Water-Data Report 2007

415608076425901 Local number BR 884

Sand and gravel aquifers (glaciated regions)
Alluvium

Bradford County, PA

LOCATION.--Lat 41°56′08″, long 76°42′59″ referenced to North American Datum of 1983, Bradford County, PA, Hydrologic Unit 02050105.

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)	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)	Magnesium, water, unfltrd recoverable, mg/L (00927)
Jul 26...	1215	40	1,090	80	1.1	736	3.9	6.5	210	30.0	10.9	25.2	4.24

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

Date	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)	Manganese, water, unfltrd recoverable, µg/L (01055)
Jul 26...	E.72	14.2	19.8	<.018	5.04	9.78	1.2	<.0100	<1	5	E.40	135	8.8

415608076425901 Local number BR 884—Continued

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

Date	2,6-Diethylaniline water, fltrd 0.7u GF µg/L (82660)	ClAT, 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)	Azinphosmethyl, 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)	Chlorpyrifos water, fltrd, µg/L (38933)
Jul													
26...	<.002	E.025	<.006	<.005	<.002	88.4	.061	<.080	<.006	<.002	<.060	<.020	<.005

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

Date	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)	Fipronil sulfide water, fltrd, µg/L (62167)
Jul													
26...	<.010	<.018	<.003	<.012	<.005	109	<.009	<.02	<.002	<.009	<.012	<.029	<.013

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

Date	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)	Parathion, water, fltrd, µg/L (39542)
Jul													
26...	<.024	<.016	<.006	<.004	<.060	<.016	<.008	E.003	<.012	<.002	<.018	<.003	<.010

415608076425901 Local number BR 884—Continued

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

Date	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)	Thiobencarb water, fltrd 0.7u GF µg/L (82681)
Jul													
26...	<.004	<.020	<.020	<.01	<.004	<.010	<.011	<.02	<.006	<.02	<.040	<.01	<.010

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

Date	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)
Jul								
26...	<.006	<.006	2001	50.00	965	8.00	4040	100

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

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Jul													
26...	1215	40	1,090	80	1.1	736	3.9	6.5	210	30	10.9	25.2	4.243

415608076425901 Local number BR 884—Continued

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Date	Potassium, water, unfltrd recover-able, mg/L (00937)	Sodium, water, unfltrd recover-able, 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 recover-able, µg/L (01045)	Manganese, water, unfltrd recover-able, µg/L (01055)
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26...	E.722	14.2	19.8	<.018	5.042	9.78	1.18	<.01	<1	5	E.4	135	8.8

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WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 3 of 7
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Jul													
26...	<.002	E.0247	<.006	<.005	<.002	88.3905	.0609	<.08	<.006	<.002	<.06	<.02	<.005

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Part 4 of 7
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Jul													
26...	<.01	<.018	<.003	<.012	<.005	108.6488	<.009	<.02	<.002	<.009	<.012	<.029	<.013

415608076425901 Local number BR 884—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 5 of 7
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26...	<.024	<.016	<.006	<.004	<.06	<.016	<.008	E.0027	<.012	<.002	<.018	<.003	<.01

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Part 6 of 7
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Part 7 of 7
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Jul								
26...	<.006	<.006	2001	50	965	8	4040	100