## GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES VIRUSES IN GROUND-WATER PROJECT

The following table contains water-quality data from non-community water supply wells sampled as a part of a study of viruses in ground water. The network of wells was established as a part of a cooperative study of viruses in ground water in Pennsylvania conducted by the U.S. Geological Survey in cooperation with the Pennsylvania Department of Environmental Protection. In addition to sampling for viruses, microbiological indicators were evaluated as surrogates for viral contamination. The results were based on samples collected from 60 non-community water supplies in four geologic settings across the state. Ground water samples were analyzed for human enteric viruses, total coliform, *E. coli*, Enterococcus, *Clostridium perfringens*, somatic and male-specific coliphage, and *Helicobacter pylori*. Other data for this project can be found in the annual Water Data Reports PA-01-1 and PA-01-2. For additional information, contact Bruce Lindsey at the U.S. Geological Survey, 215 Limekiln Road, New Cumberland, PA 17070; 717-730-6964 (email: blindsey@usgs.gov).



Figure 7.--Location 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

								PH		
					AGENCY	AGENCY		WATER	SPE-	
					ANA-	COL-		WHOLE	CIFIC	
					LYZING	LECTING	OXYGEN,	FIELD	CON-	TEMPER-
LOCAL					SAMPLE	SAMPLE	DIS-	(STAND-	DUCT-	ATURE
STATION NUMBER	ID		DATE	TIME	( CODE	( CODE	SOLVED	ARD	ANCE	WATER
					NUMBER)	NUMBER)	(MG/L)	UNITS)	$(\mu S/CM)$	(DEG C)
					(00028)	(00027)	(00300)	(00400)	(00095)	(00010)
415638080281801	ER	2502	01-31-01	1500	36015	1028	.1	7.0	903	9.9
415638080281801	ER	2502	01-31-01	1501	9813	1028				
415638080281801	ER	2502	01-31-01	1502	42016	1028				
415648080281301	ER	2503	02-01-01	1100	36015	1028	4.0	8.1	249	6.3
415648080281301	ER	2503	02-01-01	1101	9813	1028				
415648080281301	ER	2503	02-01-01	1102	42016	1028				

		CLOSTR-		COLI-	COLI-	E COLI,	ENTERIC	ENTERO-	HELICO-
		PERFRIN	COLI-	E. COLI	E. COLI	LERT	TOTAL	ENTERO-	PYLORI
		MCP MF,	FORM,	C3000	C-HOST	QUANTRY	CULT.,	LERT	FLUOR-
		WATER	CON-	1-MDS	1-MDS	WATER	1-MDS	WATER	ESECENT
STATION NUMBER	DATE	(COL/	FIRMED	(PFU /	(PFU /	(MPN/	(MPN /	(MPN/	(ORG.
		100 ML)	(MPN)	100L)	100 L)	100 ML)	100 L)	100ML)	PER ML)
		(90915)	(31505)	(90912)	(90911)	(50468)	(90910)	(99601)	(99602)
415638080281801	01-31-01	<.5		<25	<25		<.50	<1	
415638080281801	01-31-01		<1			<1			
415638080281801	01-31-01								<4
415648080281301	02-01-01	<.5		< 9	< 9		<.21	<1	
415648080281301	02-01-01		10			<1			
415648080281301	02-01-01								< 4