7 September 2023

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

Subject: **August 2023 Sampling Report**
Full Scale Liquid-Phase Granular Activated Carbon Treatment System
Liberty New York Water, Seamans Neck Road Water Plant
NWIRP Bethpage, New York
Contract No. N40085-16-D-2288, Task Order 5125

Dear Mr. Sokolowski,

The Full Scale Liquid-Phase Granular Activated Carbon (GAC) Treatment System is located at the Liberty New York Water (LNYW) Seamans Neck Road water treatment plant in Levittown, NY. The GAC System was installed at the effluent of the potable water treatment plant and consists of six GAC vessels operating in parallel to remove low levels of trichloroethene (TCE) from Well No. 3A and Well No. 4S. After GAC treatment, the water receives chemical injection of sodium hypochlorite and sodium tripolyphosphate before going to distribution. Startup of the Full Scale GAC Treatment System occurred on 8 January 2015 under CH2MHill. KOMAN Government Solutions, LLC (KGS) began routine operation and maintenance (O&M) activities in March 2015.

The purpose of this report is to document the sampling activities performed at the GAC Treatment System in August 2023 and present the associated analytical results.

Sampling Requirements

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

- Monthly Sampling: Principal Organic Contaminants (POC) sampling will be performed once a month at the effluent from the GAC treatment system – one sample location, plus associated quality assurance / quality control (QA/QC) samples. POCs will be analyzed via EPA Method 542.2.
- Quarterly Sampling: POC sampling will be performed at the influent to the GAC treatment system on a quarterly basis at Well No. 3A and Well No. 4S raw water – two sample locations. The monthly POC sample collected at the effluent of the GAC Treatment System (described above) will also serve as the quarterly POC GAC effluent sample. Associated QA/QC samples will also be collected. In addition, microbiological (MIC) samples will be collected on a quarterly basis. Samples will be collected from the

system influent (Well No. 3A and Well No. 4S raw water) and from the effluent of each GAC vessel over a timed sequence. The sampling occurs after the wells and vessels are shut-down for a minimum of 12 hours. Samples will be analyzed via the Colilert method to determine if any *E. Coli* or Total Coliform bacteria are present.

- Annual Sampling: Annual sampling will be performed for Physical and Inorganic Constituents (IOCs) at the system influent (Well No. 3A and Well No. 4S raw water) and effluent – three sampling locations, plus associated QA/QC samples. IOCs include a specified list of metals analyzed via EPA Method 200.7.

August 2023 Sampling Summary

Monthly POC Sampling

On 4 August monthly POC samples were collected from the GAC system influent, Well No. 3A, Well No. 4S, and the system effluent; a field duplicate and matrix spike / matrix spike duplicate (MS/MSD) from the system effluent were also collected. **Attachment 1** provides the analytical data report for POC samples collected in August 2023. **Table 1**, below, presents the trichloroethene (TCE) analytical results. TCE was not detected in the GAC effluent or GAC effluent duplicate samples. Results for TCE are in compliance with NCDH requirements.

Table 1 - *TCE Analytical Results(1) – August 2023*

Date	Well 3A Raw [N-14347 (Seaman Neck 3A Well)]	Well 4S Raw [N-09338 (Seaman Neck 4S Well)]	Effluent from GAC System [GAC-3S/4S (Seaman Neck GAC Effluent)]	Effluent from GAC System (Duplicate) [GAC-3S/4S (Seaman Neck GAC Effluent)-D]
08/04/2023	10.6	1.7	ND	ND

Notes:
(1) All concentrations reported in µg/L (ppb).
ND – Not Detected above the reporting limit (0.50 µg/L)

Please contact me at 610-400-0636 or rgregory@komangs.com with any questions or concerns regarding this report.

Sincerely,
KOMAN Government Solutions, LLC

Robert Gregory, P.G.
Project Manager

Cc: W. Provoncha – Nassau County
M. Alarcon – Nassau County

C. Johnson – Nassau County
R. Castle – Nassau County
J. Pelton – NYSDEC
K. Granzen – NYSDEC
M. Travis - NYSDEC
C. Shukis – NAVFAC
V. Varricchio – NWIRP Bethpage Facilities Management
R. Kern – LNYW
N. Niola – LNYW
J. Palmer - LNYW
D. Brayack – Tetra Tech
R. Moore – Tetra Tech
R. Hoffmaster – KGS
P. Schauble – KGS

ATTACHMENT 1

POC ANALYTICAL RESULTS FOR AUGUST 2023

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

August 14, 2023

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

RE: Project: NYAW-MERRICK 8/4
Pace Project No.: 70265741

Dear Robert Gregory:

Enclosed are the analytical results for sample(s) received by the laboratory on August 04, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Melville

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

Sincerely,

Kimberley Mack

Kimberley M. Mack
kimberley.mack@pacelabs.com
516-370-6052
Project Manager

Enclosures

cc: Ericka Seiler, KOMAN Government Services, LLC

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

CERTIFICATIONS

Project: NYAW-MERRICK 8/4
Pace Project No.: 70265741

Pace Analytical Services Long Island
575 Broad Hollow Rd, Melville, NY 11747
Connecticut Certification #: PH-0435
Delaware Certification # NY 10478
Maryland Certification #: 208
Massachusetts Certification #: M-NY026
New Hampshire Certification #: 2987
New Jersey Certification #: NY158
New York Certification #: 10478 Primary Accrediting Body
Pennsylvania Certification #: 68-00350
Rhode Island Certification #: LAO00340
Virginia Certification # 460302

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

SAMPLE SUMMARY

Project: NYAW-MERRICK 8/4
Pace Project No.: 70265741

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70265741001	**GAC-3S/4S (SEAMAN NECK GAC EFF**	Drinking Water	08/04/23 07:45	08/04/23 11:55
70265741002	**GAC-3S/4S (SEAMAN NK GC EFF)-D**	Drinking Water	08/04/23 07:55	08/04/23 11:55
70265741003	**N-14347 (INFLUENT)**	Drinking Water	08/04/23 09:15	08/04/23 11:55
70265741004	**N-09338 (INFLUENT)**	Drinking Water	08/04/23 09:00	08/04/23 11:55
70265741005	**GAC-3S/4S INF**	Drinking Water	08/04/23 08:10	08/04/23 11:55
70265741006	**GAC-3S/4S EFF**	Drinking Water	08/04/23 08:15	08/04/23 11:55

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

SAMPLE ANALYTE COUNT

Project: NYAW-MERRICK 8/4
Pace Project No.: 70265741

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70265741001	**GAC-3S/4S (SEAMAN NECK GAC EFF**	EPA 522	SPM	2
		EPA 524.2	KGG	62
70265741002	**GAC-3S/4S (SEAMAN NK GC EFF)-D**	EPA 524.2	KGG	62
70265741003	**N-14347 (INFLUENT)**	EPA 522	SPM	2
		EPA 524.2	KGG	62
70265741004	**N-09338 (INFLUENT)**	EPA 522	SPM	2
		EPA 524.2	KGG	62
70265741005	**GAC-3S/4S INF**	EPA 200.7	JWT	1
70265741006	**GAC-3S/4S EFF**	EPA 200.7	JWT	1

PACE-MV = Pace Analytical Services - Melville

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

ANALYTICAL RESULTS

Project: NYAW-MERRICK 8/4
Pace Project No.: 70265741

Sample: GAC-3S/4S (SEAMAN NECK GAC EFF **Lab ID: 70265741001** Collected: 08/04/23 07:45 Received: 08/04/23 11:55 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
522 MSS 1,4 Dioxane (SIM)	Analytical Method: EPA 522 Preparation Method: EPA 522								
	Pace Analytical Services - Melville								
1,4-Dioxane (p-Dioxane)	**2.5**	ug/L	0.020		1	08/08/23 13:42	08/09/23 17:31	123-91-1	
Surrogates									
1,4-Dioxane-d8 (S)	118	%	70-130		1	08/08/23 13:42	08/09/23 17:31		
524.2 MSV	Analytical Method: EPA 524.2								
	Pace Analytical Services - Melville								
Benzene	**<0.50**	ug/L	0.50	5	1		08/11/23 18:26	71-43-2	
Bromobenzene	**<0.50**	ug/L	0.50		1		08/11/23 18:26	108-86-1	
Bromochloromethane	**<0.50**	ug/L	0.50		1		08/11/23 18:26	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	0.50	80	1		08/11/23 18:26	75-27-4	
Bromoform	**<0.50**	ug/L	0.50	80	1		08/11/23 18:26	75-25-2	
Bromomethane	**<0.50**	ug/L	0.50		1		08/11/23 18:26	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	0.50		1		08/11/23 18:26	104-51-8	
sec-Butylbenzene	**<0.50**	ug/L	0.50		1		08/11/23 18:26	135-98-8	
tert-Butylbenzene	**<0.50**	ug/L	0.50		1		08/11/23 18:26	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	0.50	5	1		08/11/23 18:26	56-23-5	
Chlorobenzene	**<0.50**	ug/L	0.50	100	1		08/11/23 18:26	108-90-7	
Chlorodifluoromethane	**<0.50**	ug/L	0.50		1		08/11/23 18:26	75-45-6	L2,N3
Chloroethane	**<0.50**	ug/L	0.50		1		08/11/23 18:26	75-00-3	
Chloroform	**<0.50**	ug/L	0.50	80	1		08/11/23 18:26	67-66-3	
Chloromethane	**<0.50**	ug/L	0.50		1		08/11/23 18:26	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	0.50		1		08/11/23 18:26	95-49-8	
4-Chlorotoluene	**<0.50**	ug/L	0.50		1		08/11/23 18:26	106-43-4	
Dibromochloromethane	**<0.50**	ug/L	0.50	80	1		08/11/23 18:26	124-48-1	
Dibromomethane	**<0.50**	ug/L	0.50		1		08/11/23 18:26	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	0.50	600	1		08/11/23 18:26	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	0.50		1		08/11/23 18:26	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	0.50	75	1		08/11/23 18:26	106-46-7	
Dichlorodifluoromethane	**<0.50**	ug/L	0.50		1		08/11/23 18:26	75-71-8	
1,1-Dichloroethane	**<0.50**	ug/L	0.50		1		08/11/23 18:26	75-34-3	
1,2-Dichloroethane	**<0.50**	ug/L	0.50	5	1		08/11/23 18:26	107-06-2	
1,1-Dichloroethene	**<0.50**	ug/L	0.50	7	1		08/11/23 18:26	75-35-4	
cis-1,2-Dichloroethene	**<0.50**	ug/L	0.50	70	1		08/11/23 18:26	156-59-2	
trans-1,2-Dichloroethene	**<0.50**	ug/L	0.50	100	1		08/11/23 18:26	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	0.50	5	1		08/11/23 18:26	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	0.50		1		08/11/23 18:26	142-28-9	
2,2-Dichloropropane	**<0.50**	ug/L	0.50		1		08/11/23 18:26	594-20-7	
1,1-Dichloropropene	**<0.50**	ug/L	0.50		1		08/11/23 18:26	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	0.50		1		08/11/23 18:26	10061-01-5	
trans-1,3-Dichloropropene	**<0.50**	ug/L	0.50		1		08/11/23 18:26	10061-02-6	
Ethylbenzene	**<0.50**	ug/L	0.50	700	1		08/11/23 18:26	100-41-4	
Hexachloro-1,3-butadiene	**<0.50**	ug/L	0.50		1		08/11/23 18:26	87-68-3	
Isopropylbenzene (Cumene)	**<0.50**	ug/L	0.50		1		08/11/23 18:26	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	0.50		1		08/11/23 18:26	99-87-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

ANALYTICAL RESULTS

Project: NYAW-MERRICK 8/4
Pace Project No.: 70265741

Sample: GAC-3S/4S (SEAMAN NECK GAC EFF **Lab ID: 70265741001** Collected: 08/04/23 07:45 Received: 08/04/23 11:55 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical Method: EPA 524.2 Pace Analytical Services - Melville								
Methylene Chloride	**<0.50**	ug/L	0.50	5	1		08/11/23 18:26	75-09-2	
Methyl-tert-butyl ether	**<0.50**	ug/L	0.50		1		08/11/23 18:26	1634-04-4	
n-Propylbenzene	**<0.50**	ug/L	0.50		1		08/11/23 18:26	103-65-1	
Styrene	**<0.50**	ug/L	0.50	100	1		08/11/23 18:26	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.50**	ug/L	0.50		1		08/11/23 18:26	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	0.50		1		08/11/23 18:26	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	0.50	5	1		08/11/23 18:26	127-18-4	
Toluene	**<0.50**	ug/L	0.50	1000	1		08/11/23 18:26	108-88-3	
Total Trihalomethanes (Calc.)	**<0.50**	ug/L	0.50	80	1		08/11/23 18:26		
1,2,3-Trichlorobenzene	**<0.50**	ug/L	0.50		1		08/11/23 18:26	87-61-6	
1,2,4-Trichlorobenzene	**<0.50**	ug/L	0.50	70	1		08/11/23 18:26	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	0.50	200	1		08/11/23 18:26	71-55-6	
1,1,2-Trichloroethane	**<0.50**	ug/L	0.50	5	1		08/11/23 18:26	79-00-5	
Trichloroethene	**<0.50**	ug/L	0.50	5	1		08/11/23 18:26	79-01-6	
Trichlorofluoromethane	**<0.50**	ug/L	0.50		1		08/11/23 18:26	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	0.50		1		08/11/23 18:26	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.50**	ug/L	0.50		1		08/11/23 18:26	76-13-1	L2,N3
1,2,4-Trimethylbenzene	**<0.50**	ug/L	0.50		1		08/11/23 18:26	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	0.50		1		08/11/23 18:26	108-67-8	
Vinyl chloride	**<0.50**	ug/L	0.50	2	1		08/11/23 18:26	75-01-4	
m&p-Xylene	**<0.50**	ug/L	0.50		1		08/11/23 18:26	179601-23-1	
o-Xylene	**<0.50**	ug/L	0.50		1		08/11/23 18:26	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	77	%	70-130		1		08/11/23 18:26	2199-69-1	
4-Bromofluorobenzene (S)	85	%	70-130		1		08/11/23 18:26	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

ANALYTICAL RESULTS

Project: NYAW-MERRICK 8/4
Pace Project No.: 70265741

Sample: GAC-3S/4S (SEAMAN NK GC EFF)-D **Lab ID: 70265741002** Collected: 08/04/23 07:55 Received: 08/04/23 11:55 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical Method: EPA 524.2 Pace Analytical Services - Melville								
Benzene	**<0.50**	ug/L	0.50	5	1		08/11/23 18:52	71-43-2	
Bromobenzene	**<0.50**	ug/L	0.50		1		08/11/23 18:52	108-86-1	
Bromochloromethane	**<0.50**	ug/L	0.50		1		08/11/23 18:52	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	0.50	80	1		08/11/23 18:52	75-27-4	
Bromoform	**<0.50**	ug/L	0.50	80	1		08/11/23 18:52	75-25-2	
Bromomethane	**<0.50**	ug/L	0.50		1		08/11/23 18:52	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	0.50		1		08/11/23 18:52	104-51-8	
sec-Butylbenzene	**<0.50**	ug/L	0.50		1		08/11/23 18:52	135-98-8	
tert-Butylbenzene	**<0.50**	ug/L	0.50		1		08/11/23 18:52	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	0.50	5	1		08/11/23 18:52	56-23-5	
Chlorobenzene	**<0.50**	ug/L	0.50	100	1		08/11/23 18:52	108-90-7	
Chlorodifluoromethane	**<0.50**	ug/L	0.50		1		08/11/23 18:52	75-45-6	L2,N3
Chloroethane	**<0.50**	ug/L	0.50		1		08/11/23 18:52	75-00-3	
Chloroform	**<0.50**	ug/L	0.50	80	1		08/11/23 18:52	67-66-3	
Chloromethane	**<0.50**	ug/L	0.50		1		08/11/23 18:52	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	0.50		1		08/11/23 18:52	95-49-8	
4-Chlorotoluene	**<0.50**	ug/L	0.50		1		08/11/23 18:52	106-43-4	
Dibromochloromethane	**<0.50**	ug/L	0.50	80	1		08/11/23 18:52	124-48-1	
Dibromomethane	**<0.50**	ug/L	0.50		1		08/11/23 18:52	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	0.50	600	1		08/11/23 18:52	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	0.50		1		08/11/23 18:52	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	0.50	75	1		08/11/23 18:52	106-46-7	
Dichlorodifluoromethane	**<0.50**	ug/L	0.50		1		08/11/23 18:52	75-71-8	
1,1-Dichloroethane	**<0.50**	ug/L	0.50		1		08/11/23 18:52	75-34-3	
1,2-Dichloroethane	**<0.50**	ug/L	0.50	5	1		08/11/23 18:52	107-06-2	
1,1-Dichloroethene	**<0.50**	ug/L	0.50	7	1		08/11/23 18:52	75-35-4	
cis-1,2-Dichloroethene	**<0.50**	ug/L	0.50	70	1		08/11/23 18:52	156-59-2	
trans-1,2-Dichloroethene	**<0.50**	ug/L	0.50	100	1		08/11/23 18:52	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	0.50	5	1		08/11/23 18:52	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	0.50		1		08/11/23 18:52	142-28-9	
2,2-Dichloropropane	**<0.50**	ug/L	0.50		1		08/11/23 18:52	594-20-7	
1,1-Dichloropropene	**<0.50**	ug/L	0.50		1		08/11/23 18:52	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	0.50		1		08/11/23 18:52	10061-01-5	
trans-1,3-Dichloropropene	**<0.50**	ug/L	0.50		1		08/11/23 18:52	10061-02-6	
Ethylbenzene	**<0.50**	ug/L	0.50	700	1		08/11/23 18:52	100-41-4	
Hexachloro-1,3-butadiene	**<0.50**	ug/L	0.50		1		08/11/23 18:52	87-68-3	
Isopropylbenzene (Cumene)	**<0.50**	ug/L	0.50		1		08/11/23 18:52	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	0.50		1		08/11/23 18:52	99-87-6	
Methylene Chloride	**<0.50**	ug/L	0.50	5	1		08/11/23 18:52	75-09-2	
Methyl-tert-butyl ether	**<0.50**	ug/L	0.50		1		08/11/23 18:52	1634-04-4	
n-Propylbenzene	**<0.50**	ug/L	0.50		1		08/11/23 18:52	103-65-1	
Styrene	**<0.50**	ug/L	0.50	100	1		08/11/23 18:52	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.50**	ug/L	0.50		1		08/11/23 18:52	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	0.50		1		08/11/23 18:52	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

ANALYTICAL RESULTS

Project: NYAW-MERRICK 8/4
Pace Project No.: 70265741

Sample: GAC-3S/4S (SEAMAN NK GC EFF)-D **Lab ID: 70265741002** Collected: 08/04/23 07:55 Received: 08/04/23 11:55 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical Method: EPA 524.2 Pace Analytical Services - Melville								
Tetrachloroethene	**<0.50**	ug/L	0.50	5	1		08/11/23 18:52	127-18-4	
Toluene	**<0.50**	ug/L	0.50	1000	1		08/11/23 18:52	108-88-3	
Total Trihalomethanes (Calc.)	**<0.50**	ug/L	0.50	80	1		08/11/23 18:52		
1,2,3-Trichlorobenzene	**<0.50**	ug/L	0.50		1		08/11/23 18:52	87-61-6	
1,2,4-Trichlorobenzene	**<0.50**	ug/L	0.50	70	1		08/11/23 18:52	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	0.50	200	1		08/11/23 18:52	71-55-6	
1,1,2-Trichloroethane	**<0.50**	ug/L	0.50	5	1		08/11/23 18:52	79-00-5	
Trichloroethene	**<0.50**	ug/L	0.50	5	1		08/11/23 18:52	79-01-6	
Trichlorofluoromethane	**<0.50**	ug/L	0.50		1		08/11/23 18:52	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	0.50		1		08/11/23 18:52	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.50**	ug/L	0.50		1		08/11/23 18:52	76-13-1	L2,N3
1,2,4-Trimethylbenzene	**<0.50**	ug/L	0.50		1		08/11/23 18:52	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	0.50		1		08/11/23 18:52	108-67-8	
Vinyl chloride	**<0.50**	ug/L	0.50	2	1		08/11/23 18:52	75-01-4	
m&p-Xylene	**<0.50**	ug/L	0.50		1		08/11/23 18:52	179601-23-1	
o-Xylene	**<0.50**	ug/L	0.50		1		08/11/23 18:52	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	76	%	70-130		1		08/11/23 18:52	2199-69-1	
4-Bromofluorobenzene (S)	89	%	70-130		1		08/11/23 18:52	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

ANALYTICAL RESULTS

Project: NYAW-MERRICK 8/4
Pace Project No.: 70265741

Sample: N-14347 (INFLUENT) **Lab ID: 70265741003** Collected: 08/04/23 09:15 Received: 08/04/23 11:55 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
522 MSS 1,4 Dioxane (SIM)	Analytical Method: EPA 522 Preparation Method: EPA 522 Pace Analytical Services - Melville								
1,4-Dioxane (p-Dioxane)	**2.7**	ug/L	0.020		1	08/08/23 13:42	08/09/23 17:48	123-91-1	
Surrogates									
1,4-Dioxane-d8 (S)	112	%	70-130		1	08/08/23 13:42	08/09/23 17:48		
524.2 MSV	Analytical Method: EPA 524.2 Pace Analytical Services - Melville								
Benzene	**<0.50**	ug/L	0.50	5	1		08/11/23 19:18	71-43-2	
Bromobenzene	**<0.50**	ug/L	0.50		1		08/11/23 19:18	108-86-1	
Bromochloromethane	**<0.50**	ug/L	0.50		1		08/11/23 19:18	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	0.50	80	1		08/11/23 19:18	75-27-4	
Bromoform	**<0.50**	ug/L	0.50	80	1		08/11/23 19:18	75-25-2	
Bromomethane	**<0.50**	ug/L	0.50		1		08/11/23 19:18	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	0.50		1		08/11/23 19:18	104-51-8	
sec-Butylbenzene	**<0.50**	ug/L	0.50		1		08/11/23 19:18	135-98-8	
tert-Butylbenzene	**<0.50**	ug/L	0.50		1		08/11/23 19:18	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	0.50	5	1		08/11/23 19:18	56-23-5	
Chlorobenzene	**<0.50**	ug/L	0.50	100	1		08/11/23 19:18	108-90-7	
Chlorodifluoromethane	**<0.50**	ug/L	0.50		1		08/11/23 19:18	75-45-6	L2,N3
Chloroethane	**<0.50**	ug/L	0.50		1		08/11/23 19:18	75-00-3	
Chloroform	**<0.50**	ug/L	0.50	80	1		08/11/23 19:18	67-66-3	
Chloromethane	**<0.50**	ug/L	0.50		1		08/11/23 19:18	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	0.50		1		08/11/23 19:18	95-49-8	
4-Chlorotoluene	**<0.50**	ug/L	0.50		1		08/11/23 19:18	106-43-4	
Dibromochloromethane	**<0.50**	ug/L	0.50	80	1		08/11/23 19:18	124-48-1	
Dibromomethane	**<0.50**	ug/L	0.50		1		08/11/23 19:18	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	0.50	600	1		08/11/23 19:18	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	0.50		1		08/11/23 19:18	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	0.50	75	1		08/11/23 19:18	106-46-7	
Dichlorodifluoromethane	**<0.50**	ug/L	0.50		1		08/11/23 19:18	75-71-8	
1,1-Dichloroethane	**<0.50**	ug/L	0.50		1		08/11/23 19:18	75-34-3	
1,2-Dichloroethane	**<0.50**	ug/L	0.50	5	1		08/11/23 19:18	107-06-2	
1,1-Dichloroethene	**<0.50**	ug/L	0.50	7	1		08/11/23 19:18	75-35-4	
cis-1,2-Dichloroethene	**<0.50**	ug/L	0.50	70	1		08/11/23 19:18	156-59-2	
trans-1,2-Dichloroethene	**<0.50**	ug/L	0.50	100	1		08/11/23 19:18	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	0.50	5	1		08/11/23 19:18	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	0.50		1		08/11/23 19:18	142-28-9	
2,2-Dichloropropane	**<0.50**	ug/L	0.50		1		08/11/23 19:18	594-20-7	
1,1-Dichloropropene	**<0.50**	ug/L	0.50		1		08/11/23 19:18	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	0.50		1		08/11/23 19:18	10061-01-5	
trans-1,3-Dichloropropene	**<0.50**	ug/L	0.50		1		08/11/23 19:18	10061-02-6	
Ethylbenzene	**<0.50**	ug/L	0.50	700	1		08/11/23 19:18	100-41-4	
Hexachloro-1,3-butadiene	**<0.50**	ug/L	0.50		1		08/11/23 19:18	87-68-3	
Isopropylbenzene (Cumene)	**<0.50**	ug/L	0.50		1		08/11/23 19:18	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	0.50		1		08/11/23 19:18	99-87-6	
Methylene Chloride	**<0.50**	ug/L	0.50	5	1		08/11/23 19:18	75-09-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

ANALYTICAL RESULTS

Project: NYAW-MERRICK 8/4
Pace Project No.: 70265741

Sample: N-14347 (INFLUENT) **Lab ID: 70265741003** Collected: 08/04/23 09:15 Received: 08/04/23 11:55 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical Method: EPA 524.2 Pace Analytical Services - Melville								
Methyl-tert-butyl ether	**<0.50**	ug/L	0.50		1		08/11/23 19:18	1634-04-4	
n-Propylbenzene	**<0.50**	ug/L	0.50		1		08/11/23 19:18	103-65-1	
Styrene	**<0.50**	ug/L	0.50	100	1		08/11/23 19:18	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.50**	ug/L	0.50		1		08/11/23 19:18	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	0.50		1		08/11/23 19:18	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	0.50	5	1		08/11/23 19:18	127-18-4	
Toluene	**<0.50**	ug/L	0.50	1000	1		08/11/23 19:18	108-88-3	
Total Trihalomethanes (Calc.)	**<0.50**	ug/L	0.50	80	1		08/11/23 19:18		
1,2,3-Trichlorobenzene	**<0.50**	ug/L	0.50		1		08/11/23 19:18	87-61-6	
1,2,4-Trichlorobenzene	**<0.50**	ug/L	0.50	70	1		08/11/23 19:18	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	0.50	200	1		08/11/23 19:18	71-55-6	
1,1,2-Trichloroethane	**<0.50**	ug/L	0.50	5	1		08/11/23 19:18	79-00-5	
Trichloroethene	**10.6**	ug/L	0.50	5	1		08/11/23 19:18	79-01-6	
Trichlorofluoromethane	**<0.50**	ug/L	0.50		1		08/11/23 19:18	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	0.50		1		08/11/23 19:18	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.50**	ug/L	0.50		1		08/11/23 19:18	76-13-1	L2,N3
1,2,4-Trimethylbenzene	**<0.50**	ug/L	0.50		1		08/11/23 19:18	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	0.50		1		08/11/23 19:18	108-67-8	
Vinyl chloride	**<0.50**	ug/L	0.50	2	1		08/11/23 19:18	75-01-4	
m&p-Xylene	**<0.50**	ug/L	0.50		1		08/11/23 19:18	179601-23-1	
o-Xylene	**<0.50**	ug/L	0.50		1		08/11/23 19:18	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	76	%	70-130		1		08/11/23 19:18	2199-69-1	
4-Bromofluorobenzene (S)	85	%	70-130		1		08/11/23 19:18	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

ANALYTICAL RESULTS

Project: NYAW-MERRICK 8/4
Pace Project No.: 70265741

Sample: N-09338 (INFLUENT) **Lab ID: 70265741004** Collected: 08/04/23 09:00 Received: 08/04/23 11:55 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
522 MSS 1,4 Dioxane (SIM)	Analytical Method: EPA 522 Preparation Method: EPA 522 Pace Analytical Services - Melville								
1,4-Dioxane (p-Dioxane)	**2.1**	ug/L	0.020		1	08/08/23 13:42	08/09/23 18:03	123-91-1	
Surrogates									
1,4-Dioxane-d8 (S)	111	%	70-130		1	08/08/23 13:42	08/09/23 18:03		
524.2 MSV	Analytical Method: EPA 524.2 Pace Analytical Services - Melville								
Benzene	**<0.50**	ug/L	0.50	5	1		08/11/23 19:45	71-43-2	
Bromobenzene	**<0.50**	ug/L	0.50		1		08/11/23 19:45	108-86-1	
Bromochloromethane	**<0.50**	ug/L	0.50		1		08/11/23 19:45	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	0.50	80	1		08/11/23 19:45	75-27-4	
Bromoform	**<0.50**	ug/L	0.50	80	1		08/11/23 19:45	75-25-2	
Bromomethane	**<0.50**	ug/L	0.50		1		08/11/23 19:45	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	0.50		1		08/11/23 19:45	104-51-8	
sec-Butylbenzene	**<0.50**	ug/L	0.50		1		08/11/23 19:45	135-98-8	
tert-Butylbenzene	**<0.50**	ug/L	0.50		1		08/11/23 19:45	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	0.50	5	1		08/11/23 19:45	56-23-5	
Chlorobenzene	**<0.50**	ug/L	0.50	100	1		08/11/23 19:45	108-90-7	
Chlorodifluoromethane	**<0.50**	ug/L	0.50		1		08/11/23 19:45	75-45-6	L2,N3
Chloroethane	**<0.50**	ug/L	0.50		1		08/11/23 19:45	75-00-3	
Chloroform	**<0.50**	ug/L	0.50	80	1		08/11/23 19:45	67-66-3	
Chloromethane	**<0.50**	ug/L	0.50		1		08/11/23 19:45	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	0.50		1		08/11/23 19:45	95-49-8	
4-Chlorotoluene	**<0.50**	ug/L	0.50		1		08/11/23 19:45	106-43-4	
Dibromochloromethane	**<0.50**	ug/L	0.50	80	1		08/11/23 19:45	124-48-1	
Dibromomethane	**<0.50**	ug/L	0.50		1		08/11/23 19:45	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	0.50	600	1		08/11/23 19:45	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	0.50		1		08/11/23 19:45	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	0.50	75	1		08/11/23 19:45	106-46-7	
Dichlorodifluoromethane	**<0.50**	ug/L	0.50		1		08/11/23 19:45	75-71-8	
1,1-Dichloroethane	**<0.50**	ug/L	0.50		1		08/11/23 19:45	75-34-3	
1,2-Dichloroethane	**<0.50**	ug/L	0.50	5	1		08/11/23 19:45	107-06-2	
1,1-Dichloroethene	**<0.50**	ug/L	0.50	7	1		08/11/23 19:45	75-35-4	
cis-1,2-Dichloroethene	**<0.50**	ug/L	0.50	70	1		08/11/23 19:45	156-59-2	
trans-1,2-Dichloroethene	**<0.50**	ug/L	0.50	100	1		08/11/23 19:45	156-60-5	
1,2-Dichloropropane	**<0.50**	ug/L	0.50	5	1		08/11/23 19:45	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	0.50		1		08/11/23 19:45	142-28-9	
2,2-Dichloropropane	**<0.50**	ug/L	0.50		1		08/11/23 19:45	594-20-7	
1,1-Dichloropropene	**<0.50**	ug/L	0.50		1		08/11/23 19:45	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	0.50		1		08/11/23 19:45	10061-01-5	
trans-1,3-Dichloropropene	**<0.50**	ug/L	0.50		1		08/11/23 19:45	10061-02-6	
Ethylbenzene	**<0.50**	ug/L	0.50	700	1		08/11/23 19:45	100-41-4	
Hexachloro-1,3-butadiene	**<0.50**	ug/L	0.50		1		08/11/23 19:45	87-68-3	
Isopropylbenzene (Cumene)	**<0.50**	ug/L	0.50		1		08/11/23 19:45	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	0.50		1		08/11/23 19:45	99-87-6	
Methylene Chloride	**<0.50**	ug/L	0.50	5	1		08/11/23 19:45	75-09-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

ANALYTICAL RESULTS

Project: NYAW-MERRICK 8/4
Pace Project No.: 70265741

Sample: N-09338 (INFLUENT) **Lab ID: 70265741004** Collected: 08/04/23 09:00 Received: 08/04/23 11:55 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical Method: EPA 524.2 Pace Analytical Services - Melville								
Methyl-tert-butyl ether	**<0.50**	ug/L	0.50		1		08/11/23 19:45	1634-04-4	
n-Propylbenzene	**<0.50**	ug/L	0.50		1		08/11/23 19:45	103-65-1	
Styrene	**<0.50**	ug/L	0.50	100	1		08/11/23 19:45	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.50**	ug/L	0.50		1		08/11/23 19:45	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.50**	ug/L	0.50		1		08/11/23 19:45	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	0.50	5	1		08/11/23 19:45	127-18-4	
Toluene	**<0.50**	ug/L	0.50	1000	1		08/11/23 19:45	108-88-3	
Total Trihalomethanes (Calc.)	**<0.50**	ug/L	0.50	80	1		08/11/23 19:45		
1,2,3-Trichlorobenzene	**<0.50**	ug/L	0.50		1		08/11/23 19:45	87-61-6	
1,2,4-Trichlorobenzene	**<0.50**	ug/L	0.50	70	1		08/11/23 19:45	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	0.50	200	1		08/11/23 19:45	71-55-6	
1,1,2-Trichloroethane	**<0.50**	ug/L	0.50	5	1		08/11/23 19:45	79-00-5	
Trichloroethene	**1.7**	ug/L	0.50	5	1		08/11/23 19:45	79-01-6	
Trichlorofluoromethane	**<0.50**	ug/L	0.50		1		08/11/23 19:45	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	0.50		1		08/11/23 19:45	96-18-4	
1,1,2-Trichlorotrifluoroethane	**<0.50**	ug/L	0.50		1		08/11/23 19:45	76-13-1	L2,N3
1,2,4-Trimethylbenzene	**<0.50**	ug/L	0.50		1		08/11/23 19:45	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	0.50		1		08/11/23 19:45	108-67-8	
Vinyl chloride	**<0.50**	ug/L	0.50	2	1		08/11/23 19:45	75-01-4	
m&p-Xylene	**<0.50**	ug/L	0.50		1		08/11/23 19:45	179601-23-1	
o-Xylene	**<0.50**	ug/L	0.50		1		08/11/23 19:45	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	79	%	70-130		1		08/11/23 19:45	2199-69-1	
4-Bromofluorobenzene (S)	86	%	70-130		1		08/11/23 19:45	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

ANALYTICAL RESULTS

Project: NYAW-MERRICK 8/4
Pace Project No.: 70265741

Sample: GAC-3S/4S INF **Lab ID: 70265741005** Collected: 08/04/23 08:10 Received: 08/04/23 11:55 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP, Drinking Water	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville								
Iron	**0.023**	mg/L	0.020		1	08/08/23 10:11	08/08/23 23:23	7439-89-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

ANALYTICAL RESULTS

Project: NYAW-MERRICK 8/4
Pace Project No.: 70265741

Sample: GAC-3S/4S EFF **Lab ID: 70265741006** Collected: 08/04/23 08:15 Received: 08/04/23 11:55 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP, Drinking Water	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville								
Iron	**<0.020**	mg/L	0.020		1	08/08/23 10:11	08/08/23 23:26	7439-89-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

QUALITY CONTROL DATA

Project: NYAW-MERRICK 8/4
Pace Project No.: 70265741

QC Batch: 315427
QC Batch Method: EPA 200.7
Analysis Method: EPA 200.7
Analysis Description: 200.7 MET Drinking Water
Laboratory: Pace Analytical Services - Melville
Associated Lab Samples: 70265741005, 70265741006

METHOD BLANK: 1604877 Matrix: Drinking Water
Associated Lab Samples: 70265741005, 70265741006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	mg/L	<0.020	0.020	08/08/23 22:51	

LABORATORY CONTROL SAMPLE: 1604878

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	mg/L	12.5	12.1	97	85-115	

MATRIX SPIKE SAMPLE: 1604880

Parameter	Units	70265571001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Iron	mg/L	3.1	5	7.8	94	70-130	

SAMPLE DUPLICATE: 1604879

Parameter	Units	70265571001 Result	Dup Result	RPD	Max RPD	Qualifiers
Iron	mg/L	3.1	2.7	13	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

QUALITY CONTROL DATA

Project: NYAW-MERRICK 8/4
Pace Project No.: 70265741

QC Batch: 316011
QC Batch Method: EPA 524.2
Analysis Method: EPA 524.2
Analysis Description: 524.2 MSV
Laboratory: Pace Analytical Services - Melville
Associated Lab Samples: 70265741001, 70265741002, 70265741003, 70265741004

METHOD BLANK: 1608511 Matrix: Water
Associated Lab Samples: 70265741001, 70265741002, 70265741003, 70265741004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.50	0.50	08/11/23 11:34	
1,1,1-Trichloroethane	ug/L	<0.50	0.50	08/11/23 11:34	
1,1,2,2-Tetrachloroethane	ug/L	<0.50	0.50	08/11/23 11:34	
1,1,2-Trichloroethane	ug/L	<0.50	0.50	08/11/23 11:34	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.50	0.50	08/11/23 11:34	N3
1,1-Dichloroethane	ug/L	<0.50	0.50	08/11/23 11:34	
1,1-Dichloroethene	ug/L	<0.50	0.50	08/11/23 11:34	
1,1-Dichloropropene	ug/L	<0.50	0.50	08/11/23 11:34	
1,2,3-Trichlorobenzene	ug/L	<0.50	0.50	08/11/23 11:34	
1,2,3-Trichloropropane	ug/L	<0.50	0.50	08/11/23 11:34	
1,2,4-Trichlorobenzene	ug/L	<0.50	0.50	08/11/23 11:34	
1,2,4-Trimethylbenzene	ug/L	<0.50	0.50	08/11/23 11:34	
1,2-Dichlorobenzene	ug/L	<0.50	0.50	08/11/23 11:34	
1,2-Dichloroethane	ug/L	<0.50	0.50	08/11/23 11:34	
1,2-Dichloropropane	ug/L	<0.50	0.50	08/11/23 11:34	
1,3,5-Trimethylbenzene	ug/L	<0.50	0.50	08/11/23 11:34	
1,3-Dichlorobenzene	ug/L	<0.50	0.50	08/11/23 11:34	
1,3-Dichloropropane	ug/L	<0.50	0.50	08/11/23 11:34	
1,4-Dichlorobenzene	ug/L	<0.50	0.50	08/11/23 11:34	
2,2-Dichloropropane	ug/L	<0.50	0.50	08/11/23 11:34	
2-Chlorotoluene	ug/L	<0.50	0.50	08/11/23 11:34	
4-Chlorotoluene	ug/L	<0.50	0.50	08/11/23 11:34	
Benzene	ug/L	<0.50	0.50	08/11/23 11:34	
Bromobenzene	ug/L	<0.50	0.50	08/11/23 11:34	
Bromochloromethane	ug/L	<0.50	0.50	08/11/23 11:34	
Bromodichloromethane	ug/L	<0.50	0.50	08/11/23 11:34	
Bromoform	ug/L	<0.50	0.50	08/11/23 11:34	
Bromomethane	ug/L	<0.50	0.50	08/11/23 11:34	
Carbon tetrachloride	ug/L	<0.50	0.50	08/11/23 11:34	
Chlorobenzene	ug/L	<0.50	0.50	08/11/23 11:34	
Chlorodifluoromethane	ug/L	<0.50	0.50	08/11/23 11:34	N3
Chloroethane	ug/L	<0.50	0.50	08/11/23 11:34	
Chloroform	ug/L	<0.50	0.50	08/11/23 11:34	
Chloromethane	ug/L	<0.50	0.50	08/11/23 11:34	
cis-1,2-Dichloroethene	ug/L	<0.50	0.50	08/11/23 11:34	
cis-1,3-Dichloropropene	ug/L	<0.50	0.50	08/11/23 11:34	
Dibromochloromethane	ug/L	<0.50	0.50	08/11/23 11:34	
Dibromomethane	ug/L	<0.50	0.50	08/11/23 11:34	
Dichlorodifluoromethane	ug/L	<0.50	0.50	08/11/23 11:34	
Ethylbenzene	ug/L	<0.50	0.50	08/11/23 11:34	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

QUALITY CONTROL DATA

Project: NYAW-MERRICK 8/4
Pace Project No.: 70265741

METHOD BLANK: 1608511 Matrix: Water
Associated Lab Samples: 70265741001, 70265741002, 70265741003, 70265741004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<0.50	0.50	08/11/23 11:34	
Isopropylbenzene (Cumene)	ug/L	<0.50	0.50	08/11/23 11:34	
m&p-Xylene	ug/L	<0.50	0.50	08/11/23 11:34	
Methyl-tert-butyl ether	ug/L	<0.50	0.50	08/11/23 11:34	
Methylene Chloride	ug/L	<0.50	0.50	08/11/23 11:34	
n-Butylbenzene	ug/L	<0.50	0.50	08/11/23 11:34	
n-Propylbenzene	ug/L	<0.50	0.50	08/11/23 11:34	
o-Xylene	ug/L	<0.50	0.50	08/11/23 11:34	
p-Isopropyltoluene	ug/L	<0.50	0.50	08/11/23 11:34	
sec-Butylbenzene	ug/L	<0.50	0.50	08/11/23 11:34	
Styrene	ug/L	<0.50	0.50	08/11/23 11:34	
tert-Butylbenzene	ug/L	<0.50	0.50	08/11/23 11:34	
Tetrachloroethene	ug/L	<0.50	0.50	08/11/23 11:34	
Toluene	ug/L	<0.50	0.50	08/11/23 11:34	
Total Trihalomethanes (Calc.)	ug/L	<0.50	0.50	08/11/23 11:34	
trans-1,2-Dichloroethene	ug/L	<0.50	0.50	08/11/23 11:34	
trans-1,3-Dichloropropene	ug/L	<0.50	0.50	08/11/23 11:34	
Trichloroethene	ug/L	<0.50	0.50	08/11/23 11:34	
Trichlorofluoromethane	ug/L	<0.50	0.50	08/11/23 11:34	
Vinyl chloride	ug/L	<0.50	0.50	08/11/23 11:34	
1,2-Dichlorobenzene-d4 (S)	%	83	70-130	08/11/23 11:34	
4-Bromofluorobenzene (S)	%	88	70-130	08/11/23 11:34	

LABORATORY CONTROL SAMPLE: 1608512

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	10	8.4	84	70-130	
1,1,1-Trichloroethane	ug/L	10	10.4	104	70-130	
1,1,2,2-Tetrachloroethane	ug/L	10	11.2	112	70-130	
1,1,2-Trichloroethane	ug/L	10	10.1	101	70-130	
1,1,2-Trichlorotrifluoroethane	ug/L	10	1.8	18	70-130	L2,N3
1,1-Dichloroethane	ug/L	10	9.6	96	70-130	
1,1-Dichloroethene	ug/L	10	8.9	89	70-130	
1,1-Dichloropropene	ug/L	10	10.2	102	70-130	
1,2,3-Trichlorobenzene	ug/L	10	10.0	100	70-130	
1,2,3-Trichloropropane	ug/L	10	9.4	94	70-130	
1,2,4-Trichlorobenzene	ug/L	10	9.3	93	70-130	
1,2,4-Trimethylbenzene	ug/L	10	10.4	104	70-130	
1,2-Dichlorobenzene	ug/L	10	9.1	91	70-130	
1,2-Dichloroethane	ug/L	10	11.0	110	70-130	
1,2-Dichloropropane	ug/L	10	9.4	94	70-130	
1,3,5-Trimethylbenzene	ug/L	10	10.1	101	70-130	
1,3-Dichlorobenzene	ug/L	10	8.8	88	70-130	
1,3-Dichloropropane	ug/L	10	10.7	107	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

QUALITY CONTROL DATA

Project: NYAW-MERRICK 8/4
Pace Project No.: 70265741

LABORATORY CONTROL SAMPLE: 1608512

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	10	9.2	92	70-130	
2,2-Dichloropropane	ug/L	10	10.4	104	70-130	
2-Chlorotoluene	ug/L	10	10.2	102	70-130	
4-Chlorotoluene	ug/L	10	10.4	104	70-130	
Benzene	ug/L	10	9.9	99	70-130	
Bromobenzene	ug/L	10	8.9	89	70-130	
Bromochloromethane	ug/L	10	8.7	87	70-130	
Bromodichloromethane	ug/L	10	9.6	96	70-130	
Bromoform	ug/L	10	7.9	79	70-130	
Bromomethane	ug/L	10	10.7	107	70-130	
Carbon tetrachloride	ug/L	10	8.0	80	70-130	
Chlorobenzene	ug/L	10	10.1	101	70-130	
Chlorodifluoromethane	ug/L	10	2.2	22	70-130	L2,N3
Chloroethane	ug/L	10	8.3	83	70-130	
Chloroform	ug/L	10	10.5	105	70-130	
Chloromethane	ug/L	10	10.6	106	70-130	
cis-1,2-Dichloroethene	ug/L	10	10.2	102	70-130	
cis-1,3-Dichloropropene	ug/L	10	9.6	96	70-130	
Dibromochloromethane	ug/L	10	7.5	75	70-130	
Dibromomethane	ug/L	10	9.9	99	70-130	
Dichlorodifluoromethane	ug/L	10	9.0	90	70-130	
Ethylbenzene	ug/L	10	10.0	100	70-130	
Hexachloro-1,3-butadiene	ug/L	10	9.2	92	70-130	
Isopropylbenzene (Cumene)	ug/L	10	9.3	93	70-130	
m&p-Xylene	ug/L	20	19.4	97	70-130	
Methyl-tert-butyl ether	ug/L	10	8.7	87	70-130	
Methylene Chloride	ug/L	10	10.4	104	70-130	
n-Butylbenzene	ug/L	10	10.3	103	70-130	
n-Propylbenzene	ug/L	10	9.8	98	70-130	
o-Xylene	ug/L	10	10.2	102	70-130	
p-Isopropyltoluene	ug/L	10	8.6	86	70-130	
sec-Butylbenzene	ug/L	10	9.4	94	70-130	
Styrene	ug/L	10	9.7	97	70-130	
tert-Butylbenzene	ug/L	10	8.4	84	70-130	
Tetrachloroethene	ug/L	10	9.7	97	70-130	
Toluene	ug/L	10	10.0	100	70-130	
Total Trihalomethanes (Calc.)	ug/L		35.5			
trans-1,2-Dichloroethene	ug/L	10	10.6	106	70-130	
trans-1,3-Dichloropropene	ug/L	10	9.8	98	70-130	
Trichloroethene	ug/L	10	8.9	89	70-130	
Trichlorofluoromethane	ug/L	10	10.9	109	70-130	
Vinyl chloride	ug/L	10	8.9	89	70-130	
1,2-Dichlorobenzene-d4 (S)	%			89	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

QUALITY CONTROL DATA

Project: NYAW-MERRICK 8/4
Pace Project No.: 70265741

QC Batch: 315448
QC Batch Method: EPA 522
Analysis Method: EPA 522
Analysis Description: 522 MSS 1,4 Dioxane
Laboratory: Pace Analytical Services - Melville
Associated Lab Samples: 70265741001, 70265741003, 70265741004

METHOD BLANK: 1605092 Matrix: Drinking Water
Associated Lab Samples: 70265741001, 70265741003, 70265741004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	<0.020	0.020	08/09/23 14:17	
1,4-Dioxane-d8 (S)	%	115	70-130	08/09/23 14:17	

LABORATORY CONTROL SAMPLE: 1605093

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	4	4.7	119	70-130	E
1,4-Dioxane-d8 (S)	%			120	70-130	

MATRIX SPIKE SAMPLE: 1605094

Parameter	Units	70265220001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	5.5	4	9.9	111	70-130	
1,4-Dioxane-d8 (S)	%				103	70-130	

SAMPLE DUPLICATE: 1605095

Parameter	Units	70265168001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,4-Dioxane (p-Dioxane)	ug/L	1.2	1.3	1	30	
1,4-Dioxane-d8 (S)	%	113	114		30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

QUALIFIERS

Project: NYAW-MERRICK 8/4
Pace Project No.: 70265741

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

E	Analyte concentration exceeded the calibration range. The reported result is estimated.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
N3	Accreditation is not offered by the relevant laboratory accrediting body for this parameter.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: NYAW-MERRICK 8/4
Pace Project No.: 70265741

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70265741005	**GAC-3S/4S INF**	EPA 200.7	315427	EPA 200.7	315497
70265741006	**GAC-3S/4S EFF**	EPA 200.7	315427	EPA 200.7	315497
70265741001	**GAC-3S/4S (SEAMAN NECK GAC EFF**	EPA 522	315448	EPA 522	315515
70265741003	**N-14347 (INFLUENT)**	EPA 522	315448	EPA 522	315515
70265741004	**N-09338 (INFLUENT)**	EPA 522	315448	EPA 522	315515
70265741001	**GAC-3S/4S (SEAMAN NECK GAC EFF**	EPA 524.2	316011		
70265741002	**GAC-3S/4S (SEAMAN NK GC EFF)-D**	EPA 524.2	316011		
70265741003	**N-14347 (INFLUENT)**	EPA 524.2	316011		
70265741004	**N-09338 (INFLUENT)**	EPA 524.2	316011		

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant field

WO# : 70265741

70265741

Section A – Required Client Information:		Section B – Required Project Information:		Section C – Invoice Information:	
Company:	KOMAN Government Solutions, LLC	Report To:	Robert Gregory	Attention:	Accounts Payable
Address:	180 Gordon Dr., Suite 110	Copy To:	NCDOH	Company Name:	KOMAN Government Solutions, LLC
	Eldon, PA			Address:	accountspayable@komangs.com
Email:	RGregor@komanga.com	Purchase Order #:	02607-005	Pace Quote:	
Phone:	(610) 400-0636 Fax:	Project Name:	NYAW-MERRICK OPS FACILITY	Pace Project Manager:	Kimberly.Mack@Pacelabs.com
Requested Due Date:		Project #:	02607-005	Pace Profile #:	

State / Location: NY

MATRIX: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB, C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	Requested Analysis Filtered (Y/N): POC (VOCs by 524.2)	1,4-dioxane (522)	Fe (Iron)	Residual Chlorine (Y/N)	
1	GAC-3S/4S (Seaman Neck GAC Effluent)	DW	G			8.4.23	6:45		4				X		X				X	X			001
2	GAC-3S/4S (Seaman Neck GAC Effluent)-D	DW	G			8.4.23	6:55		2				X						X				002
3	Well 3A N-14347 (Influent)	DW	G			8.4.23	7:15		4				X		X				X	X			003
4	Well 4 N-09338 (Influent)	DW	G			8.4.23	7:00		4				X		X				X	X			004
5	GAC-3S/4S (Seaman Neck GAC) INF	DW	G			8.4.23	7:10														X		005
6	GAC-3S/4S (Seaman Neck GAC) EFF	DW	G			8.4.23	7:15														X		006
7																								
8																								
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: TEMP In C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	Randy Hoffmaster	8.4.23	11:35	Heather Gill	8/4/23	11:35	3.9	(2)		

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Randy Hoffmaster

SIGNATURE of SAMPLER: Randy Hoffmaster

DATE Signed: 8.4.2023

WO#: 70265741

PM: KMM **Due Date: 08/11/23**

CLIENT: KGS

Client: KGS

Profile #: 5456

Work ID: NYAW-Merrick 8/4

COC Page _____ of _____

COC Line Item	Matrix	VG9U	VG9C	VG9H	VG9S	DG9T	DG9Y	DG9P	DG9A	DG6T	DG9S	AG4U	AG3U	AG2U	AG1U	AG34	AG3S	AG4E	AG3T	AG2R	AG1T	AG1H	AG1A	CG1U	BP4U	BP3U	BP2U	BP1U	BP3S	BP2S	BP4N	BP3N	BP2N	BP3C	BP3T	BP3S	BP3R	BP1Z	BP1N	BP1B	SP5T	R	WG2U	WGFU	WGKU	WGDU	ZPLC	GN	WP	IOC	SOC
1			2																	2																																
2			2																																																		
3			2																	2																																		
4			2																	2																																		
5																																1																				
6																																1																				
7																																																				
8																																																				
9																																																				
10																																																				
11																																																				
12																																																				

Container Codes

Glass				Plastic		Misc.	
VG9U	40mL unpres clear vial	AG4U	125mL unpres amber glass	BP4U	125mL unpreserved plastic	SP5T	120mL Coliform Na Thio
VG9C	40mL Ascorbic-HCl clear vial	AG3U	250mL unpres amber glass	BP3U	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 Sulfuirc clear vial	AG1U	1liter unpres amber glass	BP1U	1L unpreserved plastic	WGFU	4oz Unpreserved Jar
DG9T	40mL Na Thiosulfate vial	AG34	Ammonium Cl 250mL bottle	BP4N	125mL HNO3 plastic	WGKU	8oz 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 Acid 40mL	AG3T	250mL Na Thio amber glass	BP3S	250mL H2SO4 plastic	TEDL	Tedlar Bag
DG6T	Na Thio 60mL Vial	AG2R	Na Sulfite 500mL (blue Cap)	BP2S	500mL H2SO4 plastic	BG1H	1L HCL Clear Glass
DG9S	Ammonium Cl/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	(NH4Cl)	BP3S	250mL Ammonium Acetate		
WG9O	8oz clear soil jar			BP3R	250mL NH4SO4-NH4OH		
WG4O	4oz clear soil jar			BP1Z	1L NaOH, Zn Acetate		
				BP1N	1L HNO3 plastic		
				BP1B	Na Thiosulfate Amber Bottle		

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

* Can also be a BP4N

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

SOC	
VG9T	40mL Na Thio amber vial
DG9A	40mL Ascorbic acid/ maleic Acid vials
DG9Y	Citrate/Na Thiosulfate 40mL
DG9T	Na Thiosulfate 60mL vial
DG6M	MonoClActetic/Na Thio 60mL
AG3U	250mL unpres amber glass
AG3T	Na Thiosulfate 250mL bottle
BP1B	Na Thiosulfate Amber bottle
AG1T	Na Thiosultate 1L Amber
AG1A	525.3 Chemical Blend

Sender Initials _____

Additional Comments

WO#: 70265741
PM: KMM **Due Date: 08/11/23**
CLIENT: KGS

Client Name: KGS Project #

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace ☐ Other

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ☑ No Seals intact: ☐ Yes ☑ No Temperature Blank Present: ☐ Yes ☑ No
Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☑ Ziploc ☐ None ☐ Other Type of Ice: (Wet) Blue None

Thermometer Used: 8TH196 Correction Factor: -0.4 ☐ Samples on ice, cooling process has begun
Cooler Temperature(°C): 3.9 Cooler Temperature Corrected(°C): 3.5 Date/Time 5035A kits placed in freezer
Temp should be above freezing to 6.0°C

USDA Regulated Soil (☑ N/A, water sample)

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

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

If Yes to either question, fill out a Regulated Soil Checklist (ENV-FRM-MELV-0076) and include with SCUR/COC paperwork.

Date and Initials of person examining contents: AS 8/5/23

				COMMENTS:
Chain of Custody Present:	☑Yes	☐No		1.
Chain of Custody Filled Out:	☑Yes	☐No		2.
Chain of Custody Relinquished:	☑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	☑No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☑Yes	☐No		8.
Correct Containers Used:	☑Yes	☐No		9.
-Pace Containers Used:	☑Yes	☐No		
Containers Intact:	☑Yes	☐No		10.
Filtered volume received for Dissolved tests	☑Yes	☐No	☑N/A	11. Note: if sediment is visible in the dissolved container.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: SL WT OIL OTHER	☑Yes	☐No		12. There is a 5 mins time difference between what is written on the COC and the vial label for sample 70265741-002. There is a 30 mins difference between the info on the COC and vial label for sample 70265741-003.

Date and Initials of person checking preservation: AS

All containers needing preservation have been pH paper Lot # HC208072	☑Yes	☐No	☐N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl Sample #
All containers needing preservation are found to be in compliance with method recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NAOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis	☑Yes	☐No	☐N/A	Initial when completed: / Lot # of added preservative: / Date/Time preservative added:
Samples checked for dechlorination: KI starch test strips Lot # Residual chlorine strips Lot #	☐Yes	☐No	☑N/A	14. Positive for Res. Chlorine? Y N
SM 4500 CN samples checked for sul Lead Acetate Strips Lot #	☐Yes	☐No	☑N/A	15. Positive for Sulfide? Y N
Headspace in VOA Vials (>6mm):	☐Yes	☑No	☐N/A	16.
Trip Blank Present:	☐Yes	☑No	☐N/A	17.
Trip Blank Custody Seals Present	☐Yes	☐No	☑N/A	

Client Notification/ Resolution: Field Data Required? Y / N
Person Contacted: Date/Time:
Comments/ Resolution:

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