



Environmental Laboratory Certification Program

In accordance with the provisions of Regulation 61-81, entitled "State Environmental Laboratory Certification Regulations"

**ROGERS & CALLCOTT COLUMBIA
215B STONERIDGE DR
COLUMBIA, SOUTH CAROLINA 29210-8009**

is hereby certified to perform analyses as documented on the attached parameter list(s). This certification does not guarantee validity of the data generated, but indicates the laboratory's adherence to prescribed methodology, quality control, records keeping, and reporting procedures. This certificate is the property of S.C. DHEC and must be surrendered upon demand. This certificate is non-transferable and is valid only for the parameters and methodology listed on the attached parameter list(s).

Laboratory Director: REBECCA MUSICK
Certifying Authority: SC
Date of Issue: October 22, 2019
Date of Expiration: May 03, 2020
Certificate Number: 40572001



Program Manager
Office of Environmental Laboratory Certification

**SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM**

ROGERS & CALLCOTT COLUMBIA (Laboratory ID 40572)

Laboratory Director: REBECCA MUSICK

Certifying Authority: SC

Certificate Number: 40572001

Date of Issue: October 22, 2019

Expiration Date: May 03, 2020

CLEAN WATER ACT

INORGANIC - DEMAND

BIOCHEMICAL OXYGEN DEMAND(BOD)	SM 5210 B-2011	5 DAY DO DEPLETION
CARBONACEOUS BOD	SM 5210 B-2011	5 DAY DO DEPLETION
DISSOLVED OXYGEN	SM 4500-O G-2011	ELECTRODE

INORGANIC - MINERAL

ALKALINITY	SM 2320 B-2011	TITRIMETRIC
HYDROGEN-ION CONC. (PH)	SM 4500-H B-2011	ELECTROMETRIC MEASUREMENT

INORGANIC - MISCELLANEOUS

RESIDUAL CHLORINE	SM 4500-CL G-2011	DPD COLORIMETRIC METHOD
TEMPERATURE	SM 2550 B-2010	THERMOMETRIC

INORGANIC - NUTRIENT

NITRITE-NITROGEN	SM 4500-NO2 B-2011	SPECTROPHOTOMETRIC (MANUAL)
------------------	--------------------	-----------------------------

INORGANIC - RESIDUE

RESIDUE, NONFILTERABLE (TSS)	SM 2540 D-2011	GRAVIMETRIC 103-105
------------------------------	----------------	---------------------

INORGANIC - TRACE METAL

CHROMIUM, HEXAVALENT SAMPLING FOR LOW-LEVEL METALS	SM 3500-CR B-2011 EPA 1669 (1996)	COLORIMETRIC (DIPHYENYL CARBAZIDE) SAMPLING FOR LOW-LEVEL METALS
---	--------------------------------------	---

MICROBIOLOGY

E. COLI (MPN) FECAL COLIFORM (MPN)	SM 9223 B-2004 COLILERT-18 (2010)	COLILERT/COLILERT-18 MULTIPLE WELL
---------------------------------------	--------------------------------------	---------------------------------------

SAFE DRINKING WATER ACT

INORGANIC - MINERAL

ALKALINITY	SM 2320 B-2011	TITRIMETRIC
CALCIUM - HARDNESS (CACO3)	SM 3500-CA B-2011	TITRIMETRIC (EDTA)
HYDROGEN-ION CONC. (PH)	SM 4500-H B-2011	ELECTROMETRIC MEASUREMENT

**SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM**

ROGERS & CALLCOTT COLUMBIA (Laboratory ID 40572)
Laboratory Director: REBECCA MUSICK
Certifying Authority: SC
Certificate Number: 40572001

Date of Issue: October 22, 2019
Expiration Date: May 03, 2020

SAFE DRINKING WATER ACT

INORGANIC - MISCELLANEOUS

RESIDUAL CHLORINE	SM 4500-CL G-2011	DPD COLORIMETRIC METHOD
-------------------	-------------------	-------------------------

INORGANIC - NUTRIENT

NITRITE-NITROGEN	SM 4500-NO2 B-2011	SPECTROPHOTOMETRIC (MANUAL)
------------------	--------------------	-----------------------------

MICROBIOLOGY

HETEROTROPHIC BACTERIA	SIMPLATE (2000)	IDEXX SIMPLATE MULTIPLE WELL TEST METHOD
TOTAL COLIFORM/E.COLI	SM 9223 B-2004	COLILERT/COLILERT-18
TOTAL COLIFORM/E.COLI(MPN)	SM 9223 B-2004	COLILERT/COLILERT-18

SOLID & HAZARDOUS WASTES

INORGANIC - MINERAL

HYDROGEN-ION CONC. (PH)	EPA 9040C (2004)	ELECTROMETRIC
-------------------------	------------------	---------------