

LANCASTER COUNTY

395957076155201. Local number, LN 2041

LOCATION.--Lat 39°59'57", long 76°15'52", Hydrologic Unit 02050306, 40 ft upstream from bridge at intersection of Gypsy Hill Road and Long Rifle Road, and 1.5 mi north of Willow Street.

Owner: U.S. Geological Survey.

AQUIFER.--Quaternary age alluvium.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in. PVC, depth 6 ft, cased to 6 ft, closed end, screened from 3.5 to 4.5 ft.

DATUM.--Land-surface datum is 294.78 ft above sea level. Measuring point: Top of casing, 1.7 ft above land-surface datum.

REMARKS.--Samples collected with peristaltic pump from recovery water after well pumped dry. The water-quality data for this well may be affected by problems associated with the initial construction of the well. Data are anomalous relative to other ground-water wells within the vicinity. The analytical values were verified, indicating that the data reflect actual values.

PERIOD OF RECORD.--November 1993 to current year (discontinued).

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

DATE	TIME	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	OXYGEN, DIS- SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE (µS/CM) (00095)
OCT 2000							
24...	0805	1028	1028	2.39	--	7.2	758
NOV							
14...	0745	1028	1028	2.43	3.8	6.7	710
DEC							
12...	0820	80020	1028	2.46	5.6	7.1	654
JAN 2001							
09...	0815	1028	1028	--	--	--	540
FEB							
13...	0800	1028	1028	2.12	7.2	6.5	713
MAR							
12...	0745	80020	1028	2.21	--	--	762
MAY							
01...	0740	1028	1028	2.28	6.5	7.3	743
29...	0815	1028	1028	2.27	3.6	6.8	693
JUN							
19...	0820	80020	1028	2.41	3.5	6.8	692

DATE	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	FECAL STREP, KF STRP, MF, WATER (COL/ 100 ML) (31673)
OCT 2000							
24...	--	--	--	--	--	--	440
NOV							
14...	--	--	--	--	--	--	100
DEC							
12...	.710	1.1	.170	<.006	.295	--	220k
JAN 2001							
09...	--	--	--	--	--	--	2200
FEB							
13...	--	--	--	--	--	--	980
MAR							
12...	.547	1.2	.718	.068	.266	--	340
MAY							
01...	--	--	--	--	--	--	40
29...	--	--	--	--	--	--	4k
JUN							
19...	.303	1.1	.218	.009	.150	.109	99