

**GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
BACTERIA IN GROUND-WATER PROJECT**

The following table contains water-quality data from private, household-supply wells sampled as part of a study to describe the relation between well-construction characteristics in south-central and southeastern Pennsylvania and the occurrence of bacteria in ground water. Results are based on water samples that were analyzed for concentrations of total coliform and *Escherichia coli* (*E. coli*) bacteria in two geologic settings (areas underlain by carbonate rock and areas underlain by noncarbonate rock) in predominantly agricultural land-use settings. Other data for this project can be found in the annual Water Data Report PA-01-2. For additional information, contact Tammy Zimmerman at the U.S. Geological Survey, 215 Limekiln Road, New Cumberland, PA 17070; 717-730-6974 (email: tmzimmer@usgs.gov).

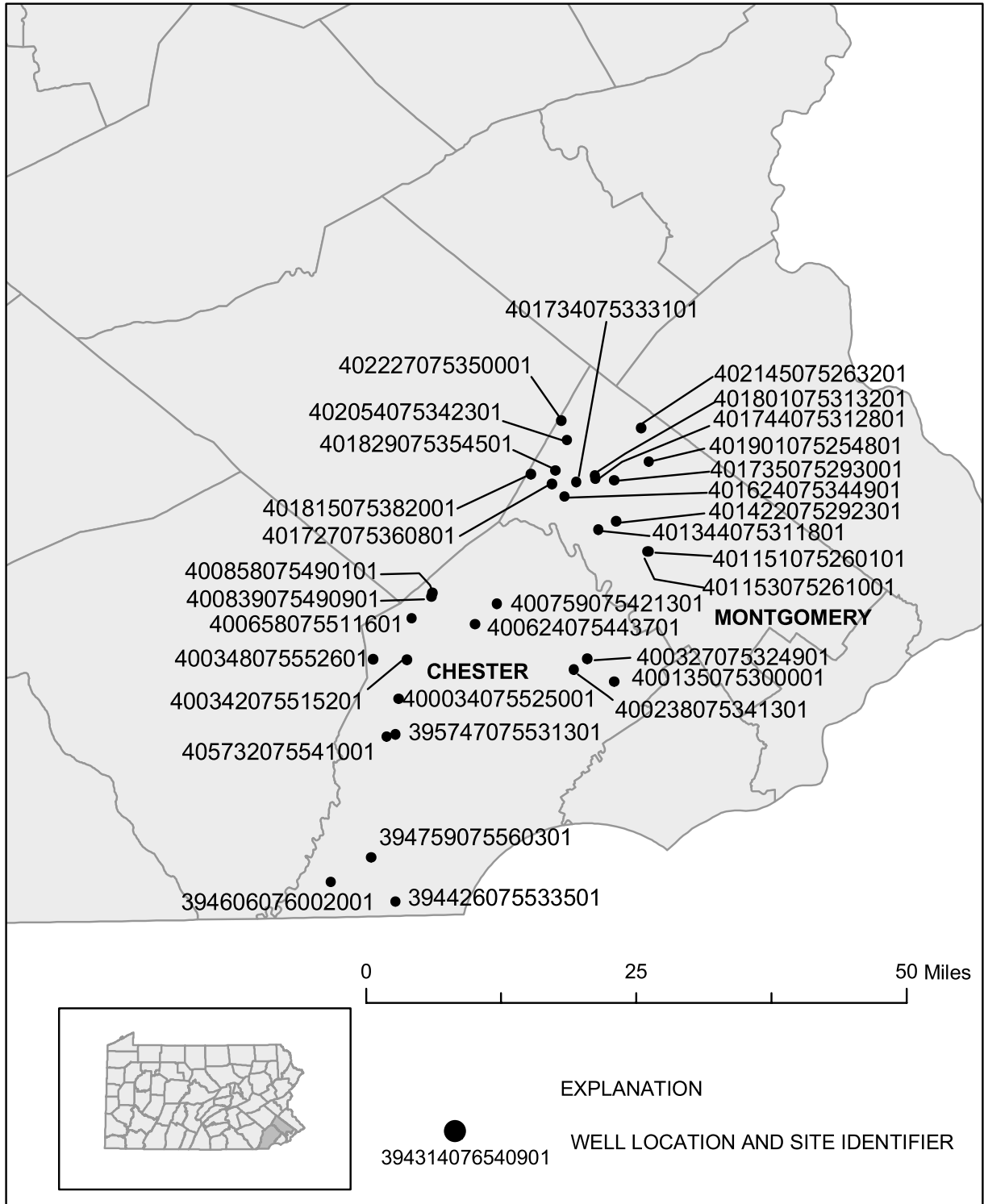


Figure XX.--Locations of wells sampled as part of the viruses in ground water project.

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WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

STATION NUMBER	DATE	TIME	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	OXYGEN, DIS-SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (µS/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	TOTAL COLI-FORM, M ENDO MF, WTR (COL/100 ML) (31501)	E COLI, NA-MUG, WATER (COL/100 ML) (50278)
400342075515201	10-24-00	1030	1028	.4	6.2	157	11.4	<1	--
400658075511601	10-30-00	0900	1028	8.0	5.9	187	13.1	<1	--
400348075552601	10-30-00	1500	1028	8.5	5.8	362	12.0	84	<1
405732075541001	02-15-01	1600	1028	6.3	6.7	746	11.8	<1	--
400238075341301	02-13-01	1030	1028	4.0	6.3	1080	11.2	<1	--
401829075354501	11-15-00	1530	1028	.2	7.6	503	12.2	<1	--
402145075263201	11-15-00	1200	1028	2.1	7.7	402	12.5	76	<1
400759075421301	10-23-00	1700	1028	7.6	5.5	123	11.6	K10	<1
401153075261001	11-02-00	1015	1028	4.7	6.7	369	12.8	K11	<1
402054075342301	10-31-00	1245	1028	3.3	7.1	469	13.4	<1	--
394606076002001	12-19-00	1200	1028	8.9	5.2	136	12.2	<1	--
400327075324901	02-13-01	1200	1028	2.7	6.9	904	12.2	<1	--
401727075360801	11-16-00	0800	1028	1.2	7.6	481	12.2	<1	<1
394426075533501	11-27-00	1230	1028	10.7	5.2	68	12.3	K1	<1
395747075531301	02-20-01	1000	1028	6.1	6.6	682	12.4	<1	--
401624075344901	10-18-00	1400	1028	5.0	6.4	215	12.4	<1	--
400034075525001	11-08-00	1530	1028	6.3	5.8	185	25.8	<1	--
401744075312801	12-06-00	1100	1028	.1	7.6	389	12.0	<1	--
401901075254801	10-10-00	1105	1028	.7	6.3	499	13.0	K5	<1
400135075300001	11-07-00	1200	1028	3.8	7.6	463	12.3	<1	--
402227075350001	10-23-00	1200	1028	5.9	7.2	453	12.1	<1	--
401735075293001	12-06-00	1000	1028	3.8	7.2	726	12.9	K10	<1
401151075260101	11-02-00	1230	1028	5.9	7.4	434	13.3	K3	<1
401815075382001	11-15-00	1000	1028	9.2	6.8	129	11.6	K8	<1
400624075443701	10-17-00	1330	1028	7.8	6.1	280	12.5	K1	<1
394759075560301	11-14-00	1200	1028	6.5	6.0	119	12.5	<1	--
401801075313201	10-23-00	0900	1028	2.0	7.2	422	13.3	54	<1
400858075490101	10-30-00	1130	1028	5.9	5.9	358	12.3	K2	<1
400839075490901	10-31-00	1600	1028	6.7	5.8	471	12.5	<1	--
401344075311801	10-10-00	1330	1028	1.6	7.2	492	13.1	44	<1
401422075292301	10-31-00	1045	1028	4.4	7.4	492	13.2	<1	--
401734075333101	11-07-00	1000	1028	.2	7.8	410	12.3	K2	<1