

Laboratory Report

Report Date: 09/29/2022
Date Received: 09/15/2022

Steve Davis
City of Archdale
307 Balfour Drive
High Point, NC 27263

Project: City of Archdale-W. White Ck
Pace Project No.: 92625752

Sample: W. White Ck		Lab ID: 92625752001	Collected: 09/15/22 08:00	Matrix: Water		
Method	Parameters	Results	Units	Report Limit	Analyzed	Qualifiers
SM 2120E Color ADMI-1993	Color, ADMI	ND	units	25.0	09/16/22 09:03	
SM 2120E Color ADMI-1993	Adjusted Color, ADMI	ND	units	25.0	09/16/22 09:03	
SM 2120E Color ADMI-1993	pH	6.9	units	1.0	09/16/22 09:03	
SM 2120E Color ADMI-1993	Adjusted pH, ADMI	7.6	units	1.0	09/16/22 09:03	
EPA 350.1 Rev 2.0 1993	Nitrogen, Ammonia	ND	mg/L	0.10	09/19/22 14:14	
SM 5910B-2011	U254 UV Absorbing Organic	0.081	cm-1	0.0050	09/15/22 17:55	
SM 9223 COLILERT MPN	Total Coliforms	2420	MPN/100mL	1.0	09/16/22 15:40	EI
SM 9223 COLILERT MPN	E.coli	37.9	MPN/100mL	1.0	09/16/22 15:40	D6
EPA 1664B	Total Petroleum Hydrocarbons	ND	mg/L	5.0	09/27/22 00:50	
EPA 8015C	Diesel Range Organics(C10-C28)	ND	mg/L	0.50	09/20/22 12:01	
EPA 5030B/8015C	Gas Range Organics (C6-C10)	ND	mg/L	0.080	09/19/22 17:46	
EPA 200.8 Rev 5.4	Boron	ND	ug/L	50.0	09/26/22 19:34	R1
EPA 200.8 Rev 5.4	Potassium	3120	ug/L	100	09/26/22 19:34	R1
EPA 200.8 Rev 5.4	Hardness, Total(SM 2340B)	104000	ug/L	4560	09/27/22 00:02	
EPA 120.1-1982	Specific Conductance	345	umhos/cm	10.0	09/17/22 11:30	
SM 2130B-2011	Turbidity	3.5	NTU	1.0	09/16/22 04:07	
EPA 300.0 Rev 2.1 1993	Fluoride	0.16	mg/L	0.10	09/20/22 15:33	

ANALYTE QUALIFIERS

- D6 The precision between the sample and sample duplicate exceeded laboratory control limits.
- EI Reported value should be considered a minimum estimate since it is the maximum reportable number for this method based on the sample volume used. The true value is likely greater than the value reported.
- R1 RPD value was outside control limits.

Reviewed by: Stephanie Knott
Stephanie Knott
704-977-0981
stephanie.knott@pacelabs.com

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Laboratory ID: 99006

South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DoH Drinking Water #: LA029
Virginia/VELAP Certification #: 460221



Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804

Florida/NELAP Certification #: E87648

North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40

South Carolina Laboratory ID: 99030

South Carolina Certification #: 99030001

Virginia/VELAP Certification #: 460222

Pace Analytical Services Eden

205 East Meadow Road Suite A, Eden, NC 27288

North Carolina Drinking Water Certification #: 37738

North Carolina Wastewater Certification #: 633

Virginia/VELAP Certification #: 460025

WO#: 92625752



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

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at <https://info.pacelab.com>

Section A

Required Client Information:
 Company: City of Archdale
 Address: 307 Balfour Drive
 High Point, NC 27263
 Email: sdavis@archdale-nc.gov
 Phone: (336)434-7362 Fax: _____

Section B

Required Project Information:
 Report To: Chris Davis
 Copy To: **Steve Davis**
 Address: _____
 Project Name: Stormwater
 Project #: _____

Section C

Invoice Information:
 Attention: _____
 Company Name: _____
 Address: _____
 Pace Quote: _____
 Pace Project Manager: stephanie.knott@pacelabs.com
 Pace Profile #: 12962-1

Regulatory Agency: _____
State / Location: NC

Page: 1

ITEM #	MATRIX	CODE	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
			START	END									
1	Drinking Water	DW	9-15-22 9:00 AM	9/15/22 9:00 AM			Steve Davis	9/15/22	9:00 AM	Stephanie Knott	9/15/22	9:00 AM	Sealed, Custody, Received on
2	Waste Water	WW											Sealed, Custody, Received on
3	Water	WT											Sealed, Custody, Received on
4	Product	P											Sealed, Custody, Received on
5	Soil/Solid	SL											Sealed, Custody, Received on
6	Oil	OL											Sealed, Custody, Received on
7	Wipe	WP											Sealed, Custody, Received on
8	Air	AR											Sealed, Custody, Received on
9	Other	OT											Sealed, Custody, Received on
10	Tissue	TS											Sealed, Custody, Received on
11													Sealed, Custody, Received on
12													Sealed, Custody, Received on

Requested Analysis Filtered (Y/N)

Residual Chlorine (Y/N)	
MBAS (Foaming Agent, Surf)	
Spec Cond/ Fluoride	
200.7 Metals B, K, Tot Har	
8015 DRO	
Gasoline Range Organics	
Oil and Grease by 1664	
E. Coll	
ammonia	
UV254/Turbidity	
Color, ADM	

Analyses Test Y/N

Other	
Methanol	
Na2S2O3	
NaOH	
HCl	
HNO3	
H2SO4	
Unpreserved	
# OF CONTAINERS	

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: Joe Wells
 SIGNATURE of SAMPLER: *Joe Wells*
 DATE Signed: 9-15-22



Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville



Client Name: City of Archdale

Project #:

Courier: Commercial Fed Ex Pace UPS USPS Client Other: _____

Carrier Tracking Number: _____

Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initials Person Examining Contents: SAC

Packing Material: Bubble Wrap Bubble Bags None Other

Biological Tissue Frozen? Yes No N/A

Thermometer: IR Gun ID: KET002 Type of Ice: Wet Blue None

Cooler Temp (°C): 3.1 Correction Factor: Add / Subtract (°C) -0.1

Temp should be above freezing to 6°C Samples out of temp criteria. Samples on ice, cooling process has begun

Corrected Cooler Temp (°C): 4.0

USDA Regulated Soil (N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? Yes No

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

			Comments/Discrepancy:
Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.	
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.	
Short Hold Time Analysis (<72 hr.)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.	<u>Color/UV254/Turb/E-Coli/MBAS</u>
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.	
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.	
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.	
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.	
Dissolved analysis: Samples Field Filtered?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	8.	
Sample Labels Match COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.	
-Includes Date/Time/ID/Analysis Matrix: <u>WT</u>			
Headspace in VOA Vials (>5-6mm)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	10.	
Trip Blank Present?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.	
Trip Blank Custody Seals Present?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? Yes No

Lot ID of split containers: _____

CLIENT NOTIFICATION/RESOLUTION

Temp Log: Temp must be maintained at <6 C during login, record temp every 20 minutes.

Time opened: 0925 Temp: 4.0

Time: 0938 put in cooler

Time: _____ Temp: _____

Person Contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ Date: _____

Project Manager SRF Review: _____ Date: _____



Document Name:
Bottle Identification Form (BIF)
Document No.:
F-CAR-CS-043-Rev.01

Document Issued: November 15, 2021
Page 1 of 1
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.

Project #

City of Archdale

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

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

Matrix	Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	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) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGfU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2SO3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (3 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)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)		
	1		22			111					22						3		3					1						
	2																													
	3																													
	4																													
	5																													
	6																													
	7																													
	8																													
	9																													
	10																													
	11																													
	12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	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.



Meritech, Inc.
Environmental Laboratory
 Laboratory Certification No. 165

Contact: Stephanie Knott
 Client: Pace Analytical
 106 Short St
 Kernersville, NC 27284

Report Date: 9/28/2022
 Project: 92625752
 P.O. #: SJK92625752
 Date Sample Rcvd: 9/16/2022

Meritech Work Order # 09162201 Sample: City of Archdale 9/15/22

<u>Parameters</u>	<u>Result</u>	<u>Analysis Date</u>	<u>Reporting Limit</u>	<u>Method</u>
MBAS (as LAS 340)	<0.10 mg/L	9/16/22	0.10 mg/L	SM 5540 C

I hereby certify that I have reviewed and approve these data.



 Laboratory Representative

