Water-Data Report 2006

425344095090401 Local number 93-37-01 DDDD

Sand and gravel aquifers (glaciated regions)
Holocene Alluvium

Buena Vista County, IA

LOCATION.--Lat 42°53′44″, long 95°09′04″ referenced to North American Datum of 1927, in SE ¼ SE ¼ SE ¼ sec.1, T.93 N., R.37 W., Buena Vista County, IA, Hydrologic Unit 10230003.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--1982, 1985, 1987, 1990-2006.

COOPERATION.--Samples were collected by the U.S. Geological Survey and analyzed by the University of Iowa State Hygienic Laboratory.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 1 of 2

[Remark codes: <, less than.]

Date	Turbidity, water, unfltrd lab, NTU (82079)	pH, area weighted average std units (90400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Hardness, water, mg/L as CaCO3 (00900)	ANC, wat unf fixed end pt, lab, mg/L as CaCO3 (90410)	Residue on evap. at 180degC wat flt mg/L (70300)	Residue total at 105 deg. C, suspended, mg/L (00530)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Organic nitrogen, water, fltrd, mg/L (00607)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphate, water, unfltrd mg/L (00650)
Jul 03...	1.2	7.5	1,200	570	330	750	<1	.20	<.050	8.10	.20	<.020	.040

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 2 of 2

[Remark codes: <, less than.]

Date	Organic carbon, water, unfltrd mg/L (00680)	CIAT, water, unfltrd ug/L (75981)	CEAT, water, unfltrd ug/L (75980)	Acetochlor, water, unfltrd ug/L (49259)	Alachlor, water, unfltrd ug/L (77825)	Atrazine, water, unfltrd ug/L (39630)	Butylate, water, unfltrd ug/L (30236)	Cyanazine, water, unfltrd ug/L (81757)	Metolachlor, water, unfltrd ug/L (39356)	Metribuzin, water unfltrd ug/L (81408)	Trifluralin, water, unfltrd ug/L (39030)
Jul 03...	1.0	<.1	<.1	<.100	<.1	<.1	<.1	<.1	1.70	<.10	<.1