215153003,\,70215153004,\,70215153005$ Associated Lab Samples:

METHOD BLANK: 1299863 Matrix: Drinking Water

Associated Lab Samples: $70215153001,\,70215153002,\,70215153003,\,70215153004,\,70215153005$

> Blank Reporting

Limit Analyzed Qualifiers Parameter Units Result Absent 05/19/22 11:50

Absent

05/19/22 11:50

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



QUALIFIERS

Project: BACT SERIES 5/18

Pace Project No.: 70215153

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.

Date: 05/20/2022 09:20 AM



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BACT SERIES 5/18

Pace Project No.: 70215153

Date: 05/20/2022 09:20 AM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70215153001	GAC-3S/4S-VESSEL#600-0	SM22 9223B Colilert	257437	SM22 9223B Colilert	257532
70215153002	GAC-3S/4S-VESSEL#600-2	SM22 9223B Colilert	257437	SM22 9223B Colilert	257532
70215153003	GAC-3S/4S-VESSEL#600-5	SM22 9223B Colilert	257437	SM22 9223B Colilert	257532
70215153004	GAC-3S/4S-VESSEL#600-10	SM22 9223B Colilert	257437	SM22 9223B Colilert	257532
70215153005	GAC-3S/4S-VESSEL#600-30	SM22 9223B Colilert	257437	SM22 9223B Colilert	257532



WO#: 70215153

CHAIN-OF-CUSTODY / Analytical Req The Chain-of-Custody is a LEGAL DOCUMENT. All relevant Section A Section B Required Client Information: Section C Required Project Information: Company: KOMAN Government Solutions, LLC Invoice Information: Report To: Robert Gregory Address: 180 Gordon Dr., Suite 110 Attention: Accounts Payable Copy To: NCDOH

Page: Exton, PA Company Name: KOMAN Government Solutions, LLC Email: RGregory@komangs.com Address: Purchase Order#: 02607-204 Phone: (610) 400-0636 Pace Quote: Regulatory Agency Project Name: NYAW-MERRICK OPS FACILITY Requested Due Date: Pace Project Manager: Kimberley Mack@Pacelabs.com Project #: 02607-204 Pace Profile #: State / Location

											Pace	e Pro	file #:									elabs		-	_	_			Sta	ate / Los	cation		
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		MATRIX	CODE	(see valid codes to left)	(G=GRAB C=COMP)		COLLI	ECTED					100						×	T	ΤÏ	- Juniar	- AI	I I	riite	red (Y	(N)	П	\dashv				
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	SAMPLE ID	Product Soil/Solid	P SL	e vali	=GRA					OLLEC			-			1	1		L	1	П			П			Т	П	T	T		7	
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ITEM #	Sample Ids must be unique	Other Tissue	OT TS	8	T ₹					TEMP	TAIN	Ned							ses	cal/E				П			1		Preja				
E				MATRIX CODE	SAMPLE TYPE					SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H2SO4	3 _	E	Na2S2O3	Methanol		Analyses Test	Collert (Fecal/Ecoli)							1		5	5			
1.	GAC-3S/4S-Vessel	#500-0		1		DATE	TIME	DATE	1	8	O ≱‡	5	Ÿ Ē	호	NaOH	Na2	Met	Other	A	Colla					1				Residual Chlorine (V/N)				
2	GAC-3S/4S-Vesseli			DW					10.00	4	1 X	1	\perp	L						х					\top	1	H	+	十	+		-	_
3	GAC-3S/4S-Vessel			DW					10:02	1	1 X									х			П	\neg	\top	+	Н	\vdash	-	-		+-	
4				DW	G	_	\$	18,22	10:05		1 X								-	х	7	1	\vdash	+	+	+	\vdash	+	-	\vdash			
5	GAC-3S/4S-Vessel#			DW	G		5	18:22	10,10		1 X	T						٦	ı		\dashv	+	\vdash	+	+	H	\dashv	+	4	-			
6	GAC-3S/4S-Vessel#	500-30		DW	G		5.1	Y-21-	10,30	1	x	T			П	H	7	┪	ı	Х	+	+	\forall	+	+	H	+	+	4	<u> </u>			
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Page 13 of 15						SA	MPLER N	AME AN	ID SIGNAT	URE				-	_	-	_	_	_	_													
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/ Pace Analytical "				р	MO# .	ULLU	
/ act Allalylical	Client Na	eme:	ř.	32	PM · KMM	Due D	ate: 05/25/22
		MAN			CLIENT: KG		
Courier: Fed Ex UPS USPS Clier	nt Comme	rcial L	асе шипе	1	CPTEM . VA	•	
Tracking #:		Carlo in	toot. 🗆 Vos		reame	аште напк Рі	resent: LIYes No
Custody Seal on Cooler/Box Present:	Yes No	n sieas	Macc. Cht	שני ווס ביוויא	Tyne n	Ice: Wet B	ue None
Packing Material: Bubble Wrap Bubb	ole Bags 🔲	Zipioc 1	Notice Door	161			process has begun
Thermometer Used: TH 09 1 182	Correcti	on Factor	: + O.1	04(°C)			placed in freezer
Cooler Temperature(°C): 6-9	Cooler 1	emperati	TLE COLLECT	eul Cl	Date/1	וווופ טטטטא אונט	piacco in ri occo
Temp should be above freezing to 6.0°C					rials of paragraps	mining conton	to SUN 5/18/2
USDA Regulated Soil (🗖 N/A, water samp	ole)						ts: SHR5/18/2
Did samples originate in a quarantine zone	within the U	nited State	es: AL, AR, CA	, FL, GA, 1D, LA, 1	AS' NC' Diq sau	nples orignate fi	om a foreign source
THE ANY ON OR OR THE TY WA Cabank man	l Vo	e I INo			HICHUR	ng Hawaii and Po	uerto Rico)? 🛮 Yes🎗 No
If Yes to either question, fill out a Regul	ated Soil Ch	ecklist (F	-LI-C-010) a	nd include wit	h SCUR/COC pape	rwork	
in rea to cities question, in our a mage.						COMMENTS:	
Chain of Custody Present:	EYes	□No		1.			
Chain of Custody Filled Out:	Mes	□No		2.			
Chain of Custody Relinquished:	ElYes	□No		3.			
Sampler Name & Signature on COC:	∠⊟Yes	□No	□N/A	4.			
Samples Arrived within Hold Time:	erves	□No		5.			
Short Hold Time Analysis (<72hr):	ElYes	□No		6.			
Rush Turn Around Time Requested:	□Yes	<u></u>		7.			
Sufficient Volume: (Triple volume provided		□No		8.			
Correct Containers Used:	-DY'es	□No		9.			
-Pace Containers Used:	∠ DYes	□No	110000				
Containers Intact:	∠E/Yes	□No		10.			
Filtered volume received for Dissolved test		□No	-EM/A		lote if sediment is v	isible in the diss	olved container.
Sample Labels match COC:	- Difes	□No		12.			
-Includes date/time/ID/Matrix: SL(W				ì			uni -
All containers needing preservation have t		□No	A/W	13.	$\square HNO_3 \qquad \square H_2SC$)₄ □ NaOH	☐ HCI
checked?							
pH paper Lot #				C			
All containers needing preservation are fo	und to be			Sample #			
in compliance with method recommendat	ion?		10	i			
(HNO3, H2SO4, HCl, NaOH>9 Sulfide,	□Yes	□No	∠DN/A				
NAOH>12 Cyanide)							
Exceptions: VOA Coliform, TOC/DOC, Oil an	id Grease,			laitiel whoe	completed. Let #	of added	Date/Time preservative
DRO/8015 (water):				Initial when	preser		added:
Per Method, VOA pH is checked after anal				14.	preser	vouve.	duded
Samples checked for dechlorination:	□Yes	□No	_EN/A	14.			
KI starch test strips Lot #				Po	sitive for Res. Chlor	ine? V N	
Residual chlorine strips Lot #			-14/4	15.	Sitive for Res. Critor	mei i id	
SM 4500 CN samples checked for sulfide?	□Yes	□No			sitive for Sulfide?	Y N	
Lead Acetate Strips Lot #		_,,	-ke/A	16.	יפונואב נחו פונוותבן	1 11	
Headspace in VOA Vials (>6mm):	□Yes		A 	17.			•
Trip Blank Present	□Yes	□No					
Trip Blank Custody Seals Present	□Yes	□No	Ν/Η				
Pace Trip Blank Lot # (if applicable):				Field Data R	equired?	Y / N	
Client Notification/ Resolution:					•	-	100
Person Contacted:					Dutter time.		
Comments/ Resolution:				= = = = = = = = = = = = = = = = = = = =			
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ENV-FRM-MELV-0024 01

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





May 20, 2022

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

RE: Project: BACT SERIES 5/18
Pace Project No.: 70215155

Dear Robert Gregory:

Enclosed are the analytical results for sample(s) received by the laboratory on May 18, 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

Kimberley Mack.

(631)694-3040

Project Manager

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC



Melville, NY 11747 (631)694-3040



CERTIFICATIONS

Project: BACT SERIES 5/18

Pace Project No.: 70215155

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747 Connecticut Certification #: PH-0435 Delaware Certification # NY 10478 Maryland Certification #: 208

Massachusetts Certification #: M-NY026 New Hampshire Certification #: 2987 New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350 Rhode Island Certification #: LAO00340

Virginia Certification # 460302



SAMPLE SUMMARY

Project: BACT SERIES 5/18

Pace Project No.: 70215155

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70215155001	N-09338(SEAMAN NECK 4 WELL)- 0	Drinking Water	05/18/22 10:40	05/18/22 11:35
70215155002	N-09338(SEAMAN NECK 4 WELL)- 2	Drinking Water	05/18/22 10:42	05/18/22 11:35
70215155003	N-09338(SEAMAN NECK 4 WELL)- 5	Drinking Water	05/18/22 10:45	05/18/22 11:35
70215155004	N-09338(SEAMAN NECK 4 WELL)- 10	Drinking Water	05/18/22 10:50	05/18/22 11:35
70215155005	N-09338(SEAMAN NECK 4 WELL)- 30	Drinking Water	05/18/22 11:10	05/18/22 11:35
70215155007	N-09338(SEAMANNECK 4 WELL)- 30D	Drinking Water	05/18/22 11:12	05/18/22 11:35



SAMPLE ANALYTE COUNT

Project: BACT SERIES 5/18

Pace Project No.: 70215155

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70215155001	N-09338(SEAMAN NECK 4 WELL)-0	SM22 9223B Colilert	SDO	2
70215155002	N-09338(SEAMAN NECK 4 WELL)-2	SM22 9223B Colilert	SDO	2
70215155003	N-09338(SEAMAN NECK 4 WELL)-5	SM22 9223B Colilert	SDO	2
70215155004	N-09338(SEAMAN NECK 4 WELL)-10	SM22 9223B Colilert	SDO	2
70215155005	N-09338(SEAMAN NECK 4 WELL)-30	SM22 9223B Colilert	SDO	2
70215155007	N-09338(SEAMANNECK 4 WELL)-30D	SM22 9223B Colilert	SDO	2

PACE-MV = Pace Analytical Services - Melville



ANALYTICAL RESULTS

Project: **BACT SERIES 5/18**

Pace Project No.: 70215155

Sample: N-09338(SEAMAN NECK 4 Lab ID: 70215155001 Collected: 05/18/22 10:40 Received: 05/18/22 11:35 Matrix: Drinking Water

WELL)-0

Date: 05/20/2022 09:20 AM

Report Reg.

Parameters Results Units Limit DF CAS No. Qual Limit Prepared Analyzed

MBIO Total Coliform DW Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert

Pace Analytical Services - Melville

Total Coliforms Absent 05/18/22 17:50 05/19/22 11:50 E.coli **Absent** 05/18/22 17:50 05/19/22 11:50

CAS No.

Analyzed

(631)694-3040

Qual



ANALYTICAL RESULTS

Project: BACT SERIES 5/18

Pace Project No.: 70215155

Sample: N-09338(SEAMAN NECK 4 Lab ID: 70215155002 Collected: 05/18/22 10:42 Received: 05/18/22 11:35 Matrix: Drinking Water

WELL)-2

MBIO Total Coliform DW

Date: 05/20/2022 09:20 AM

Report Reg.

Parameters Results Units Limit DF Prepared

Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert Pace Analytical Services - Melville



ANALYTICAL RESULTS

Project: **BACT SERIES 5/18**

Pace Project No.: 70215155

Sample: N-09338(SEAMAN NECK 4 Lab ID: 70215155003 Collected: 05/18/22 10:45 Received: 05/18/22 11:35 Matrix: Drinking Water

WELL)-5

MBIO Total Coliform DW

Date: 05/20/2022 09:20 AM

Report Reg.

Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert

Parameters Results Units Limit

DF CAS No. Qual Limit Prepared Analyzed

Pace Analytical Services - Melville

Total Coliforms Absent 05/18/22 17:50 05/19/22 11:50 E.coli **Absent** 05/18/22 17:50 05/19/22 11:50



ANALYTICAL RESULTS

Project: BACT SERIES 5/18

Pace Project No.: 70215155

Sample: N-09338(SEAMAN NECK 4 Lab ID: 70215155004 Collected: 05/18/22 10:50 Received: 05/18/22 11:35 Matrix: Drinking Water

WELL)-10

Date: 05/20/2022 09:20 AM

Report Reg.

Parameters Results Units 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
 05/18/22 17:50
 05/19/22 11:50

 E.coli
 Absent
 1
 05/18/22 17:50
 05/19/22 11:50



ANALYTICAL RESULTS

Project: BACT SERIES 5/18

Pace Project No.: 70215155

Sample: N-09338(SEAMAN NECK 4 Lab ID: 70215155005 Collected: 05/18/22 11:10 Received: 05/18/22 11:35 Matrix: Drinking Water

WELL)-30

Date: 05/20/2022 09:20 AM

Report Reg.

Report Re

Parameters Results Units 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
 05/18/22 17:50
 05/19/22 11:50

 E.coli
 Absent
 1
 05/18/22 17:50
 05/19/22 11:50

CAS No.

Analyzed

(631)694-3040

Qual



ANALYTICAL RESULTS

Project: **BACT SERIES 5/18**

Pace Project No.: 70215155

Sample: N-09338(SEAMANNECK 4 Lab ID: 70215155007 Collected: 05/18/22 11:12 Received: 05/18/22 11:35 Matrix: Drinking Water

WELL)-30D

Date: 05/20/2022 09:20 AM

Parameters

Report Reg. Limit

DF

Prepared

MBIO Total Coliform DW Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert

Limit

Pace Analytical Services - Melville

Units

Results

Total Coliforms Absent 05/18/22 17:50 05/19/22 11:50 E.coli **Absent** 05/18/22 17:50 05/19/22 11:50



QUALITY CONTROL DATA

Project: BACT SERIES 5/18

Pace Project No.: 70215155

E.coli

Total Coliforms

Date: 05/20/2022 09:20 AM

QC Batch: 257437 Analysis Method: SM22 9223B Colilert

QC Batch Method: SM22 9223B Colilert Analysis Description: TotCoIDW MBIO Total Coliform

Laboratory: Pace Analytical Services - Melville

05/19/22 11:50

Associated Lab Samples: 70215155001, 70215155002, 70215155003, 70215155004, 70215155005, 70215155007

METHOD BLANK: 1299863 Matrix: Drinking Water

Associated Lab Samples: 70215155001, 70215155002, 70215155003, 70215155004, 70215155005, 70215155007

Blank Reporting

Parameter Units Result Limit Analyzed Qualifiers

Absent 05/19/22 11:50

Absent

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



QUALIFIERS

Project: BACT SERIES 5/18

Pace Project No.: 70215155

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.

Date: 05/20/2022 09:20 AM



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BACT SERIES 5/18

Pace Project No.: 70215155

Date: 05/20/2022 09:20 AM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch	
70215155001 N-09338(SEAMAN NECK 4 WELL)-0		SM22 9223B Colilert	257437	SM22 9223B Colilert	257532	
70215155002	N-09338(SEAMAN NECK 4 WELL)-2	SM22 9223B Colilert	257437	SM22 9223B Colilert	257532	
70215155003	N-09338(SEAMAN NECK 4 WELL)-5	SM22 9223B Colilert	257437	SM22 9223B Colilert	257532	
70215155004	N-09338(SEAMAN NECK 4 WELL)-10	SM22 9223B Colilert	257437	SM22 9223B Colilert	257532	
70215155005	N-09338(SEAMAN NECK 4 WELL)-30	SM22 9223B Colilert	257437	SM22 9223B Colilert	257532	
70215155007	N-09338(SEAMANNECK 4 WELL)- 30D	SM22 9223B Colilert	257437	SM22 9223B Colilert	257532	

WO#:70215155 70045455

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

70215155								Sec	tion (2																-			
Required	Proje	et Infe	ormation	:				Invoice Information:								Pa	ace :	1.	Of	- 1									
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(610) 400-0636 Fax Project Na	me:	NYA	AW-MER	RICK OPS	S FACILI	ſΥ		Pace Project Manager: Kimberley Mack@Pacelubs.com												State	I Locatio	n							
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1 acci tharytical	Client N	vame:	MALIA	Proj	, ,	: KMM	Due Date: 05/25/22
		10	Pace Dth	26		IENT: KGS	Due Date: 03/23/22
Courier: Fed Ex UPS USPS Client	Comm	iercial [_	Pace Luth	er .	CL.	TENT: KUS	
Tracking #:		0 1 1	t-at DVa	No CAUA		lomnoraturo l	Blank Present: Lite 1700
Custody Seal on Cooler/Box Present:	es No	26912 11	1(act: 1) te	bos NO PIN/A			Wel Blue None
Packing Material: Bubble Wrap Bubble	e Bags 🗀]Ziploc /E	Jione Dur	nei		100	cooling process has begun
Thermometer Used: TH091	_Correct	tion Facto	r: + 0.1	-1(00) 10		1,000	
Cooler Temperature(°C):	Cooler	Temperati	ure Correct	eal C): [70		bate/Time 503	5A kits placed in freezer
Temp should be above freezing to 6.0°C USDA Regulated Soil (e)			Date and Initia	ils of per	son examining	contents: 5/18/22 SA
Did samples originate in a quarantine zone w		Inited State	es: AL AR, CA	A, FL, GA, ID, LA, MS	S, NC,	Did samples ori	gnate from a foreign source
NM. NY. OK, OR, SC, TN, TX, or VA (check map)	7 \[\] \(\)	es 🗆 No				including Hawai	ii and Puerto Rico]? 🛚 Yes🎘 No
If Yes to either question, fill out a Regulat	ed Soil Cl	hecklist (F	-LI-C-010} a	and include with	scur/co	C paperwork.	
The sto ettres question, his out a Regular	Cu don or	Troottion (1		COMMEN	VTS:
Chain of Custody Present:	-DYes	□No		l.			
Chain of Custody Filled Out:	eyes	□No		2.			
Chain of Custody Relinquished:	Tes	□No		3.			
Sampler Name & Signature on COC:	Yes	□No	□N/A	4.			
Samples Arrived within Hold Time:	Yes			5.			
Short Hold Time Analysis (<72hr):	Elles	□No		6.			
Rush Turn Around Time Requested:	□Yes	OM©		7.			
Sufficient Volume: (Triple volume provided fo		□No		8.			
Correct Containers Used:	∠dYes			9.		1.6	
-Pace Containers Used:	-OYes						
Containers Intact:	∠EYYes			10.			
Filtered volume received for Dissolved tests	□Yes	□No	-EIN/A	II. Not	e if sedim	ent is visible in t	the dissolved container.
Sample Labels match COC:	→ □Yes	□No		12.			
-Includes date/time/ID/Matrix: SL(WT	1-			1			
All containers needing preservation have be		□No	DH/A	13. DH	INO ₃	□H ₂ SO ₄ □	ı NaOH ☐ HCI
checked?							
pH paper Lot #							
All containers needing preservation are four	nd to be			Sample #			
in compliance with method recommendatio	n?		/.				
(HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide,	□Yes	□No	-EN/A				
NAOH>12 Cyanide)							
Exceptions: VOA Coliform, TOC/DOC, Oil and	Grease,			Initial when cor	alatad	lat # of oddod	Date/Time preservative
DRO/8015 (water).				initial when cor	ripieteu:	preservative:	added:
Per Method, VOA pH is checked after analys			-47A	14.		preservative.	Jaudeu.
Samples checked for dechlorination:	□Yes	□No	_BN/A	14.			
KI starch test strips Lot #				Positi	iva for Das	s. Chlorine? Y	N.
Residual chlorine strips Lot #	-14		_EM/A	15.	IVE TOURS	s. Chorne: 1 1	
SM 4500 CN samples checked for sulfide?	□Yes	□No	JUN/A		ive for Sul	fide? Y f	v -
Lead Acetate Strips Lot #		□No	_DN/A	16.	140 101 001	1 1	
Headspace in VOA Vials (>6mm):	□Yes		-EN/A	17.			*
Trip Blank Present	□Yes		-DN/A			58	
Trip Blank Custody Seals Present Pace Trip Blank Lot # [if applicable]:	□Yes	טאים	יוושק				
				Field Data Requ	uired?	Y	/ N
Client Notification/ Resolution:							
Person Contacted: Comments/ Resolution:							
Commondy Resolution.				£.			

ENV-FRM-MELV-0024 01

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





May 25, 2022

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

RE: Project: BACT SERIES 5/24 Pace Project No.: 70215759

Dear Robert Gregory:

Enclosed are the analytical results for sample(s) received by the laboratory on May 24, 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

Kimberley Mack.

(631)694-3040

Project Manager

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC





CERTIFICATIONS

Project: BACT SERIES 5/24

Pace Project No.: 70215759

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747 Connecticut Certification #: PH-0435 Delaware Certification # NY 10478 Maryland Certification #: 208

Massachusetts Certification #: M-NY026 New Hampshire Certification #: 2987 New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350 Rhode Island Certification #: LAO00340

Virginia Certification # 460302



SAMPLE SUMMARY

Project: BACT SERIES 5/24

Pace Project No.: 70215759

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70215759001	GAC-3S/4S-VESSEL#300-0	Drinking Water	05/24/22 07:10	05/24/22 09:20
70215759002	GAC-3S/4S-VESSEL#300-2	Drinking Water	05/24/22 07:12	05/24/22 09:20
70215759003	GAC-3S/4S-VESSEL#300-5	Drinking Water	05/24/22 07:15	05/24/22 09:20
70215759004	GAC-3S/4S-VESSEL#300-10	Drinking Water	05/24/22 07:20	05/24/22 09:20
70215759005	GAC-3S/4S-VESSEL#300-30	Drinking Water	05/24/22 07:40	05/24/22 09:20



SAMPLE ANALYTE COUNT

Project: BACT SERIES 5/24

Pace Project No.: 70215759

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70215759001	GAC-3S/4S-VESSEL#300-0	SM22 9223B Colilert	SDO	2
70215759002	GAC-3S/4S-VESSEL#300-2	SM22 9223B Colilert	SDO	2
70215759003	GAC-3S/4S-VESSEL#300-5	SM22 9223B Colilert	SDO	2
70215759004	GAC-3S/4S-VESSEL#300-10	SM22 9223B Colilert	SDO	2
70215759005	GAC-3S/4S-VESSEL#300-30	SM22 9223B Colilert	SDO	2

PACE-MV = Pace Analytical Services - Melville





ANALYTICAL RESULTS

Project: BACT SERIES 5/24

Pace Project No.: 70215759

Date: 05/25/2022 04:39 PM

Sample: GAC-3S/4S-VESSEL#300-0 Lab ID: 70215759001 Collected: 05/24/22 07:10 Received: 05/24/22 09:20 Matrix: Drinking Water

Report Reg.

Parameters Results Units 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

75 Broad Hollow Road Melville, NY 11747 (631)694-3040



ANALYTICAL RESULTS

Project: BACT SERIES 5/24

Pace Project No.: 70215759

Date: 05/25/2022 04:39 PM

Sample: GAC-3S/4S-VESSEL#300-2 Lab ID: 70215759002 Collected: 05/24/22 07:12 Received: 05/24/22 09:20 Matrix: Drinking Water

Report Reg.

Parameters Results Units 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

575 Broad Hollow Road Melville, NY 11747 (631)694-3040



ANALYTICAL RESULTS

Project: BACT SERIES 5/24

Pace Project No.: 70215759

Date: 05/25/2022 04:39 PM

Sample: GAC-3S/4S-VESSEL#300-5 Lab ID: 70215759003 Collected: 05/24/22 07:15 Received: 05/24/22 09:20 Matrix: Drinking Water

Report Reg.

Parameters Results Units 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

CAS No.

Analyzed

(631)694-3040

Qual



ANALYTICAL RESULTS

Project: **BACT SERIES 5/24**

Pace Project No.: 70215759

Parameters

Sample: GAC-3S/4S-VESSEL#300-Lab ID: 70215759004 Collected: 05/24/22 07:20 Received: 05/24/22 09:20 Matrix: Drinking Water

10

Date: 05/25/2022 04:39 PM

Report Reg. Limit

DF

Prepared

MBIO Total Coliform DW Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert

Limit

Pace Analytical Services - Melville

Units

Results

Total Coliforms Absent 05/24/22 18:25 05/25/22 12:25 E.coli **Absent** 05/24/22 18:25 05/25/22 12:25

CAS No.

Analyzed

(631)694-3040

Qual



ANALYTICAL RESULTS

Project: **BACT SERIES 5/24**

Pace Project No.: 70215759

Parameters

Sample: GAC-3S/4S-VESSEL#300-Lab ID: 70215759005 Collected: 05/24/22 07:40 Received: 05/24/22 09:20 Matrix: Drinking Water

Date: 05/25/2022 04:39 PM

Report Reg. Limit

DF

Prepared

MBIO Total Coliform DW Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert

Limit

Pace Analytical Services - Melville

Units

Results

Total Coliforms Absent 05/24/22 18:25 05/25/22 12:25 E.coli **Absent** 05/24/22 18:25 05/25/22 12:25



QUALITY CONTROL DATA

Project: BACT SERIES 5/24

Pace Project No.: 70215759

Date: 05/25/2022 04:39 PM

QC Batch: 258107 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: 70215759001, 70215759002, 70215759003, 70215759004, 70215759005

METHOD BLANK: 1303437 Matrix: Drinking Water

Associated Lab Samples: 70215759001, 70215759002, 70215759003, 70215759004, 70215759005

Blank Reporting

Parameter Units Result Limit Analyzed Qualifiers

 E.coli
 Absent
 05/25/22 12:25

 Total Coliforms
 Absent
 05/25/22 12:25

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



QUALIFIERS

Project: BACT SERIES 5/24

Pace Project No.: 70215759

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.

Date: 05/25/2022 04:39 PM



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BACT SERIES 5/24

Pace Project No.: 70215759

Date: 05/25/2022 04:39 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70215759001	GAC-3S/4S-VESSEL#300-0	SM22 9223B Colilert	<u>258107</u>	SM22 9223B Colilert	258188
70215759002	GAC-3S/4S-VESSEL#300-2	SM22 9223B Colilert	258107	SM22 9223B Colilert	258188
70215759003	GAC-3S/4S-VESSEL#300-5	SM22 9223B Colilert	258107	SM22 9223B Colilert	258188
70215759004	GAC-3S/4S-VESSEL#300-10	SM22 9223B Colilert	258107	SM22 9223B Colilert	258188
70215759005	GAC-3S/4S-VESSEL#300-30	SM22 9223B Colilert	258107	SM22 9223B Colilert	258188



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

WO#:70215759

Section C Section B Section A Page: Invoice Information: Required Project Information: Required Client Information: Accounts Payable Attention: Robert Gregory KOMAN Government Solutions, LLC Company Name: KOMAN Government Solutions, LLC NCDOH Copy To: Address: 180 Gordon Dr., Suite 110 Regulatory Agency accountspayable@komangs.com Address Exton, PA Pace Quote: Purchase Order #: 02607-204 RGregory@komangs.com Email: State / Location Kimberley Mack@Pacelabs.com Pace Project Manager: NYAW-MERRICK OPS FACILITY Project Name: Phone: (610) 400-0636 NY Pace Profile # Project #: 02607-204 Requested Due Date: Requested Analysis Filtered (Y/N) valid codes to left) C=COMP) X Preservatives COLLECTED SAMPLE TEMP AT COLLECTION CODE Drinking Water D₩ Residual Chlorine (Y/N) WT (G=GRAB Waste Water ww **Analyses Test** Product P SL Colilert (Fecal/Ecoli) eee) **SAMPLE ID** Soil/Solid END START # OF CONTAINERS OL WP AR OT One Character per box. Wipe SAMPLE TYPE MATRIX CODE Unpreserved Na2S2O3 (A-Z, 0-9 / , -) Methanol H2S04 Sample Ids must be unique NaOH Other ITEM 모 TIME DATE TIME DATE 24.227:10 X GAC-3S/4S-Vessel#300-0 DW G 24.227:12 Х GAC-3S/4S-Vessel#300-2 DW G 2 24.22 7:15 DW G 3 GAC-3S/4S-Vessel#300-5 42422720 GAC-3S/4S-Vessel#300-10 DW G 4 534217:40 GAC-3S/4S-Vessel#300-30 DW G 5 6 7 8 10 11 12 SAMPLE CONDITIONS TIME DATE ACCEPTED BY / AFFILIATION RELINQUISHED BY / AFFILIATION TIME ADDITIONAL COMMENTS 9:10 2 2422 Pag SAMPLER NAME AND SIGNATURE Received on 9 PRINT Name of SAMPLER: Randy Hoffmaster DATE Signed: SIGNATURE of SAMPLER:

Sample Container Count

COC PAGE ___ e! ___

	Sa	mple C	Conditio	n Upon Reci	eint	#:7021	5759
Pace Analytical °	_Client Na	ame:		Projec	MU	# 1 1 0 2 1	Date: 06/01/22
	01101111				PM: I	41 11 1	
Courier: Fed Ex UPS USPS Ciclient	Comme	rcial 🗀	ace Dther		CLIE	NT: KGS	
¥							
Tracking #: Custody Seal on Cooler/Box Present: _Ye	s Mo	Seals in	tact: 🗆 Yes	□ NO □N/A	ıem	perature Blank Pre	esent: LiYes 100
Packing Material: Bubble Wrap Bubble	Baos □	Ziploc 🖂	tone 🗆 Oth	er		e of Ice: We Blu	
Thermometer Used: THOS /88	Correcti	on Factor:	+ 0.1		□San	nples on ice, cooling (process has begun
	Cooler I	emperatu	re Correcte	:d(°C): /-3	Dat	e/Time 5035A kits p	laced in freezer
Cooler Temperature (°C): 1-2	-	ee					11 -11
Temp should be above freezing to 6.0°C USDA Regulated Soil { □N/A, water sample	١			Date and Initials	of person	examining contents	SH 5/24/22
OSDA Regulated Sull [DN/A, water sample	, ,,, , ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,,	aited State	C- AL AR CA	FL GA ID LA MS. N	ar Did	samples originate fro	om a foreign source
Did samples originate in a quarantine zone w	ithin the vi	s 🗀 No	2. AL, AIC, ON,	14011010101	incl	uding Hawaii and Pu	erto Rico)? Yes No
NM, NY, OK, OR, SC, TN, TX, or VA (check map)? If Yes to either question, fill out a Regulat	Yes	S LINU	11 C 010} at	nd include with SC	CUR/COC pa	aperwork.	
If Yes to either question, fill out a Regulat	ed 2011 CH	ecklist (r-	-[1-0-010] ui	1		COMMENTS:	
	EYes	□No		1.			
Chain of Custody Present:		□No		2.			4-1-1-1
Chain of Custody Filled Out:	Mes	□No		3.			
Chain of Custody Relinquished:	_ElYes		□N/A	4.			
Sampler Name & Signature on COC:	Hes		LIGA	5.			
Samples Arrived within Hold Time:	Yes			6.			
Short Hold Time Analysis (<72hr):	_EYes			7.			
Rush Turn Around Time Requested:	□Yes	D₩0		8.			
Sufficient Volume: (Triple volume provided fo	r Hayes	□No		9.			
Correct Containers Used:	∠ETYes	_		1			
-Pace Containers Used:	ToYes			10.			
Containers Intact:	∠eYes_	□No	-EIN/A	11. Note	if sediment	is visible in the disso	olved container.
Filtered volume received for Dissolved tests	□Yes		7311/1	12.		¥.	
Sample Labels match COC:) Difes						
-Includes date/time/ID/Matrix: SL(WT		□No	D#√A	13. □ HN	103 🗆 1	H _z SO ₄ □ NaOH	☐ HCI
All containers needing preservation have be	en Ches		2011,111				
checked? pH paper Lot #							
All containers needing preservation are four	nd to be			Sample #			
in compliance with method recommendatio	n?						
(HNO3, H2SO4, HCI, NaOH>9 Sulfide,	□Yes	□No	ÆN/A				
NAOH>12 Cyanide)							
Exceptions: VOA Coliform, TOC/DOC, Oil and	Grease,						Date/Time preservative
DRO/8015 (water).				Initial when com			added:
Per Method, VOA pH is checked after analys	is				Ipr	eservative:	lauded.
Samples checked for dechlorination:	□Yes	□No	_EN7A	14.			
KI starch test strips Lot #				D = -165-	n for Dog C	blosico? V N	
Residual chlorine strips Lot #					e for Res. C	hlorine? Y N	
SM 4500 CN samples checked for sulfide?	□Yes	□No		15.	n for Sulfid	e? Y N	
Lead Acetate Strips Lot #				16.	re for Sulfid	6: 1 11	
Headspace in VOA Vials (>6mm):	□Yes	□No	PN/A	17.			
Trip Blank Present:	□Yes	□No	A/MB-	u.			
Trip Blank Custody Seals Present	□Yes	□No	A/A				
Pace Trip Blank Lot # (if applicable):				Field Data Requi	irad?	Y / N	
Client Notification/ Resolution:				Data		. ,	
Person Contacted:					o _f 11110.		
Comments/ Resolution:				- 36			
	11-3-52-						
·							

ENV-FRM-MELV-0024 01

^{*} PM (Project Manager) review is documented electronically in LIMS





May 25, 2022

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

RE: Project: BACT SERIES 5/24 Pace Project No.: 70215758

Dear Robert Gregory:

Enclosed are the analytical results for sample(s) received by the laboratory on May 24, 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.

kimberley.mack@pacelabs.com

(631)694-3040

Project Manager

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC



Melville, NY 11747 (631)694-3040



CERTIFICATIONS

Project: BACT SERIES 5/24

Pace Project No.: 70215758

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747 Connecticut Certification #: PH-0435 Delaware Certification # NY 10478 Maryland Certification #: 208

Massachusetts Certification #: M-NY026 New Hampshire Certification #: 2987 New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350 Rhode Island Certification #: LAO00340

Virginia Certification # 460302



SAMPLE SUMMARY

Project: BACT SERIES 5/24

Pace Project No.: 70215758

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70215758001	GAC-3S/4S-VESSEL#400-0	Drinking Water	05/24/22 07:50	05/24/22 09:20
70215758002	GAC-3S/4S-VESSEL#400-2	Drinking Water	05/24/22 07:52	05/24/22 09:20
70215758003	GAC-3S/4S-VESSEL#400-5	Drinking Water	05/24/22 07:55	05/24/22 09:20
70215758004	GAC-3S/4S-VESSEL#400-10	Drinking Water	05/24/22 08:00	05/24/22 09:20
70215758005	GAC-3S/4S-VESSEL#400-30	Drinking Water	05/24/22 08:20	05/24/22 09:20



SAMPLE ANALYTE COUNT

Project: BACT SERIES 5/24

Pace Project No.: 70215758

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70215758001	GAC-3S/4S-VESSEL#400-0	SM22 9223B Colilert	SDO	2
70215758002	GAC-3S/4S-VESSEL#400-2	SM22 9223B Colilert	SDO	2
70215758003	GAC-3S/4S-VESSEL#400-5	SM22 9223B Colilert	SDO	2
70215758004	GAC-3S/4S-VESSEL#400-10	SM22 9223B Colilert	SDO	2
70215758005	GAC-3S/4S-VESSEL#400-30	SM22 9223B Colilert	SDO	2

PACE-MV = Pace Analytical Services - Melville



ANALYTICAL RESULTS

Project: BACT SERIES 5/24

Pace Project No.: 70215758

Date: 05/25/2022 04:39 PM

Sample: GAC-3S/4S-VESSEL#400-0 Lab ID: 70215758001 Collected: 05/24/22 07:50 Received: 05/24/22 09:20 Matrix: Drinking Water

Report Reg.

Parameters Results Units 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



ANALYTICAL RESULTS

Project: BACT SERIES 5/24

Pace Project No.: 70215758

Date: 05/25/2022 04:39 PM

Sample: GAC-3S/4S-VESSEL#400-2 Lab ID: 70215758002 Collected: 05/24/22 07:52 Received: 05/24/22 09:20 Matrix: Drinking Water

Report Reg.

Parameters Results Units 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



ANALYTICAL RESULTS

Project: BACT SERIES 5/24

Pace Project No.: 70215758

Date: 05/25/2022 04:39 PM

Sample: GAC-3S/4S-VESSEL#400-5 Lab ID: 70215758003 Collected: 05/24/22 07:55 Received: 05/24/22 09:20 Matrix: Drinking Water

Report Reg.

Parameters Results Units 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

CAS No.

Analyzed

(631)694-3040

Qual



ANALYTICAL RESULTS

Project: **BACT SERIES 5/24**

Pace Project No.: 70215758

Parameters

Sample: GAC-3S/4S-VESSEL#400-Lab ID: 70215758004 Collected: 05/24/22 08:00 Received: 05/24/22 09:20 Matrix: Drinking Water

10

Date: 05/25/2022 04:39 PM

Report Reg. Limit

DF

Prepared

MBIO Total Coliform DW Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert

Limit

Pace Analytical Services - Melville

Units

Results

Total Coliforms Absent 05/24/22 18:25 05/25/22 12:25 E.coli **Absent** 05/24/22 18:25 05/25/22 12:25

CAS No.

Analyzed

(631)694-3040

Qual



ANALYTICAL RESULTS

Project: **BACT SERIES 5/24**

Pace Project No.: 70215758

Parameters

Sample: GAC-3S/4S-VESSEL#400-Lab ID: 70215758005 Collected: 05/24/22 08:20 Received: 05/24/22 09:20 Matrix: Drinking Water

Limit

Date: 05/25/2022 04:39 PM

Report Reg. Limit

DF

Prepared

MBIO Total Coliform DW Analytical Method: SM22 9223B Colilert Preparation Method: SM22 9223B Colilert

Pace Analytical Services - Melville

Units

Results

Total Coliforms Absent 05/24/22 18:25 05/25/22 12:25 E.coli **Absent** 05/24/22 18:25 05/25/22 12:25



QUALITY CONTROL DATA

Project: BACT SERIES 5/24

Pace Project No.: 70215758

Date: 05/25/2022 04:39 PM

QC Batch: 258107 Analysis Method: SM22 9223B Colilert

QC Batch Method: SM22 9223B Colilert Analysis Description: TotCoIDW MBIO Total Coliform

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70215758001, 70215758002, 70215758003, 70215758004, 70215758005

METHOD BLANK: 1303437 Matrix: Drinking Water

Associated Lab Samples: 70215758001, 70215758002, 70215758003, 70215758004, 70215758005

Blank Reporting

Parameter Units Result Limit Analyzed Qualifiers

 E.coli
 Absent
 05/25/22 12:25

 Total Coliforms
 Absent
 05/25/22 12:25

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



QUALIFIERS

Project: BACT SERIES 5/24

Pace Project No.: 70215758

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.

Date: 05/25/2022 04:39 PM



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BACT SERIES 5/24

Pace Project No.: 70215758

Date: 05/25/2022 04:39 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
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70215758002	GAC-3S/4S-VESSEL#400-2	SM22 9223B Colilert	258107	SM22 9223B Colilert	258188
70215758003	GAC-3S/4S-VESSEL#400-5	SM22 9223B Colilert	258107	SM22 9223B Colilert	258188
70215758004	GAC-3S/4S-VESSEL#400-10	SM22 9223B Colilert	258107	SM22 9223B Colilert	258188
70215758005	GAC-3S/4S-VESSEL#400-30	SM22 9223B Colilert	258107	SM22 9223B Colilert	258188



Section B

CHAIN-OF-CUSTODY / Analytical Request Do The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields mus

Section C

WO#:70215758

Section A Page: Of Required Project Information: Invoice Information: Required Client Information: Accounts Pavable KOMAN Government Solutions, LLC Report To: Robert Gregory Company Name: KOMAN Government Solutions, LLC Address 180 Gordon Dr., Sulte 110 Copy To: NCDOH Regulatory Agency accountspayable@komangs.com Address: Pace Quote Purchase Order #: 02607-204 RGregory@komangs.com State / Location Kimberley, Mack@Pacelabs.com Pace Project Manager: Project Name: NYAW-MERRICK OPS FACILITY (610) 400-0636 NY Pace Profile #: Requested Due Date: Project #: 02607-204 Requested Analysis Filtered (Y/N) (see valid codes to left) C=COMP) K Preservatives COLLECTED <u>N</u> MATRIX CODE DW Drinking Water SAMPLE TEMP AT COLLECT (G=GRAB Water Residual Chlorine (Y/N) ww Weste Water **Analyses Test** Product Califert (Fecal/Ecoli) SAMPLE ID SL Soll/Solid START END # OF CONTAINERS OL WP One Character per box. Wipe MATRIX CODE Unpreserved AR (A-Z, 0-9 / , -) Methanol Other SAMPLE Sample lds must be unique HNO3 HCI NaOH ITEM TIME DATE TIME DATE 32422 GAC-3S/4S-Vessel#400-0 DW G 514.22 7:52 GAC-3S/4S-Vessel#400-2 DW 2 GAC-3S/4S-Vessel#400-5 DW 3 DW GAC-3S/4S-Vessel#400-10 24.22 GAC-3S/4S-Vessel#400-30 DVV 5 6 8 9 10 11 12 SAMPLE CONDITIONS DATE TIME ACCEPTED BY / AFFILIATION DATE RELINQUISHED BY / AFFILIATION ADDITIONAL COMMENTS SAMPLER NAME AND SIGNATURE 으 Received (Y/N)
Custody
Sealed
Cooler
(Y/N)
Samples
nitact
(Y/N) PRINT Name of SAMPLER Randy Hoffmaster SIGNATURE of SAMPLER:

	Sa	ample (Conditio	in Upon Re <mark>c</mark>	Paint I I	+ . 70	0215	758
Pace Analytical °	Client N	ame:		Proj	MU	+ - / \		Pate: 06/01/22
	Official				PM: K	MM-	Due 1	ALE: OUT OUT
Courier: Fed Ex UPS USPS Client		ercial 🖸	ace 🗍 the	ır	CLIEN	T: KGS		
Tracking #:								
Custody Seal on Cooler/Box Present: Yes	No	Seals in	tact: Yes	S NO NO NA	Te	emperatur	e Blank Pre	sent: Yes No
Packing Material: Bubble Wrap Bubble	Bans [Ziploc 🖊	None Oth	ner			(Wet) Blu	
Thermometer Used: THEST /38	Correct	ion Factor	: + 0.1					process has begun
	Cooler	Temperatu	re Correcti	ed(°C): /-3	D:	ate/Time !	5035A kits p	laced in freezer
Cooler Temperature (°C):	_	Comparati						/ /
Temp should be above freezing to 6.0°C				Date and Initials	s of perso	n examini	ng contents	5H 3/24/27
USDA Regulated Soil [□N/A, water sample)		10/ 4-	- A1 AD CA					m a foreign source
Did samples originate in a quarantine zone wi	thin the U	Inited State	S: AL, AK, CA	(, I L, OA, ID, DA, 115, 1	io io	cluding Ha	waii and Pue	erto Rico)? U YesX No
NM, NY, OK, OR, SC, TN, TX, or VA (check map)?	L Ye	s □No	0 010) -	ad is aluda with C	רוום (רחר ייי	nangrunt	k	10110071
NM, NY, OK, OR, SC, 1N, 1X, or VA (check map)? If Yes to either question, fill out a Regulate	ed Soil Ch	necklist (F-	-LI-U-UIUJ a	T TILLINGE WITH 3	CONTCOC	LUUJ MUJ	MENTS:	
				1		COLI	TERTO.	
Chain of Custody Present:	Tyes	□No		2.				
Chain of Custody Filled Out:	Mes	□No		3.				
orient of odology from qui	-ElYes	□No	- N. /A	4.				
Sampler Name & Signature on COC:	Hes	□No	□N/A	5.				
Samples Arrived within Hold Time:	Wes	□No						
Short Hold Time Analysis (<72hr):	Yes	□No		6.	-			
Rush Turn Around Time Requested:	□Yes	₽ ₩0		7.				
Sufficient Volume: (Triple volume provided for	Mayes_	□No		9.				
Correct Containers Used:	-₽Yes	□No		9.				
-Pace Containers Used:	≠ □Yes	□No		10				
Containers Intact:	∠⊒Yes	□No		10.	if codimo	nt is visible	in the disco	lved container.
Filtered volume received for Dissolved tests	□Yes	□No	-EN/A	11. Note	e ii zeoiitie	IC 15 VISIDIE	111 (115 01330	IVCO CONCORNOS.
Sample Labels match COC:) Difes	□No		12.				
-Includes date/time/ID, Matrix: SL(WT)				13. □ HN	NO E	1 H _z SO ₄	□ NaOH	□ HCl
All containers needing preservation have bee	n ⊡Yes	□No	DH/A	15.	403 L	1112304	_ maon	2
checked?								
pH paper Lot #	d to be			Sample #				
All containers needing preservation are found								
in compliance with method recommendation	ı: □Yes	□No	ÆN/A					
(HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)	cc							
Exceptions: VOA Coliform, DOC/DOC, Oil and O	rease.							
DRO/8015 (water).	3, 60,007			Initial when com	npleted: L	ot # of ad	ded	Date/Time preservative
Per Method, VOA pH is checked after analysis	S				fr	reservativ	e:	added:
Samples checked for dechlorination:	□Yes	□No	_EN7A	14.				
KI starch test strips Lot #				İ				
Residual chlorine strips Lot #				Positiv	ve for Res.	Chlorine?	Y N	
SM 4500 CN samples checked for sulfide?	□Yes	□No	_EM/A	15.				
Lead Acetate Strips Lot #	_			Positiv	ve for Sulfi	de?	Y N	
Headspace in VOA Viats (>6mm):	□Yes	□No	_ENT/A	16.				
Trip Blank Present:	□Yes	□No	-en/a	17.		<*		
Trip Blank Custody Seals Present	□Yes	□No	ATA					
Pace Trip Blank Lot # (if applicable):								
Client Notification/ Resolution:				Field Data Requ			Y / N	
				Date	e/Time: _			
Comments/ Resolution:								

ENV-FRM-MELV-0024 01

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