USGS PFAS Sampling Results – Groundwater
August 2020 - February 2021

				PFSA (ng/L)							PFCA (ng/L)											FOSA (ng/L)	FOSAA (ng/L)		FTSA (ng/L)			Replacement/Other (ng/L)						
Site and Source Name	USGS or Sample ID	County	Date	PFBS	PFPeS	PFHxS	PFHpS	PFOS	PFNS	PFDS	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUnDA	PFDoDA	PFTrDA	PFTeDA	PFOSA	N-MeFOSAA	N-EtFOSAA	4:2 FTS	6:2 FTS	8:2 FTS	9Cl-PF3ONS	11Cl-PF3OUdS	ADONA	HFPO-DA	PFOA+ PFOS (ng/L)	Total PFAS (ng/L)	Total PFAS includes estimated values?
ABCWUA - Burton 4	350343106363301	Bernalillo	2020-09-25																													--	--	
ABCWUA - Leavitt 2	350249106434201	Bernalillo	2021-02-09					1.3E																								1.3	1.3	Yes
ABCWUA - Walker 1	351025106323801	Bernalillo	2021-02-09																													--	--	
Roswell Water System - RIAC 1	331843104305001	Chaves	2020-10-28																													--	--	
Roswell Water System - RIAC 4	331843104315001	Chaves	2020-10-28																													--	--	
Roswell Water System - Well 12	332137104303901	Chaves	2020-10-28																													--	--	
Clovis Municipal Airport - Well 1	342537103051201	Curry	2020-11-17																													--	--	
Desert Ranch MDWCA - Well 1	342439103190901	Curry	2021-02-08																													--	--	
Grady Water System - Well 1	344916103190001	Curry	2020-09-25									4.3	2.7																			--	7.0	No
Grady Water System - Well 1	344916103190001	Curry	2021-01-13									4.4	2.9																			--	7.3	No
Grady Water System - Well 2	344916103185801	Curry	2021-01-13									2.0E	1.3E																			--	3.3	Yes
Grady Water System - Well 3	344915103185101	Curry	2021-01-13																													--	--	
Longhorn Estates Water System - Well 2	342610103185401	Curry	2021-02-10																													--	--	
Love's Travel Center - Well 1	342342103084201	Curry	2020-12-16																													--	--	
Melrose Water System - Well 1	342525103390901	Curry	2020-12-15																													--	--	
Melrose Water System - Well 1	342525103390901	Curry	2021-02-10																													--	--	
Melrose Water System - Well 2	342528103390901	Curry	2020-08-25			2.0E		1.4E																								1.4	3.4	Yes
Melrose Water System - Well 2	342528103390901	Curry	2021-02-10																													--	--	
Melrose Water System - Well 3	342450103380101	Curry	2021-01-14	1.5E	1.2E	11.8		2.9																								2.9	17.4	Yes
Melrose Water System - Well 4	342446103380101	Curry	2021-01-14																													--	--	
Ned Houk Park Area 11 - Well 1	343053103111201	Curry	2020-09-09																							5.8E						--	5.8	Yes
Ned Houk Park Area 11 - Well 1	343053103111201	Curry	2021-02-11																													--	--	
Texico Water System - KKR well	342322103025301	Curry	2020-12-16																													--	--	
Texico Water System - KKR well	342322103025301	Curry	2021-02-09																													--	--	
Texico Water System - Meeks Pivot well	342220103023302	Curry	2021-02-09																													--	--	
Texico Water System - Tower well	342326103024501	Curry	2020-12-16	28.8							17.8	20.1	8.0																			--	74.7	No
Texico Water System - Tower well	342326103024501	Curry	2021-02-09	32.4							19.0	19.9	9.0																			--	80.3	No
Turqoise Estates Water Coop - Well 1	342444103182201	Curry	2021-01-12	6.7	1.7E	2.6					7.7	14.0	11.2																			--	43.9	Yes
Turqoise Estates Water Coop - Well 3	342444103180601	Curry	2021-01-12	2.0E		3.4						5.0	5.4																			--	15.8	Yes
Lake Section WC - Butler well	320302106253101	Doña Ana	2021-01-13																													--	--	
Lake Section WC - Gruber well	320116106262101	Doña Ana	2021-01-13																													--	--	
Lake Section WC - Guffey well	320126106254001	Doña Ana	2021-01-13																													--	--	
Lake Section WC - Sylvia well	320153106254101	Doña Ana	2021-01-14																													--	--	
Lake Section WC - Well POD 13	320330106254801	Doña Ana	2021-01-14																													--	--	
Las Cruces Municipal Water System - Well 32	321806106461501	Doña Ana	2020-09-29																													--	--	
Las Cruces Municipal Water System - Well 59	321804106484001	Doña Ana	2020-09-29					1.8E																								1.8	1.8	Yes
Alamogordo Domestic Water System - Prather 1 North	324752105585301	Otero	2020-09-17																													--	--	
Alamogordo Domestic Water System - Prather 2 South	324711105585201	Otero	2020-09-18																													--	--	
Alamogordo Domestic Water System - Snake Tank well 5	331237106022002	Otero	2021-02-09																													--	--	
Alamogordo Domestic Water System - Well 2	325704105560701	Otero	2021-01-27																													--	--	
Alamogordo Domestic Water System - Well 3	325704105561801	Otero	2021-02-09																													--	--	
Alamogordo Domestic Water System - Well 4	325717105560601	Otero	2021-01-27																													--	--	
Alamogordo Domestic Water System - Well 5	325827105562201	Otero	2020-09-17																							10.9						--	10.9	No
Alamogordo Domestic Water System - Well 5	325827105562201	Otero	2021-02-10																													--	--	
Alamogordo Domestic Water System - Well 6	325648105561201	Otero	2021-01-27																													--	--	
Alamogordo Domestic Water System - Well 8	325745105561001	Otero	2021-01-27																													--	--	
Boles Acres Water System - Well 1	324827105585001	Otero	2020-12-22																													--	--	
Boles Acres Water System - Well 4	324904105585401	Otero	2020-11-05																													--	--	
Boles Acres Water System - Well 5	324827105593201	Otero	2020-11-05																													--	--	
Cider Mill Farms MDWCA - Well 1	325559105483301	Otero	2020-12-29	1.0E		0.9E																										--	1.9	Yes
Cider Mill Farms MDWCA - Well 2	325623105483301	Otero	2020-12-29																													--	--	
Cloud Country Estates WUA - Well 1 (Cotton Canyon well)	325537105364001	Otero	2021-01-26																													--	--	
Cloud Country West Water System - Well 1	325735105393701	Otero	2021-01-27																													--	--	
Dungan MDWCA - Well 1	325510105584101	Otero	2021-02-11																													--	--	
Enchanted Valley WUA - Well 1	325839105590101	Otero	2021-01-27																													--	--	
La Luz MDWCA - Well 1	325846105561501	Otero	2020-12-30																													--	--	
La Luz MDWCA - Well 2	325852105560301	Otero	2020-12-30																													--	--	
La Luz MDWCA - Well 3	325847105554801	Otero	2020-12-29																													--	--	
La Luz MDWCA - Well 4	325854105554801	Otero	2020-12-30																													--	--	
Causey Water System - Well 1	335247103080201	Roosevelt	2020-09-08																													--	--	
Oasis State Park - Well 2	341530103211301	Roosevelt	2020-08-25					1.2E																								1.2	1.2	Yes
Portales Water System - Blackwater 11	341349103083401	Roosevelt	2020-08-26																													--	--	
Portales Water System - Blackwater 42	341309103085401	Roosevelt	2020-11-18																													--	--	
Portales Water System - Las Lomas 37	341200103112801	Roosevelt	2020-11-18																													--	--	
Portales Water System - Sandhill 3	341333103195001	Roosevelt	2020-08-26					1.3E																								1.3	1.3	Yes
Portales Water System - Sandhill 5	341333103193501	Roosevelt	2020-11-17																													--	--	
Portales Water System - Sandhill 7	341347103184201	Roosevelt	2020-12-15																													--	--	
-- - PNM KPC1	364823108255901	San Juan	2020-12-02																													--	--	
-- - San Juan Coal Mine GL	364642108254201	San Juan	2020-11-19								4.6																					--	4.6	No
Flora Vista Mutual Domestic - Well 4	364732108034101	San Juan	2020-10-28	1.3E																												--	1.3	Yes
Corrales Municipal Complex - Well 1	351325106370101	Sandoval	2020-09-29																													--	--	
La Mesa Water Coop - Well 5	351944106283601	Sandoval	2020-09-11																													--	--	
Santa Fe Water System - Agua Fria	354041105581301	Santa Fe	2020-09-15																													--	--	
Santa Fe Water System - Osage	354022105584701	Santa Fe	2020-09-15					1.1E							1.1E																	2.2	2.2	Yes
San Acacia MDWCA - Well 3	341643106541601	Socorro	2020-09-28																													--	--	
Socorro Water System - South Industrial Park Well	340204106550301	Socorro	2020-09-28																													--	--	
Capulin Volcano National Monument - Well 1	364643103583701	Union	2020-08-11																													--	--	

E: estimated concentration falling between the laboratory reporting limit and method detection limit. These values are included as reported by the laboratory in summed concentrations (last two columns).

NOTE: ng/L (nanograms per liter) is equivalent to parts per trillion.

USGS PFAS Sampling Results – Surface Water
August 2020 - February 2021

				PFSA (ng/L)							PFCA (ng/L)											FOSA (ng/L)	FOSAA (ng/L)		FTSA (ng/L)			Replacement/Other (ng/L)						
Site and Source Name	USGS or Sample ID	County	Date	PFBS	PFPeS	PFHxS	PFHpS	PFOS	PFNS	PFDS	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUnDA	PFDoDA	PFTrDA	PFTeDA	PFOSA	N-MeFOSAA	N-EtFOSAA	4:2 FTS	6:2 FTS	8:2 FTS	9Cl-PF3ONS	11Cl-PF3OUdS	ADONA	HFPO-DA	PFOA+ PFOS (ng/L)	Total PFAS (ng/L)	Total PFAS includes estimated values?
Rio Grande at Alameda Bridge, NM	08329918	Bernalillo	2020-08-19								2.0E	2.2																				--	4.2	Yes
Rio Grande at Alameda Bridge, NM	08329918	Bernalillo	2020-09-16	2.8								0.9E																				--	3.7	Yes
Rio Grande at Alameda Bridge, NM	08329918	Bernalillo	2020-11-23	3.9								1.3E																				--	5.2	Yes
Rio Grande at Alameda Bridge, NM	08329918	Bernalillo	2020-12-18																													--	--	
Rio Grande at Alameda Bridge, NM	08329918	Bernalillo	2021-01-11									1.1E																				--	1.1	Yes
Rio Grande at Valle de Oro, NM	08330830	Bernalillo	2020-08-31									5.8	2.9																			--	8.7	No
Rio Grande at Valle de Oro, NM	08330830	Bernalillo	2020-09-16	93.0		1.2E		2.6			12.3	27.9	12.5	1.7E	4.9																	7.5	156.1	Yes
Rio Grande at Valle de Oro, NM	08330830	Bernalillo	2020-11-23	22.4							3.1E	6.6	4.0		1.6E																	1.6	37.7	Yes
Rio Grande at Valle de Oro, NM	08330830	Bernalillo	2020-12-18								3.0E	4.8	3.4		1.3E																	1.3	12.5	Yes
Rio Grande at Valle de Oro, NM	08330830	Bernalillo	2021-02-08								2.0E	4.0	4.2		1.4E																	1.4	11.6	Yes
Rio Grande at El Paso, TX	08364000	Doña Ana/El Paso Cty, TX	2020-08-25	4.3		1.7E		3.7			3.1E	2.4	1.4		1.2E																	4.9	17.8	Yes
Rio Grande at El Paso, TX	08364000	Doña Ana/El Paso Cty, TX	2020-09-15	10.1		1.7		2.0			4.7	3.5	1.8E		1.4E																	3.4	16.2	Yes
Rio Grande at El Paso, TX	08364000	Doña Ana/El Paso Cty, TX	2020-10-15			3.2		3.8			4.6	7.3	5.3	2.3	4.4											7.2E						8.2	38.1	Yes
Rio Grande at El Paso, TX	08364000	Doña Ana/El Paso Cty, TX	2020-11-04		1.1E	5.2		6.5			5.4	6.6	5.7	2.4	4.3											7.4						10.8	44.6	Yes
Rio Grande at El Paso, TX	08364000	Doña Ana/El Paso Cty, TX	2020-11-24	18.3	1.6E	3.4		4.4			4.7	8.8	6.4	2.7	4.7											8.3						9.1	63.3	Yes
Rio Grande at El Paso, TX	08364000	Doña Ana/El Paso Cty, TX	2020-12-04	9.9	1.3E	3.6		4.6			4.8	8.8	6.4	2.6	4.5											10.0						9.1	56.5	Yes
Rio Grande at El Paso, TX	08364000	Doña Ana/El Paso Cty, TX	2020-12-11	6.5		2.6		3.4			3.5E	6.4	4.5	1.8	3.3											7.3						6.7	39.3	Yes
Pecos River near Artesia, NM	08396500	Eddy	2020-08-26	2.6		1.5E		2.1E			4.0E	2.3	1.5E		1.5E																	3.6	15.5	Yes
Pecos River near Artesia, NM	08396500	Eddy	2020-09-16	1.3E							3.5E	1.0E																				--	5.8	Yes
Pecos River near Artesia, NM	08396500	Eddy	2020-10-16	3.0		1.4E		1.4E				1.7E	1.2E																			1.4	8.7	Yes
Pecos River near Artesia, NM	08396500	Eddy	2020-12-21	10.6		2.3		3.3				3.0	2.7		1.7																	3.3	23.6	No
Pecos River near Red Bluff, NM	08407500	Eddy	2020-08-26			1.1E		1.5E			1.9E	2.0	1.0E																			1.5	7.5	Yes
Gila River near Gila, NM	09430500	Grant	2020-09-10	18.5							30.0	2.1	0.9E	2.0																		--	53.5	Yes
Pecos River near Puerto de Luna, NM	08383500	Guadalupe	2020-08-27																													--	--	
Pecos River near Puerto de Luna, NM	08383500	Guadalupe	2020-09-24																													--	--	
Pecos River near Puerto de Luna, NM	08383500	Guadalupe	2020-11-03																													--	--	
Pecos River near Puerto de Luna, NM	08383500	Guadalupe	2020-12-17																													--	--	
Alamogordo Domestic Water System - Reservoirs 1-3	325813105560301	Otero	2021-02-10			1.3E																										--	1.3	Yes
Cloud Country Estates WUA - Spring 1 (Lower Twin)	325557105364001	Otero	2021-01-27																													--	--	
Cloud Country Estates WUA - Spring 2 (Upper Bear)	325601105364401	Otero	2021-01-27																													--	--	
Karr Canyon Estates - Spring 1	325448105484701	Otero	2021-01-28																													--	--	
La Luz MDWCA - Fresnal Canyon intake	325848105554701	Otero	2020-12-30			1.5E																										--	1.5	Yes
Mountain Orchard MDWCA - Spring 1	325627105482701	Otero	2021-01-28	1.0E																												--	1.0	Yes
Tularosa Water System - Raw water reservoir	330515105584401	Otero	2021-01-26					1.0E																								1.0	1.0	Yes
Tularosa Water System - Tularosa stream intake	330539105582601	Otero	2021-01-26																													--	--	
Canadian River at Logan, NM	07227000	Quay	2020-11-30	1.0E																												--	1.0	Yes
Rio Chama below Abiquiu Reservoir	08287000	Rio Arriba	2020-08-20	1.7E																												--	1.7	Yes
Rio Chama below Abiquiu Reservoir	08287000	Rio Arriba	2020-11-17	1.4E							1.9E																					--	3.3	Yes
Animas River at Farmington, NM	09364500	San Juan	2020-08-13	2.1E																												--	2.1	Yes
Animas River at Farmington, NM	09364500	San Juan	2020-09-23	3.1		1.0E		1.5E				1.7E																				1.5	7.3	Yes
Animas River at Farmington, NM	09364500	San Juan	2020-10-29									1.6E	1.0BE																			--	2.6	Yes
Animas River at Farmington, NM	09364500	San Juan	2020-11-18	1.2E								1.5E																				--	2.7	Yes
San Juan River near Archuleta, NM	09355500	San Juan	2020-08-12																													--	--	
San Juan River near Archuleta, NM	09355500	San Juan	2020-09-22	2.7																												--	2.7	No
San Juan River near Archuleta, NM	09355500	San Juan	2020-10-28	2.0							2.4E																					--	4.4	Yes
San Juan River near Archuleta, NM	09355500	San Juan	2020-11-18	1.2E																												--	1.2	Yes
San Juan River near Archuleta, NM	09355500	San Juan	2020-12-02									1.0E																				--	1.0	Yes
San Juan River near Fruitland, NM	09367540	San Juan	2020-08-12	2.0E																												--	2.0	Yes
San Juan River near Fruitland, NM	09367540	San Juan	2020-09-23	2.0								1.4E																				--	3.4	Yes
San Juan River near Fruitland, NM	09367540	San Juan	2020-10-27																													--	--	
San Juan River near Fruitland, NM	09367540	San Juan	2020-11-16									2.9	1.6E																			--	4.5	Yes
San Juan River near Fruitland, NM	09367540	San Juan	2020-12-01	3.5								1.6E																				--	5.1	Yes
Canadian River near Sanchez, NM	07221500	San Miguel	2020-09-02	2.6				0.9E			11.4	1.9																				--	16.8	Yes
Canadian River below Conchas Dam, NM	07224500	San Miguel	2020-09-29	1.4E				1.2E			6.9			1.0E																		--	10.5	Yes
Rio Grande above Buckman Diversion, NM	08313150	Santa Fe	2020-08-28	1.0E																												--	1.0	Yes
Rio Grande above Buckman Diversion, NM	08313150	Santa Fe	2020-09-17	2.3																												--	2.3	No
Rio Grande above Buckman Diversion, NM	08313150	Santa Fe	2020-09-28	1.8E								1.0E																				--	2.8	Yes
Rio Grande above Buckman Diversion, NM	08313150	Santa Fe	2020-11-12	3.0								1.2E																				--	4.2	Yes
Rio Grande above Buckman Diversion, NM	08313150	Santa Fe	2020-12-08	1.7																												--	1.7	No
Rio Grande above Buckman Diversion, NM	08313150	Santa Fe	2021-01-29																							4.7E						--	4.7	Yes
Rio Grande Floodway at San Marcial, NM	08358400	Socorro	2020-08-24	4.9		1.5E		2.9			4.1E	2.4																				2.9	15.8	Yes
Rio Puerco near Bernardo, NM	08353000	Socorro	2020-09-13	2.3E				3.1			23.9	3.2	1.4E	1.8E																		3.1	35.7	Yes
Rio Grande below Taos Junction Bridge, NM	08276500	Taos	2020-08-26																													--	--	

B: analyte detected in associated method blank.

E: estimated concentration falling between the laboratory reporting limit and method detection limit. These values are included as reported by the laboratory in summed concentrations (last two columns).

NOTE: ng/L (nanograms per liter) is equivalent to parts per trillion.

EXPLANATION

Analytical qualifiers and units of measurement

B = analyte detected in associated method blank.

E = estimate; these values fall between the Reporting Level (RL) and Method Detection Limit (MDL). This means that the minimum concentration of an analyte can be identified, measured, and reported with 99% confidence that the analyte concentration is greater than 0, but that accurate quantitation of the concentration is not necessarily possible at this level. Equivalent to data flagged with "J" qualifiers in lab data reports.

ng/L = nanograms per liter; equivalent to parts per trillion (ppt)

Per- and Polyfluoroalkyl Substance (PFAS) Compounds Analyzed

11Cl-PF3OUdS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
4:2 FTS	4:2 fluorotelomer sulfonate
6:2 FTS	6:2 fluorotelomer sulfonate
8:2 FTS	8:2 fluorotelomer sulfonate
9Cl-PF3ONS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
ADONA	4,8-dioxa-3H-perfluorononanoic acid
HFPO-DA	hexafluoropropylene oxide dimer acid
FOSA	n-alkyl perfluoroalkane sulfonamides
FOSAA	n-alkyl perfluoroalkane sulfonamidoacetic acids
FTSA	n:2 fluorotelomer sulfonic acids
N-EtFOSAA	n-ethylperfluorooctanesulfonamidoacetic acid
N-MeFOSAA	n-methylperfluorooctanesulfonamidoacetic acid
PFAS	per- and polyfluoroalkyl substances
PFBA	perfluorobutanoic acid
PFBS	perfluorobutanesulfonic acid
PFCA	perfluoroalkyl carboxylic acid
PFDA	perfluorodecanoic acid
PFDoDA	perfluorododecanoic acid
PFDS	perfluorodecanesulfonic acid
PFHpA	perfluoroheptanoic acid
PFHpS	perfluoroheptanesulfonic acid
PFHxA	perfluorohexanoic acid
PFHxS	perfluorohexanesulfonic acid
PFNA	perfluorononanoic acid
PFNS	perfluorononane sulfonic acid
PFOA	perfluorooctanoic acid
PFOS	perfluorooctanesulfonic acid
PFOSA	perfluorooctanesulfonamide
PFPeA	perfluoropentanoic acid
PFPeS	perfluoropentanesulfonic acid
PFSA	perfluoroalkane sulfonic acids
PFTeDA	perfluorotetradecanoic acid
PFTrDA	perfluorotridecanoic acid
PFUnDA	perfluoroundecanoic acid