School Name: Brooks Global	Report Date (s): 6/17/19; 8/19/19							
Date Test Conducted: 5/3/19	Date Results Received: 5/14/19; 6/1/19							
Number of Faucets Tested: 19 (all GCS identified fauce	ts used for drinking/food preparation)							
Lead Results	Copper Results							
Results 15 ppb and above: 1	Results 1.3 ppm and above: 0							
Results 10 ppb to below 15 ppb: 0	Detectable results below 1.3 ppm: 19							
Detectable results below 10 ppb: 1	Results below detection level: 0							
Results below detection level: 17								
Number of Faucets Requ	uiring Remedial Action: 1							
Location of Faucet	Action Taken							
Sample ID: BGS-005	X Temporarily Taken Out of Service: 5/15/19							
	Permanently Taken Out of Service: mm/dd/yyyy							
Location description: Kitchen Ice Maker	Flush Tested: mm/dd/yyyy							
	Flush Test Result: ####							
The water line to the ice machine was disconnected and	x Replaced: 5/17/19							
a cut-off valve was installed to facilitate flushing. ECS	x Retest: 5/21/19							
recommended removing the valve and reconnecting the ice machine. The ice maker was emptied of ice and	Retest Result: 6/1/19: ND (Lead)							
allowed to recharge. A sample was then collected from	Other:mm/dd/yyyy							
the recharged ice.	x Placed Back in Service on: 6/4/19							
Daily School-Wide Flushing:								
Continue with protocol								
Discontinue flushing pro-	tocol: mm/dd/yyyy							
X Other (Describe: Perfor	m Periodic Flushing)							
This is a summary report prepared by ECS. ECS suggests	•							
findings, recommendations, and technical limitations for	this sampling event.							





May 14, 2019

Ryan Abrahamson **ECS** Greensboro

RE: Project: LEAD AND COPPER Pace Project No.: 92427872

Dear Ryan Abrahamson:

Enclosed are the analytical results for sample(s) received by the laboratory on May 03, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

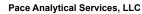
If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Taylor Ezell taylor.ezell@pacelabs.com (704)875-9092 **Project Manager**

Enclosures





Pace Analytical www.pacelabs.com

9800 Kincey Ave. Suite 100 Huntersville, NC 28078 (704)875-9092

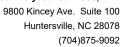
CERTIFICATIONS

Project: LEAD AND COPPER

Pace Project No.: 92427872

Asheville Certification IDs

2225 Riverside Drive, Asheville, NC 28804 Florida/NELAP Certification #: E87648 Massachusetts Certification #: M-NC030 North Carolina Drinking Water Certification #: 37712 North Carolina Wastewater Certification #: 40 South Carolina Certification #: 99030001 Virginia/VELAP Certification #: 460222





SAMPLE ANALYTE COUNT

Project: LEAD AND COPPER

Pace Project No.: 92427872

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92427872001	BGS-001	EPA 200.8 Rev 5.4	SER	2	PASI-A
92427872002	BGS-002	EPA 200.8 Rev 5.4	SER	2	PASI-A
92427872003	BGS-003	EPA 200.8 Rev 5.4	SER	2	PASI-A
92427872004	BGS-004	EPA 200.8 Rev 5.4	JOR	2	PASI-A
92427872005	BGS-005	EPA 200.8 Rev 5.4	JOR	2	PASI-A
92427872006	BGS-006	EPA 200.8 Rev 5.4	JOR	2	PASI-A
92427872007	BGS-007	EPA 200.8 Rev 5.4	SER	2	PASI-A
92427872008	BGS-008	EPA 200.8 Rev 5.4	SER	2	PASI-A
92427872009	BGS-009	EPA 200.8 Rev 5.4	SER	2	PASI-A
92427872010	BGS-010	EPA 200.8 Rev 5.4	SER	2	PASI-A
92427872011	BGS-011	EPA 200.8 Rev 5.4	SER	2	PASI-A
92427872012	BGS-012	EPA 200.8 Rev 5.4	SER	2	PASI-A
92427872013	BGS-013	EPA 200.8 Rev 5.4	SER	2	PASI-A
92427872014	BGS-014	EPA 200.8 Rev 5.4	SER	2	PASI-A
92427872015	BGS-015	EPA 200.8 Rev 5.4	SER	2	PASI-A
92427872016	BGS-016	EPA 200.8 Rev 5.4	SER	2	PASI-A
92427872017	BGS-017	EPA 200.8 Rev 5.4	SER	2	PASI-A
92427872018	BGS-018	EPA 200.8 Rev 5.4	SER	2	PASI-A
92427872019	BGS-019	EPA 200.8 Rev 5.4	SER	2	PASI-A

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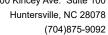


ANALYTICAL RESULTS

Project: LEAD AND COPPER

Date: 05/14/2019 03:29 PM

Pace Project No.: 92427872								
Sample: BGS-001	Lab ID: 924	27872001	Collected: 05/02/1	19 06:37	Received:	05/03/19 10:27	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS DW, No Prep	Analytical Met	hod: EPA 20	00.8 Rev 5.4					
Copper	79.3	ug/L	5.0	1		05/09/19 16:4	7440-50-8	
Lead	ND	ug/L	3.0	1		05/09/19 16:4	7439-92-1	
Sample: BGS-002	Lab ID: 924	27872002	Collected: 05/02/1	19 06:38	Received:	05/03/19 10:27	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS DW, No Prep	Analytical Met	hod: EPA 20	00.8 Rev 5.4					
Copper	60.8	ug/L	5.0	1		05/09/19 16:5	50 7440-50-8	
Lead	ND	ug/L	3.0	1		05/09/19 16:5	50 7439-92-1	
Sample: BGS-003	Lab ID: 924	27872003	Collected: 05/02/1	19 06:40	Received:	05/03/19 10:27	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS DW, No Prep	Analytical Met	hod: EPA 20	00.8 Rev 5.4					
Copper	54.9	ug/L	5.0	1		05/09/19 16:5	3 7440-50-8	
Lead	ND	ug/L	3.0	1		05/09/19 16:5	53 7439-92-1	
Sample: BGS-004	Lab ID: 924	27872004	Collected: 05/02/1	19 06:42	Received:	05/03/19 10:27	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS DW, No Prep	Analytical Met	hod: EPA 20	00.8 Rev 5.4				•	
Copper	103	ug/L	5.0	1		05/14/19 12:3	30 7440-50-8	
Lead	ND	ug/L	3.0	1		05/14/19 12:3	30 7439-92-1	
Sample: BGS-005	Lab ID: 924	27872005	Collected: 05/02/1	19 06:44	Received:	05/03/19 10:27	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS DW, No Prep	Analytical Met	hod: EPA 20	00.8 Rev 5.4					
Copper	217	ug/L	5.0	1		05/14/19 12:3	3 7440-50-8	
Lead	20.6	ug/L	3.0	1		05/14/19 12:3		
Sample: BGS-006	Lab ID: 924	27872006	Collected: 05/02/1	19 06:45	Received:	05/03/19 10:27	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS DW, No Prep	— ———— — Analytical Met	hod: EPA 20	00.8 Rev 5.4					-
Copper	98.0	ug/L	5.0	1		05/14/19 12:3	36 7440-50-8	
• •		•						





ANALYTICAL RESULTS

Project: LEAD AND COPPER

Pace Project No.: 92427872

Date: 05/14/2019 03:29 PM

Pace Project No.: 92427872								
Sample: BGS-006	Lab ID: 924	27872006	Collected: 05/02/	19 06:45	Received: (05/03/19 10:27	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS DW, No Prep	Analytical Meth	nod: EPA 20	00.8 Rev 5.4					
Lead	ND	ug/L	3.0	1		05/14/19 12:3	6 7439-92-1	
Sample: BGS-007	Lab ID: 924	27872007	Collected: 05/02/	19 07:20	Received: (05/03/19 10:27	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS DW, No Prep	Analytical Meth	nod: EPA 20	00.8 Rev 5.4					
Copper Lead	33.5 ND	ug/L ug/L	5.0 3.0	1 1		05/09/19 21:4 05/09/19 21:4	2 7440-50-8 2 7439-92-1	
Sample: BGS-008	Lab ID: 924	27872008	Collected: 05/02/	19 06:48	Received: (05/03/19 10:27	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS DW, No Prep	Analytical Meth	nod: EPA 20	00.8 Rev 5.4			•	•	
Copper Lead	34.3 ND	ug/L ug/L	5.0 3.0	1 1		05/10/19 03:2 05/10/19 03:2	26 7440-50-8 26 7439-92-1	
Sample: BGS-009	Lab ID: 924	27872009	Collected: 05/02/	19 06:49	Received: (05/03/19 10:27	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS DW, No Prep	Analytical Meth	nod: EPA 20	00.8 Rev 5.4					
Copper Lead	68.8 ND	ug/L ug/L	5.0 3.0	1 1		05/10/19 03:2 05/10/19 03:2	23 7440-50-8 23 7439-92-1	
Sample: BGS-010	Lab ID: 924	27872010	Collected: 05/02/	19 06:53	Received: (05/03/19 10:27	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS DW, No Prep	Analytical Meth	nod: EPA 20	00.8 Rev 5.4					
Copper Lead	68.2 ND	ug/L ug/L	5.0 3.0	1 1		05/10/19 03:2 05/10/19 03:2		
Sample: BGS-011	Lab ID: 924	27872011	Collected: 05/02/	19 06:59	Received: (05/03/19 10:27	Matrix: Drinking	y Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS DW, No Prep	Analytical Meth	nod: EPA 20	00.8 Rev 5.4					
Copper Lead	60.3 ND	ug/L ug/L	5.0 3.0	1 1		05/10/19 03:3 05/10/19 03:3		

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ANALYTICAL RESULTS

Project: LEAD AND COPPER

Pace Project No.: 92427872

Date: 05/14/2019 03:29 PM

Sample: BGS-012	Lab ID: 924	27872012	Collected: 05/02/	19 07:01	Received:	05/03/19 10:27	Matrix: Drinking	n Water
•								-
Parameters	Results —	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS DW, No Prep	Analytical Met	hod: EPA 20	00.8 Rev 5.4					
Copper	85.0	ug/L	5.0	1			23 7440-50-8	
Lead	3.7	ug/L	3.0	1		05/09/19 20:2	23 7439-92-1	
Sample: BGS-013	Lab ID: 924	27872013	Collected: 05/02/	19 06:55	Received:	05/03/19 10:27	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS DW, No Prep	Analytical Met	hod: EPA 20	00.8 Rev 5.4					
Copper	52.8	ug/L	5.0	1			26 7440-50-8	
Lead	ND	ug/L	3.0	1		05/09/19 20:2	26 7439-92-1	
Sample: BGS-014	Lab ID: 924	27872014	Collected: 05/02/	19 06:51	Received:	05/03/19 10:27	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS DW, No Prep	Analytical Met	hod: EPA 20	00.8 Rev 5.4					
Copper	78.0	ug/L	5.0	1			29 7440-50-8	
Lead	ND	ug/L	3.0	1		05/09/19 20:2	29 7439-92-1	
Sample: BGS-015	Lab ID: 924	27872015	Collected: 05/02/	19 07:04	Received:	05/03/19 10:27	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS DW, No Prep	Analytical Met	hod: EPA 20	00.8 Rev 5.4					
Copper	43.2	ug/L	5.0	1			32 7440-50-8	
Lead	ND	ug/L	3.0	1		05/09/19 20:3	32 7439-92-1	
Sample: BGS-016	Lab ID: 924	27872016	Collected: 05/02/	19 07:09	Received:	05/03/19 10:27	Matrix: Drinking	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS DW, No Prep	Analytical Met	hod: EPA 20	00.8 Rev 5.4					
Copper	31.4	ug/L	5.0	1		05/09/19 20:3	35 7440-50-8	
Lead	ND	ug/L	3.0	1		05/09/19 20:3	35 7439-92-1	
Sample: BGS-017	Lab ID: 924	27872017	Collected: 05/02/	19 07:11	Received:	05/03/19 10:27	Matrix: Drinkin	g Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS DW, No Prep	Analytical Met	hod: EPA 20	00.8 Rev 5.4					
Copper	32.7	ug/L	5.0	1		05/09/19 20:4	14 7440-50-8	
		-						



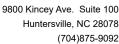
ANALYTICAL RESULTS

Project: LEAD AND COPPER

Pace Project No.: 92427872

Date: 05/14/2019 03:29 PM

·										
Sample: BGS-017	Lab ID: 924	27872017	Collected: 05/02/	19 07:11	Received: 0	5/03/19 10:27	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual		
200.8 MET ICPMS DW, No Prep	Analytical Metl	nod: EPA 20	00.8 Rev 5.4							
Lead	ND	ug/L	3.0	1	05/09/19 20:44 7439-92-1					
Sample: BGS-018	Lab ID: 924	27872018	Collected: 05/02/	19 07:15	Received: 05	5/03/19 10:27	Matrix: Drinking	Water		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual		
200.8 MET ICPMS DW, No Prep	Analytical Met	nod: EPA 20	00.8 Rev 5.4							
Copper	113	ug/L	5.0	1		05/09/19 20:5	59 7440-50-8			
Lead	ND	ug/L	3.0	1		05/09/19 20:5	59 7439-92-1			
Sample: BGS-019	Lab ID: 924	27872019	Collected: 05/02/	19 07:16	Received: 05	5/03/19 10:27	Matrix: Drinking	Water		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual		
200.8 MET ICPMS DW, No Prep	Analytical Met	nod: EPA 20	00.8 Rev 5.4							
Copper	68.4	ug/L	5.0	1		05/10/19 03:3	35 7440-50-8			
Lead	ND	ug/L	3.0	1		05/10/19 03:3	35 7439-92-1			





QUALITY CONTROL DATA

Project: LEAD AND COPPER

Pace Project No.: 92427872

Lead

Date: 05/14/2019 03:29 PM

QC Batch: 474150 Analysis Method: EPA 200.8 Rev 5.4

QC Batch Method: EPA 200.8 Rev 5.4 Analysis Description: 200.8 MET Drinking Water, No Prep

Associated Lab Samples: 92427872001, 92427872002, 92427872003, 92427872004, 92427872005, 92427872006, 92427872007,

92427872008, 92427872009, 92427872010, 92427872011, 92427872012, 92427872013, 92427872014,

92427872015, 92427872016

METHOD BLANK: 2570706 Matrix: Water

Associated Lab Samples: 92427872001, 92427872002, 92427872003, 92427872004, 92427872005, 92427872006, 92427872007,

92427872008, 92427872009, 92427872010, 92427872011, 92427872012, 92427872013, 92427872014, 924

92427872015, 92427872016

		Blank	Reporting		
Parameter	Units	Result	Limit	Analyzed	Qualifiers
Copper	ug/L	ND	5.0	05/09/19 16:18	
Lead	ug/L	ND	3.0	05/09/19 16:18	

ND

ug/L

50

LABORATORY CONTROL	L SAMPLE:	25707	707									
				Spike	LCS	;	LCS	% Rec	;			
Parameter			Units	Conc.	Resu	lt	% Rec	Limits	Qı	ıalifiers		
Copper			ug/L	50		49.5	99	85	-115			
Lead			ug/L	50		49.5	99	85	-115			
MATRIX SPIKE & MATRIX	K SPIKE DUI	PLICAT	E: 25707	08		2570709						
				MS	MSD							
		924	27871019	Spike	Spike	MS	MSD	MS	MSD	% Rec		
Parameter	l	Jnits	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	Qua
Copper		ug/L	110	50	50	162	155	104	91	70-130	4	
Lead	١	ug/L	ND	50	50	48.2	47.6	96	95	70-130	1	
	K SPIKE DUI	PLICAT	E: 25707	10		2570711						
MATRIX SPIKE & MATRIX				MS	MSD							
MATRIX SPIKE & MATRIX												
MATRIX SPIKE & MATRIX		924	27872007	Spike	Spike	MS	MSD	MS	MSD	% Rec		
MATRIX SPIKE & MATRIX Parameter	l	924 Jnits	27872007 Result		Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qua

50

44.7

46.1

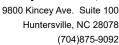
89

92

70-130

3

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.





QUALITY CONTROL DATA

Project: LEAD AND COPPER

Pace Project No.: 92427872

Lead

Date: 05/14/2019 03:29 PM

QC Batch: 474152 Analysis Method: EPA 200.8 Rev 5.4

QC Batch Method: EPA 200.8 Rev 5.4 Analysis Description: 200.8 MET Drinking Water, No Prep

Associated Lab Samples: 92427872017, 92427872018, 92427872019

METHOD BLANK: 2570716 Matrix: Water

ug/L

Associated Lab Samples: 92427872017, 92427872018, 92427872019

Blank Reporting Parameter Limit Qualifiers Units Result Analyzed Copper ND 5.0 05/09/19 20:38 ug/L Lead ug/L ND 3.0 05/09/19 20:38

LABORATORY CONTROL SAMPLE: 2570717 Spike LCS LCS % Rec Parameter Units Conc. Result % Rec Limits Qualifiers Copper 50 48.7 97 85-115

50

 Copper
 ug/L
 50
 48.7
 97
 85-115

 Lead
 ug/L
 50
 49.3
 99
 85-115

ND

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2570718 2570719 MSD MS 92427872017 Spike Spike MS MSD MS MSD % Rec Parameter Units Result Conc. Conc. Result Result % Rec % Rec Limits **RPD** Qual 32.7 Copper ug/L 50 50 79.5 77.9 94 90 70-130 2

50

49.2

50.2

98

100

70-130

2

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.



9800 Kincey Ave. Suite 100 Huntersville, NC 28078 (704)875-9092

QUALIFIERS

Project: LEAD AND COPPER

Pace Project No.: 92427872

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.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

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

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

TNI - The NELAC Institute.

LABORATORIES

Date: 05/14/2019 03:29 PM

PASI-A Pace Analytical Services - Asheville



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: LEAD AND COPPER

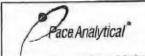
Pace Project No.: 92427872

Date: 05/14/2019 03:29 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytica Batch
92427872001	BGS-001	EPA 200.8 Rev 5.4	474150		
92427872002	BGS-002	EPA 200.8 Rev 5.4	474150		
92427872003	BGS-003	EPA 200.8 Rev 5.4	474150		
92427872004	BGS-004	EPA 200.8 Rev 5.4	474150		
2427872005	BGS-005	EPA 200.8 Rev 5.4	474150		
92427872006	BGS-006	EPA 200.8 Rev 5.4	474150		
92427872007	BGS-007	EPA 200.8 Rev 5.4	474150		
2427872008	BGS-008	EPA 200.8 Rev 5.4	474150		
2427872009	BGS-009	EPA 200.8 Rev 5.4	474150		
2427872010	BGS-010	EPA 200.8 Rev 5.4	474150		
2427872011	BGS-011	EPA 200.8 Rev 5.4	474150		
92427872012	BGS-012	EPA 200.8 Rev 5.4	474150		
2427872013	BGS-013	EPA 200.8 Rev 5.4	474150		
92427872014	BGS-014	EPA 200.8 Rev 5.4	474150		
2427872015	BGS-015	EPA 200.8 Rev 5.4	474150		
92427872016	BGS-016	EPA 200.8 Rev 5.4	474150		
92427872017	BGS-017	EPA 200.8 Rev 5.4	474152		
92427872018	BGS-018	EPA 200.8 Rev 5.4	474152		
92427872019	BGS-019	EPA 200.8 Rev 5.4	474152		

DOCUMENT REVISED. February 7, 2020 Document Name: Page 1 of 2 Sample Condition Upon Receipt(SCUR) ace Analytical" Issuing Authority: Document No.: Pace Carolinas Quality Office F-CAR-CS-033-Rev.06 Laboratory receiving samples: Raleigh Mechanicsville Huntersville Asheville Greenwood Eden WO#:92427872 Sample Condition Client Name: Project #: Upon Receipt UPS USPS Client Courier: Fed Ex ☐ Commercial Pace Other: Date/Initials Person Examining Contents: 17 43-14 TNO **Custody Seal Present?** Yes No Seals Intact? Yes Biological Tissue Frozen? None Other Packing Material: Bubble Wrap Bubble Bags ☐Yes ☐No ☑N/A Thermometer: □(R Gun (D: 92T048 None Type of Ice: Wet Blue Cooler Temp (°C): Correction Factor: Add/Subtract (°C) 0.0 Temp should be above freezing to 6°C Samples out of temp criteria. Samples on ice, cooling process Cooler Temp Corrected (*C):. has begun USDA Regulated Soil (N/A, water sample) Did samples originate from a foreign source (internationally, Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? including Hawaii and Puerto Rico)? Yes Yes No Comments/Discrepancy: Chain of Custody Present? Yes □N/A □No Ves □No □N/A 2. Samples Arrived within Hold Time? Short Hold Time Analysis (<72 hr.)? ☐Yes ₽No □N/A 3. 4. No □N/A Rush Turn Around Time Requested? Yes Ves □No □N/A Sufficient Volume? Ves □No □N/A 6. Correct Containers Used? Ves No □N/A -Pace Containers Used? -Piyes □No □N/A Containers Intact? 8. Dissolved analysis: Samples Field Filtered? Yes □No. N/A □N/A Sample Labels Match COC? - Yes No 9. -Includes Date/Time/ID/Analysis Matrix: N/A 10. Headspace in VOA Vials (>5-6mm)? Ves No

Trip Blank Present?	□Yes	No	☑N/A	11.			
Trip Blank Custody Seals Present?	□Yes	No	ØN/A				
COMMENTS/SAMPLE DISCREPANCY						Field Data Required?	□Yes □
				Lot ID of split o	ontainers:		_
LIENT NOTIFICATION/RESOLUTION							
Person contacted:			_ Date/T	Ime:			
Project Manager SCURF Review:	TE	7		Dat	e:	76	_
Project Manager SRF Review:	E			Dat	e:	(G	_



Document Name: Sample Condition Upon Receipt(SCUR)

Document No.: F-CAR-CS-033-Rev.06 Document Revised: recruary 7, 2016 Page 1 of 2

Issuing Authority: Pace Carolinas Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottle

Project #

WO#:92427872

M: PTE

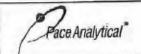
Due Date: 05/14/19

CLIENT: 92-ECS GBORO

Item#	BP4U-125 mt. Plastic Unpreserved (N/A) (CI-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP45-125 mL Plastic H25O4 (pH < 2) (CI+)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (CI-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (CI-)	AG15-1 liter Amber H2SO4 (pH < 2)	AG35-250 mL Amber H2504 (pH < 2)	AG3A(DG3A)-250 ml. Amber NH4Cl (N/A)(CI-)	DG9H-40 mL VOA HCI (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SPST-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2504 (9.3-9.7)	AGOU-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1	1	1			1	1	1	1			1		1	1									8	1	1			
2	/	1			1	1	1	1			1	4	1	1	1									1	1			
3	/	1			1	1	1	1			1		1	1	1									1	1			
4	1	1			1	1	1	1			1		1	1	1									1	1			
5	1	1			1	/	/	1			1		1	1	1									1	1			
6	/				/	/	1	/			1		1	1	1									1	1			
7	/	1			1	/	/	/			1		1	1	1									1	1			
8	/	1		-	1	1	1	/			1		1	1	/									1	1			
9	/	1	-		1	/	/	1			/		1	1	/									1	1			
10	/	1	-	-	/	/	/	/			/		1	1	/									1	1			
11	1	1	1	-	/	1	/	/		-	1		1	1	1	1								1	1		1	T
12	/	1	-		/	/	/	/			/	1	1	1	/									1	1			1

pH Adjustment Log for Preserved Samples											
rvative Lot #											

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.



Document Name: Sample Condition Upon Receipt(SCUR)

Document No.: F-CAR-CS-033-Rev.06 Document Revised: recruary 7, 2016 Page 1 of 2

Issuing Authority: Pace Carolinas Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottle

Project: WO#: 92427872

PM: PTE

Due Date: 05/14/19

CLIENT: 92-ECS GBORO

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (CI-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	8P1U-1 liter Plastic Unpreserved (N/A)	BP45-125 mL Plastic H2SO4 (pH < 2) (CI-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (CI-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (CI-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (CI-)	AG15-1 liter Amber H2SO4 (pH < 2)	AG35-250 mL Amber H2SO4 (pH < 2)	AG3A[DG3A]-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCI (N/A)	VG9T-40 mL VOA Na252O3 (N/A)	VG9U-40 mL.VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)		BP3A-250 mL Plastic (NH2)2504 (9.3-9.7)	AGOU-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1	1	1			1	1	1	1			1		1	1	1									1	1			
2	1	1			1	1	1	1			1	-	1	1	1									1	7			
3	1	1			1	1	1	1			1		1	1	1									7	7			
4	1	1			1	1	1	1			1		1	1	1									1	7			
5	1	1			1	1	1	1			1		1	1	1									7	7			
6	1	1			1	1	1	1			1		1	1	1									1	7			
7	1	1			1	1	1	1			1		1	1	1									1	1			
8	/	1			1	1	1	1			1		1	1	1									1	1			
9	1				1	1	1	1			1		1	1	1									1	1			
10	/				1	1	1	1			1		1	1	1					0				1	1			
11	1		-		1	1	1	1			1		1	1	1					1				1	1			
12	1	1	1	1	1	1	1	1	1		1	1	1	1	1									1	1			

	erved Samples	justment Log for Pres	pH Ad		
Amount of Preservative added	Time presevation adjusted	Date preservation adjusted	pH upon receipt	Type of Preservative	Sample ID
, -			-		
	The second secon	Time preservation Amount of Preservative	Date preservation adjusted Time preservation Amount of Preservative	pH upon receipt Date preservation adjusted Time preservation Amount of Preservative	Type of Preservative ph upon receipt Date preservation uspaces

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.



Section A

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

				mation:				_			orma	ion.				_					_		2.0	Page:	1	Of	1
Company:	ECS Greensboro		braham	son, Ryar	n				Attent	_	Berner.																
Address: Greensboro	4811 Koger Blvd	Сору То:							Addre		Vame:	_	_			_	_	_			_						
Email:	, NC 27407	Purchase Orde	r#:						Pace		0:	_	_	_	_		_	_		_	-	_		Regula	tory Agen	у	
Phone.	Fax	Project Name:		d and Co	pper						ct Mar	nager		tavio	or.eze	ll@p:	acela	abs.com				1000		State	/ Location		
Requested	Due Date:	Project #:							Pace	Profil	le #:	183				61									NC		
																\Box			Requeste	d Anal	ysis Filt	ered (Y	/N)				
	With	IX CODE ng Water DW WT Water WW et P elid SL OL	(G=GRAB C=COMP)	ST	COLLE		ND	T COLLECTION	s	I	Pi	esei	rvati	ves			Test Y/N					1		e (Y/N)			
ITEM #	One Character per box. Wip (A-Z, 0-9 / , -) Air Sample lds must be unique Tosa		MATRIX CODE (I SAMPLE TYPE (DATE	TIME	DATE	TIME	SAMPLE TEMP AT	# OF CONTAINERS	Unpreserved	HV504	HCI	NaOH	Na2S203	Methanol	Olhar	alyses	Lead and Coppe						Residual Chlorina (Y/N)	92	4279	67Z
1	BGS- DOI		30	5/2/19				1						1			1	4									100
2	BGS - 002		11	1	6:38			1										1									502
3	BGS - 003				640																						003
4	BGS-004				6:42			1																			004
5	BGS - 005		Ш		6:44			T																П			005
6	BGS - 006				6:45			T																			066
7	BGS - 007				7:20			1				Г															007
8	BGS - 008				6:48																						008
9	BGS-009				6:49																						009
10	BGS - 010				6:53			T					11														alo
11	BGS - 011				6:59												Ī	1						П	3		011
12	BGS - 012		11	V	7:01			V				I					1	V									012
	ADDITIONAL COMMENTS	RE	LINQUIS	HED BY /	AFFILIATIO	N .	DATE			IME		Į,		ACC	EPTE	BY	AFF	ILIATIO	N.	-01	DATE	-	TIME	1.2	SAMPLE	CONDITIONS	3
		-	2	4	_		5/3/	-	_			A	ne	20	nl	14	4	_			13/19		2/20		4		
		CL	-	Ph	_		5/31	19	16	10	1	10	1	_	- 4	1	_	7	/	4	5-3-10	5 1	610	724	N	N	Y
								-		_	+	-	_	_	_	_	_			-	_	-		-			
					SAMPLE	R NAME	AND SIGI	TAN	URE	3	-	-	-												-		
Page					PRI	NT Name	of SAMPI	LER	-	Ty	ler	U	Va	tk	in!	5								PinC	Received an ce (Y/N)	d dy	seles
15					SIGI	NATURE	of SAMPI	ER:	-	6/	ler	4	la	-	•			DA	TE Signe	d: ;	5/2	/19		TEMP	Recair los (Y/N)	Custody Sealed Cooler (Y/N)	Samp
of 16																											

	7
/	Pace Analytical
	Fact / Wanyingai

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

Requested		Project #:	(heii)						Pace			1834-	_			N/A		ted Analysis Fi	iltered	I (Y/N)		NC		
ITEM#	SAMPLE ID One Character per box. (A-Z, 0-9 /, -) Sample Ids must be unique Marter Misse Getter Getter Tissue	rater WW	MATRIX CODE (see valid codes to left)		TART		ND	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved		serv		Na2S203	Other	alvses Test					Residual Chlorine (Y/N)	GZU	1276-	77
1	BGS - 013		_	207112	4 6:55	DATE	TIME	83	1		1	_	-	-		1	Y				1		(513
2	MGB BGS-014		11	1	6:51				1			T	1	1		1	i							114
3	BGS - 015		Ш		7:04				1					7	1	1	HIII		П		П		(
4	BGS-016		Ш		7:09				1				1	1	T	1	H							16
5	B65-617		Ш		7:11				П	1			1			1			П					۱٦
6	BGS-018		Ш	11	7:15				1	1			1	1		1								16
7	B65-019		41	11	7:16				1				1	1		1	4							19
8			Ť,						П						T	1			П			111	0	,
9													1	T	T	1								
10													1	T	T	1								
11								1	П						1	1					П			
12		-							П	1					1	1					П			
	ADDITIONAL COMMENTS	THE R	RELING	JISHED BY	/ AFFILIATIO	ON	DATE	10	Т	ME				CCEP	TED E	BYIA	FFILIATION	DAT	nE .	TIME	15	SAMPLE C	CONDITIONS	
		-	4/	5	-		5/3/	19		15:0	_	7	=	^	1	M.	X	8/3		10.27				
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		-	_					-	-	-	+	_		_	_	_			-					
					SAMPLE	R NAME	AND SIGN	VATU	JRE													-		
Page					PRI	NT Name	of SAMPI	LER:	-	Tyl	er 0	NI	dk	ins							TEMP in C	Received on loe (Y/N)	Custody Sealed Cooler (Y/N)	sey
																			-		E 12	Receip (Y/N)		0



(704)875-9092



June 01, 2019

John Lair ECS Limited, LLC

,

RE: Project: LEAD AND COPPER SEDGEFIELD

Pace Project No.: 92430424

Dear John Lair:

Enclosed are the analytical results for sample(s) received by the laboratory on May 23, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Taylor Ezell

taylor.ezell@pacelabs.com

(704)875-9092 Project Manager

Enclosures

cc: Ryan Abrahamson, ECS Greensboro





Pace Analytical www.pacelabs.com

9800 Kincey Ave. Suite 100 Huntersville, NC 28078 (704)875-9092

CERTIFICATIONS

Project: LEAD AND COPPER SEDGEFIELD

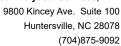
Pace Project No.: 92430424

Asheville Certification IDs

2225 Riverside Drive, Asheville, NC 28804 Florida/NELAP Certification #: E87648 Massachusetts Certification #: M-NC030

North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40 South Carolina Certification #: 99030001 Virginia/VELAP Certification #: 460222



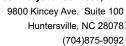


SAMPLE ANALYTE COUNT

Project: LEAD AND COPPER SEDGEFIELD

Pace Project No.: 92430424

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92430424001	017-R1	EPA 200.8 Rev 5.4	SER	2	PASI-A
92430424002	005-R1	EPA 200.8 Rev 5.4	SER	2	PASI-A
92430424003	135-R1	EPA 200.8 Rev 5.4	SER	2	PASI-A



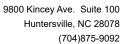


SUMMARY OF DETECTION

Project: LEAD AND COPPER SEDGEFIELD

Pace Project No.: 92430424

Lab Sample ID	Client Sample ID					
Method	Parameters —	Result	Units	Report Limit	Analyzed	Qualifiers
92430424001	017-R1					
EPA 200.8 Rev 5.4	Copper	22.6	ug/L	5.0	06/01/19 00:05	
92430424003	135-R1					
EPA 200.8 Rev 5.4	Copper	25.4	ug/L	5.0	06/01/19 00:15	





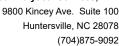
ANALYTICAL RESULTS

Project: LEAD AND COPPER SEDGEFIELD

Pace Project No.: 92430424

Date: 06/01/2019 09:05 AM

Sample: 017-R1	Lab ID: 924	30424001	Collected: 05/21/1	19 15:40	Received: 05	5/23/19 10:25	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS DW, No Prep	Analytical Meth	nod: EPA 20	00.8 Rev 5.4					
Copper	22.6	ug/L	5.0	1		06/01/19 00:0	5 7440-50-8	
Lead	ND	ug/L	3.0	1		06/01/19 00:0	05 7439-92-1	
Sample: 005-R1	Lab ID: 924	30424002	Collected: 05/21/1	19 15:30	Received: 05	5/23/19 10:25	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS DW, No Prep	Analytical Meth	nod: EPA 20	00.8 Rev 5.4					
Copper	ND	ug/L	5.0	1		06/01/19 00:1	12 7440-50-8	
Lead	ND	ug/L	3.0	1		06/01/19 00:1	12 7439-92-1	
Sample: 135-R1	Lab ID: 924	30424003	Collected: 05/22/1	19 15:30	Received: 05	5/23/19 10:25	Matrix: Drinking	Water
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
200.8 MET ICPMS DW, No Prep	Analytical Meth	nod: EPA 20	00.8 Rev 5.4					
Copper	25.4	ug/L	5.0	1		06/01/19 00:1	15 7440-50-8	
Lead	ND	ug/L	3.0	1		06/01/19 00:1	15 7439-92-1	





QUALITY CONTROL DATA

Project: LEAD AND COPPER SEDGEFIELD

Pace Project No.: 92430424

Date: 06/01/2019 09:05 AM

QC Batch: 478544 Analysis Method: EPA 200.8 Rev 5.4

QC Batch Method: EPA 200.8 Rev 5.4 Analysis Description: 200.8 MET Drinking Water, No Prep

Associated Lab Samples: 92430424001, 92430424002, 92430424003

METHOD BLANK: 2590488 Matrix: Water

Associated Lab Samples: 92430424001, 92430424002, 92430424003

Blank Reporting Limit Qualifiers Parameter Units Result Analyzed Copper ND 5.0 05/31/19 22:55 ug/L Lead ug/L ND 3.0 05/31/19 22:55

LABORATORY CONTROL SAMPLE: 2590489

Spike LCS LCS % Rec
Parameter Units Conc. Result % Rec Limits Qualifiers

 Copper
 ug/L
 50
 50.2
 100
 85-115

 Lead
 ug/L
 50
 49.5
 99
 85-115

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2590490 2590491

MSD MS 92430884001 Spike Spike MS MSD MS MSD % Rec Parameter Units Result Conc. Conc. Result Result % Rec % Rec Limits **RPD** Qual 222 Copper ug/L 50 50 269 269 95 93 70-130 0 19.1 Lead ug/L 50 50 69.2 69.6 100 101 70-130 1

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.



9800 Kincey Ave. Suite 100 Huntersville, NC 28078 (704)875-9092

QUALIFIERS

Project: LEAD AND COPPER SEDGEFIELD

Pace Project No.: 92430424

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.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

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

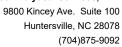
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

Date: 06/01/2019 09:05 AM

PASI-A Pace Analytical Services - Asheville





QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: LEAD AND COPPER SEDGEFIELD

Pace Project No.: 92430424

Date: 06/01/2019 09:05 AM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92430424001	017-R1	EPA 200.8 Rev 5.4	478544		
92430424002	005-R1	EPA 200.8 Rev 5.4	478544		
92430424003	135-R1	EPA 200.8 Rev 5.4	478544		

ace Analytical "

Project Manager SCURF Review:

Project Manager SRF Review:

Document Name: Sample Condition Upon Receipt(SCUR)

Document No.:

Document Revised: February 7, 2018 Page 1 of 2

Issuing Authority: Pace Carolinas Quality Office F-CAR-C5-033-Rev.06 Laboratory receiving samples: Huntersville Raleigh Mechanicsville Asheville Eden Greenwood 0#:92430424 Sample Condition Client Name: **Upon Receipt** Courier: Client ☐ Commercial Pace Other No **Custody Seal Present? □**Yes Seals Intact? Date/Initials Person Examining Contents: 9M 723/19 **Biological Tissue Frozen?** Packing Material: Bubble Wrap ☐Yes ☐No ☐N/A Thermometer: IR Gun ID: 92T048 Type of Ice: Wet Blue None Cooler Temp (°C): Correction Factor: Add/Subtract (°C) 0.0 Temp should be above freezing to 6°C Cooler Temp Corrected (°C): Samples out of temp criteria. Samples on ice, cooling process has begun USDA Regulated Soil (N/A, water sample) Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes . Yes ☑No NO Comments/Discrepancy: Yes Chain of Custody Present? No □N/A 1. Yes Samples Arrived within Hold Time? No 2. □N/A Short Hold Time Analysis (<72 hr.)? Yes PNo 3. □N/A Rush Turn Around Time Requested? Yes No □N/A 4. 5. Yes Sufficient Volume? No □N/A Yes Correct Containers Used? No □N/A 6. -Pace Containers Used? Yes □No □N/A Yes 7. Containers Intact? □No □N/A DN/A Dissolved analysis: Samples Field Filtered? Yes □No 8. Sample Labels Match COC? Ves No □N/A 9. -Includes Date/Time/ID/Analysis Matrix: Headspace in VOA Vials (>5-6mm)? □N/A □Yes □No 10. Trip Blank Present? No □N/A 11. Yes ☑N/A Trip Blank Custody Seals Present? ☐ Yes No COMMENTS/SAMPLE DISCREPANCY Field Data Required? Tyes No Lot ID of split containers: CLIENT NOTIFICATION/RESOLUTION Person contacted: Date/Time:



Document Name: Sample Condition Upon Receipt(SCUR)

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*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottle

Project # WO# : 92430424

PM: PTE

Due Date: 06/04/19

CLIENT: 92-ECS

	BP4U-125 mL Plastic Unpreserved (N/A) (CI-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (CI-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (CI-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (CI-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A[DG3A]-250 mL Amber NH4CI (N/A)(CI-)	DG9H-40 mL VOA HCI (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)25O4 (9.3-9.7)	AGOU-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
ltem#	BP4U-125	8P3U-250	BP2U-500	8P1U-1 lit	BP4S-125	BP3N-250	BP4Z-125	BP4C-125	WGFU-Wi	AG1U-1 lit	AG1H-1 lit	AG3U-250	AG1S-1 lite	AG3S-250	AG3A(DG3	DG9H-40 r	VG9T-40 n	VG9U-40 r	DG9P-40 r	VOAK (6 v	V/GK (3 vi	SP5T-125	SP2T-250		BP3A-250	AG0U-100	VSGU- 20 r	DG9U-40 r
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Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will besent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

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

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									Invoice Information:													L	Pag	e:	1	Of	1			
Company	ECS Greensboro	Report To: Abrahamson, Ryan								Attention: Company Name:																				
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Greensboro, NC 27407									Addr													100	Regulatory Agency							
Email: Purchase Order #:						dalla			Quote																					
										Projec		nager:		taylor.	ezell@	@рас	elabs.	com,				-56	State / Location							
Requested Due Date: Project #: (ace Profile #: 1834-5													NC						
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ITEM #	One Character per box. (A-Z, 0-91, -) Sample lds must be unique Tissue		MATRIX CODE (s		TIME	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	HNO3	HCI	NaOH	Na2S203	Methanol	alyses	Lead and Coppe									Residual Chlorine	421	B04	24	
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