Water-Data Report 2006

430015093360502 Local number 95-23-31 ABDD

Cambrian-Ordovician aquifer system
Jordan Sandstone

Hancock County, IA

LOCATION.--Lat 43°00′21″, long 93°36′07″ referenced to North American Datum of 1927, in SE ¼ NW ¼ NE ¼ sec.31, T.95 N., R.23 W., Hancock County, IA, Hydrologic Unit 07080207.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--1992-1993, 1997, 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)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf fixed end pt, lab, mg/L as CaCO3 (90410)	Chlor-ide, water, fltrd, mg/L (00940)	Sulfate water, fltrd, mg/L (00945)	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)
Jun 28...	7.5	7.4	980	440	17.0	48.0	320	7.0	180	640	<1	1.1	.900

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 2 of 2

[Remark codes: <, less than.]

Date	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)	Organic carbon, water, unfltrd mg/L (00680)	Gross alpha radioac water, fltrd, U-nat, pCi/L (01515)	Gross beta radioac water, fltrd, Cs-137, pCi/L (03515)	Ra-226, water, fltrd, pCi/L (09503)	Ra-228, water, fltrd, pCi/L (81366)
Jun 28...	<.050	.20	<.020	.020	.7	11	28.6	4	3