



Table 7A. PFOA and PFOS from SCDHEC Sampling of Surface Water Sourced Community Drinking Water Systems that Provided PFAS Data to SCDHEC

System Number		Sampling Date	Concentration in nanograms per liter (ng/L) [parts per trillion]						Field Blank Collected ^c	
Number	Name		USEPA Method 537.1			USEPA Method 533				
			PFOA ^{a,b}	PFOS ^{a,b}	Σ PFOA + PFOS	PFOA	PFOS	Σ PFOA + PFOS		
0820008	Santee Cooper Regional Water	16-Sep-20	4.0	6.3	10.3	* ^d	*	*	√	
0720003	Beaufort Jasper Water and Sewer	Chelsea	21-Sep-20	5.1	4.6	9.7	4.8	5.4	10.2	√
0720004		Purrysburg	21-Sep-20	4.6	4.7	9.3	4.6	6.2	10.8	√
1010001	Charleston Water System	16-Sep-20	2.7	5.5	8.2	3.8	7.5	11.3	√	
2310005	Greer Commission of Public Works	14-Sep-20	*	*	*	*	*	*	√	
2620004	Grand Strand Water and Sewer Authority	Bull Creek	22-Sep-20	6.3	8.2	14.5	7.7	9.1	16.8	√
2620009		Myrtle Beach	22-Sep-20	*	2.7	*	*	2.0	2.0	√
3010002	Clinton	14-Sep-20	6.2	6.1	12.3	6.7	8.3	15.0	√	
3210003	Cayce	16-Sep-20	Not Analyzed by Method 537.1			3.7	5.3	9.0	--	
3810001	Orangeburg	15-Sep-20	*	2.4	2.4	*	3.0	3.0	√	
3820003	Lake Marion Regional	15-Sep-20	3.6	4.0	7.6	4.6	5.3	9.9	√	
3910002	Easley Combined Utilities	14-Sep-20	*	*	*	*	*	*	√	
4610002	Rock Hill	23-Sep-20	Not Analyzed by Method 537.1			2.4	2.0	4.4	√	

- Notes:
1. See Table 7 for PFOA and PFOS Data Provided to SCDHEC by the Water Systems
 2. All samples were collected from finished water from each well by SCDHEC staff immediately prior to entering the distribution system

- a. PFOA = perfluorooctanoic acid; PFOS = perfluorooctanesulfonic acid
- b. USEPA Drinking Water Lifetime Health Advisory (LHA) for PFOA and PFOS individually or in sum is 70 ng/L
- c. by USEPA Method 537.1; all analytes <2.0 ng/L
- d. * = not detected; detection limit for both analytical methods was 2.0 ng/L; none elevated