



Table 9. PFOA and PFOS Data from Groundwater Wells Used by Drinking Water Utilities that also have Surface-Sourced Plants

System		Well		Sampling Date	Results in nanograms per liter (ng/L) [parts per trillion] by USEPA Method 537.1		
Number	Name	Name	Estimated Customers Served		PFOA ^{a,b.}	PFOS ^{a,b.}	Σ PFOA + PFOS
SC0220006	Breezy Hill Water District	Well 5 Midland Valley	See Table 1	1-Dec-20	*	*	*
		Well 3 Hill Street		1-Dec-20	5.0	4.1	9.1
		Well 9 Hayes Drive No. 2		1-Dec-20	*	*	*
		Well 6 New Woodridge		1-Dec-20	*	*	*
		Well 7 Greenfield		1-Dec-20	*	*	*
		Well 13 Bettis Academy		1-Dec-20	*	10	10
		Well 12 Sage Mill -- Tank Site		1-Dec-20	*	*	*
		Well 11 Edisto		1-Dec-20	5.1	2.5	7.6
		Well 10 Ascauga Lake		1-Dec-20	*	*	*
		Well 8 Hayes Drive		1-Dec-20	*	2.8	2.8
		Well 1 Office		1-Dec-20	*	*	*
		Chaulk Bed Rd (New Well)		1-Dec-20	*	*	*
		SC0720003		Beaufort Jasper Water & Sewer Authority	Rose Hill Well 1 Bluffton 4	See Table 7	27-Aug-20
Rose Hill Well 3	27-Aug-20		*		*		*
SCAD Equestrian	20-Aug-20		*		*		*
Bluffton Well 3	27-Aug-20		*		*		*
Road 34 Near Forest (CELV)	20-Aug-20		4.2		4.0		8.2
	19-Nov-20		*		*		*
Hardeeville Well 3	20-Aug-20		3.9		22		25.9
	19-Nov-20		*		*		*
Highway 170 Shady Oaks	20-Aug-20		4.1		4.0		8.1
SC2110001	City of Florence	Well 35 Roberta Terrace	See Table 1	30-Jul-20	*	*	*
		Well 34 Red Bud Lane		30-Jul-20	*	*	*
		Well 28 Santiago Drive		30-Jul-20	*	*	*
		Well Highway 403 -- Timmonsville		30-Jul-20	*	*	*
		Well 18 Irby Street		30-Jul-20	*	*	*
		Well 17 Dexter Drive		30-Jul-20	*	*	*
		Well 21 Darlington Street		30-Jul-20	*	*	*
		Well 22 McCowan St		30-Jul-20	*	*	*
		Well 45 Alligator Road -- Deep		30-Jul-20	*	*	*
		Alligator Shallow		30-Jul-20	*	*	*
		SC3410001		City of Bennettsville	Odom Road	See Table 1	20-Oct-20
Coxe Road	20-Oct-20		*		*		*
Old Beauty Spot Road	20-Oct-20		*		*		*
Gibson Highway	20-Oct-20		*		2.2		2.2
Sandy Grove Church Road	20-Oct-20		*		*		*
New Beauty Spot Road	20-Oct-20		12		3.2		15.2
Old Beauty Spot Well 2	20-Oct-20		*		*		*
Gibson Highway Well 2	20-Oct-20		*		2.2		2.2
SC2210001	City of Georgetown	Well 1/Maryville 2	See Table 1	30-Sep-20	*	*	*
SC2620004	Grand Strand Water and Sewer Authority	Tern Hall No. 25	131,802 ^d	30-Sep-20	*	*	*
		Perry Road		30-Sep-20	*	*	*
		Long Bay No. 4		30-Sep-20	*	*	*
SC2620009	Grand Strand Water and Sewer Authority	Bay Road No. 21	25 ^d	30-Sep-20	*	*	*
		Wastewater Treatment Plant		30-Sep-20	*	*	*
		Myrtle Beach Blend Well 91		30-Sep-20	*	*	*
Observations			131,827^d	Range of Detects	3.9 -- 12	2.2 -- 22	2.2 - 25.9
				n/N^e	6/47	10/47	10/47
				No. > USEPA LHA (70 ng/L)	0	0	0

Note: 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. * = not detected; detection limit for USEPA Method 537.1 was 2.0 ng/L; none elevated

d. additional customers not accounted for in Tables 1 and 7.

e. n/N = number of detections/number of wells