Water-Data Report 2007

412647076585601 Local number LY 679

Sand and gravel aquifers (glaciated regions)
Alluvium

Lycoming County, PA

LOCATION.--Lat 41°26′47″, long 76°58′56″ referenced to North American Datum of 1927, Lycoming County, PA, Hydrologic Unit 02050206.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 40 ft. Upper casing diameter 6 in; top of first opening undefined, bottom of last opening undefined.

PERIOD OF RECORD.--October 2006 to current year.

COOPERATION.-- Station established and maintained by the U.S. Geological Survey in cooperation with the Pennsylvania Department of Agriculture.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 1 of 7
[Remark codes: <, less than; E, estimated.]

Date	Time	Depth of well, feet below LSD (72008)	Depth to water level, feet below LSD (72019)	Altitude of land surface feet (72000)	Pump or flow period prior to sampling, minutes (72004)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf µS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Calcium water unfltrd recoverable, mg/L (00916)
Aug 22...	1300	40	14.8	750	55	1.1	749	5.4	6.1	115	18	10.9	13

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 2 of 7
[Remark codes: <, less than; E, estimated.]

Date	Magnesium, water, unfltrd recoverable, mg/L (00927)	Potassium, water, unfltrd recoverable, mg/L (00937)	Sodium, water, unfltrd recoverable, mg/L (00929)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, unfltrd mg/L (00951)	Silica, water, unfltrd mg/L (00956)	Sulfate water, fltrd, mg/L (00945)	Nitrate + nitrite water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	E coli, Defined Substr. Tech., water, MPN/ 100 mL (50468)	Total coliform, Defined Tech., MPN/ 100 mL (50569)	Arsenic water, unfltrd µg/L (01002)	Iron, water, unfltrd recoverable, µg/L (01045)
Aug 22...	1.593	E.941	6.04	8.01	<.018	5.2	12.5	.87	<.01	<1	2	<1	62

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 3 of 7
[Remark codes: <, less than; E, estimated.]

Date	Manganese, water, unfltrd recover-able, µg/L (01055)	2,6-Diethylaniline water, fltrd 0.7u GF µg/L (82660)	CIAT, water, fltrd, µg/L (04040)	Acetochlor, water, fltrd, µg/L (49260)	Alachlor, water, fltrd, µg/L (46342)	alpha-HCH, water, fltrd, µg/L (34253)	alpha-HCH-d6, surrog, wat flt 0.7u GF percent recovry (91065)	Atrazine, water, fltrd, µg/L (39632)	Azinphos-methyl, water, fltrd 0.7u GF µg/L (82686)	Benfluralin, water, fltrd 0.7u GF µg/L (82673)	Butylate, water, fltrd, µg/L (04028)	Carbaryl, water, fltrd 0.7u GF µg/L (82680)	Carbofuran, water, fltrd 0.7u GF µg/L (82674)
Aug													
22...	E1.5	<.002	<.014	<.006	<.005	<.002	103.0091	<.007	<.08	<.006	<.002	<.06	<.02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 4 of 7
[Remark codes: <, less than; E, estimated.]

Date	Chlorpyrifos water, fltrd, µg/L (38933)	cis-Permethrin water fltrd 0.7u GF µg/L (82687)	Cyanazine, water, fltrd, µg/L (04041)	DCPA, water, fltrd 0.7u GF µg/L (82682)	Desulfinylfipronil, water, fltrd, µg/L (62170)	Diazinon, water, fltrd, µg/L (39572)	Diazinon-d10 surrog. wat flt 0.7u GF percent recovry (91063)	Dieldrin, water, fltrd, µg/L (39381)	Disulfoton, water, fltrd 0.7u GF µg/L (82677)	EPTC, water, fltrd 0.7u GF µg/L (82668)	Ethalfluralin, water, fltrd 0.7u GF µg/L (82663)	Ethoprop, water, fltrd 0.7u GF µg/L (82672)	Desulfinylfipronil amide, wat flt µg/L (62169)
Aug													
22...	<.005	<.01	<.018	<.003	<.012	<.005	110.2946	<.009	<.02	<.002	<.009	<.012	<.029

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 5 of 7
[Remark codes: <, less than; E, estimated.]

Date	Fipronil sulfide water, fltrd, µg/L (62167)	Fipronil sulfone water, fltrd, µg/L (62168)	Fipronil, water, fltrd, µg/L (62166)	Fonofos water, fltrd, µg/L (04095)	Lindane water, fltrd, µg/L (39341)	Linuron water, fltrd 0.7u GF µg/L (82666)	Malathion, water, fltrd, µg/L (39532)	Methyl parathion, water, fltrd 0.7u GF µg/L (82667)	Metolachlor, water, fltrd, µg/L (39415)	Metribuzin, water, fltrd, µg/L (82630)	Molinate, water, fltrd 0.7u GF µg/L (82671)	Napropamide, water, fltrd 0.7u GF µg/L (82684)	p,p'-DDE, water, fltrd, µg/L (34653)
Aug													
22...	<.013	<.024	<.016	<.006	<.004	<.06	<.016	<.008	<.01	<.012	<.002	<.018	<.003

412647076585601 Local number LY 679—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 6 of 7
[Remark codes: <, less than; E, estimated.]

Date	Parathion, water, fltrd, µg/L (39542)	Pebulate, water, fltrd 0.7u GF µg/L (82669)	Pendimethalin, water, fltrd 0.7u GF µg/L (82683)	Phorate water, fltrd 0.7u GF µg/L (82664)	Prometon, water, fltrd, µg/L (04037)	Propyzamide, water, fltrd 0.7u GF µg/L (82676)	Propachlor, water, fltrd, µg/L (04024)	Propanil, water, fltrd 0.7u GF µg/L (82679)	Propargite, water, fltrd 0.7u GF µg/L (82685)	Simazine, water, fltrd, µg/L (04035)	Tebuthiuron water, fltrd 0.7u GF µg/L (82670)	Terbacil, water, fltrd 0.7u GF µg/L (82665)	Terbufos, water, fltrd 0.7u GF µg/L (82675)
Aug													
22...	<.01	<.004	<.02	<.02	<.008	<.004	<.01	<.011	<.02	<.006	<.016	<.04	<.012

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 7 of 7
[Remark codes: <, less than; E, estimated.]

Date	Thiobencarb water, fltrd 0.7u GF µg/L (82681)	Triallate, water, fltrd 0.7u GF µg/L (82678)	Trifluralin, water, fltrd 0.7u GF µg/L (82661)	Purpose site visit, code (50280)	Sample purpose code (71999)	Sample volume, Schedule 2001, mL (99856)	Sampling condition, code (72006)	Sampling method, code (82398)	Type of sample related QA data, code (99111)
Aug									
22...	<.01	<.006	<.006	2001	50	973	8	4040	1