# 413040093290501 Local number 78-23-34 DDBD

Other aquifers
Holocene Alluvium

Warren County, IA

LOCATION.--Lat 41°30′40″, long 93°29′05″ referenced to North American Datum of 1927, in NW ¼ SE ¼ SE ¼ sec.34, T.78 N., R.23 W., Warren County, IA, Hydrologic Unit 07100008.

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--1990-1992, 1994-2006.

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 | | | | | | | | | | | | | |
| 19... | 3.9 | 7.8 | 600 | 300 | 220 | 380 | <1 | <.10 | <.050 | 1.50 | <.10 | <.020 | .060 |

### 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 | | | | | | | | | | | |
| 19... | .6 | <.1 | <.1 | <.050 | <.1 | <.1 | <.1 | <.1 | <.05 | <.05 | <.1 |