Water-Data Report 2006

421322092522001 Local number 86-17-31 ABDA

Mississippian aquifers
Hampton Formation

Grundy County, IA

LOCATION.--Lat 42°13′20″, long 92°52′12″ referenced to North American Datum of 1927, in SE ¼ NW ¼ NE ¼ sec.31, T.86 N., R.17 W., Grundy County, IA, Hydrologic Unit 07080205.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--1983, 1991-1993, 1995, 1997, 1999, 2001-2006.

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	Turbid-ity, water, unfltrd lab, NTU (82079)	pH, area weight-ed average std units (90400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Hard-ness, 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, sus-pended, 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 nitro-gen, water, fltrd, mg/L (00607)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phate, water, unfltrd mg/L (00650)
Jul													
27...	<1.0	7.7	740	390	300	420	<1	.60	.520	5.10	.10	<.020	<.020

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)	Aceto-chlor, water, unfltrd ug/L (49259)	Ala-chlor, water, unfltrd ug/L (77825)	Atra-zine, water, unfltrd ug/L (39630)	Butyl-ate, water, unfltrd ug/L (30236)	Cyana-zine, water, unfltrd ug/L (81757)	Metola-chlor, water, unfltrd ug/L (39356)	Metri-buzin, water unfltrd ug/L (81408)	Tri-flur-alin, water, unfltrd ug/L (39030)
Jul											
27...	.8	<.1	<.1	<.050	.1	.1	<.1	<.1	.11	<.05	<.1