Water-Data Report 2007

410854076530901 Local number NU 110

Undefined Aquifer
Alluvium

Northumberland County, PA

LOCATION.--Lat 41°08′54″, long 76°53′09″ referenced to North American Datum of 1927, Northumberland County, PA, Hydrologic Unit 02050206.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 41 ft. Upper casing diameter 6.00 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 23...	0850	41.0	19.00	485.00	45	2.9	748	9.3	8.9	118	18.0	18.6	3.76

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 23...	.851	E.62	4.8	10.7	<.018	8.92	22.3	<.040	<.0100	<1	<1	21.3	39,500

410854076530901 Local number NU 110—Continued

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 23...	1,030	<.002	<.014	<.006	<.005	<.002	102	<.007	<.080	<.006	<.002	<.060	<.020

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 23...	<.005	<.010	<.018	<.003	<.012	<.005	113	<.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 23...	<.013	<.024	<.016	<.006	<.004	<.060	<.016	<.008	<.010	<.012	<.002	<.018	<.003

410854076530901 Local number NU 110—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													
23...	<.010	<.004	<.020	<.020	<.01	<.004	<.010	<.011	<.02	<.006	<.02	<.040	<.01

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)	Type of replicate, code (99105)
Aug										
23...	<.010	<.006	<.006	2001	50.00	844	8.00	4040	30	200.00

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

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410854076530901 Local number NU 110—Continued

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Part 2 of 7
[Remark codes: <, less than; E, estimated.]

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Aug 23...	.851	E.617	4.82	10.7	<.018	8.924	22.3	<.04	<.01	<1	<1	21.3	39,500

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WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 3 of 7
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Aug 23...	1,031	<.002	<.014	<.006	<.005	<.002	101.8637	<.007	<.08	<.006	<.002	<.06	<.02

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Part 4 of 7
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Aug 23...	<.005	<.01	<.018	<.003	<.012	<.005	112.5978	<.009	<.02	<.002	<.009	<.012	<.029

410854076530901 Local number NU 110—Continued

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WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 5 of 7
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Part 7 of 7
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Aug										
23...	<.01	<.006	<.006	2001	50	844	8	4040	30	200