# 341108090432001 Local number H0036 COAHOMA

Mississippi embayment aquifer system
Sparta Sand

Coahoma County, MS

LOCATION.--Lat 34°11′02″, long 90°43′24″ referenced to North American Datum of 1983, in NE ¼ SW ¼ sec.28, T.27 N., R.5 W., Coahoma County, MS, Hydrologic Unit 08030207, Choctaw Meridian.

## WATER-QUALITY RECORDS

### WATER-QUALITY DATA
### WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

[Remark codes: <, less than; U, analyzed for but not detected.]

| Date | Time | Depth of well, feet below LSD (72008) | Turbdty white light, det ang 90+/-30 corrctd NTRU (63676) | Baro-metric pres-sure, mm Hg (00025) | Dis-solved oxygen, mg/L (00300) | pH, water, unfltrd field, std units (00400) | Specif-ic conduc-tance, wat unf µS/cm 25 degC (00095) | Temper-ature, air, deg C (00020) | Temper-ature, water, deg C (00010) | Colipge F-spec, FAMP, 2-step, pres or absence /L (99335) | Colipge som, Ec CN13hst 2-step, pres or absence /L (99332) | E coli, MI MF, water, col/ 100 mL (90901) | Total coli-form, MI MF, water, col/ 100 mL (90900) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun | | | | | | | | | | | | | |
| 26... | 1400 | 525. | .7 | 766 | <.1 | 7.5 | 890 | 33.6 | 19.7 | U | U | <1 | <1 |

### WATER-QUALITY DATA
### WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

[Remark codes: <, less than.]

| Date | Calcium water, fltrd, mg/L (00915) | Magnes-ium, water, fltrd, mg/L (00925) | Potas-sium, water, fltrd, mg/L (00935) | Sodium, water, fltrd, mg/L (00930) | Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086) | Bicar-bonate, wat flt incrm. titr., field, mg/L (00453) | Bromide water, fltrd, mg/L (71870) | Chlor-ide, water, fltrd, mg/L (00940) | Fluor-ide, water, fltrd, mg/L (00950) | Silica, water, fltrd, mg/L (00955) | Sulfate water, fltrd, mg/L (00945) | Residue on evap. at 180degC wat flt mg/L (70300) | Ammonia water, fltrd, mg/L as N (00608) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun | | | | | | | | | | | | | |
| 26... | 24.5 | 8.52 | 3.21 | 167 | 309 | 375 | .56 | 111 | .20 | 13.8 | <.18 | 528 | 1.09 |

**341108090432001 Local number H0036 COAHOMA—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
[Remark codes: <, less than.]

| Date | Nitrite + nitrate water fltrd, mg/L as N (00631) | Nitrite water, fltrd, mg/L as N (00613) | Total nitrogen, wat flt by analysis, mg/L (62854) | Orthophosphate, water, fltrd, mg/L as P (00671) | Organic carbon, water, fltrd, mg/L (00681) | Aluminum, water, fltrd, µg/L (01106) | Antimony, water, fltrd, µg/L (01095) | Arsenic water, fltrd, µg/L (01000) | Barium, water, fltrd, µg/L (01005) | Beryllium, water, fltrd, µg/L (01010) | Boron, water, fltrd, µg/L (01020) | Cadmium water, fltrd, µg/L (01025) | Chromium, water, fltrd, µg/L (01030) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 26... | <.06 | <.002 | 1.16 | .055 | 1.0 | <1.6 | <.06 | <.12 | 199 | <.06 | 296 | <.04 | <.12 |

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

| Date | Cobalt water, fltrd, µg/L (01035) | Copper, water, fltrd, µg/L (01040) | Iron, water, fltrd, µg/L (01046) | Lead, water, fltrd, µg/L (01049) | Lithium water, fltrd, µg/L (01130) | Manganese, water, fltrd, µg/L (01056) | Molybdenum, water, fltrd, µg/L (01060) | Nickel, water, fltrd, µg/L (01065) | Selenium, water, fltrd, µg/L (01145) | Silver, water, fltrd, µg/L (01075) | Strontium, water, fltrd, µg/L (01080) | Thallium, water, fltrd, µg/L (01057) | Vanadium, water, fltrd, µg/L (01085) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 26... | <.04 | <.40 | 597 | E.08 | 19.4 | 28.7 | E.1 | <.06 | <.08 | <.1 | 863 | <.04 | <.04 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
[Remark codes: <, less than.]

| Date | Zinc, water, fltrd, µg/L (01090) | 1-Naphthol, water, fltrd 0.7u GF µg/L (49295) | 2,6-Diethylaniline water, fltrd 0.7u GF µg/L (82660) | 2Chloro-2',6'-diethyl acetanilide wat flt µg/L (61618) | CIAT, water, fltrd, µg/L (04040) | 2-Ethyl-6-methylaniline water, fltrd, µg/L (61620) | 3,4-Dichloroaniline water, fltrd, µg/L (61625) | 3,5-Dichloroaniline water, fltrd, µg/L (61627) | 4-Chloro-2methyl phenol, water, fltrd, µg/L (61633) | Acetochlor, water, fltrd, µg/L (49260) | Alachlor, water, fltrd, µg/L (46342) | alpha-Endosulfan, water, fltrd, µg/L (34362) | Atrazine, water, fltrd, µg/L (39632) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 26... | 65.9 | <.09 | <.006 | <.006 | <.014 | <.010 | <.004 | <.012 | <.005 | <.006 | <.005 | <.011 | <.007 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
[Remark codes: <, less than.]

| Date | Azinphosmethyl oxon, water, fltrd, µg/L (61635) | Azinphosmethyl, water, fltrd 0.7u GF µg/L (82686) | Benfluralin, water, fltrd 0.7u GF µg/L (82673) | Carbaryl, water, fltrd 0.7u GF µg/L (82680) | Carbofuran, water, fltrd 0.7u GF µg/L (82674) | Chlorpyrifos oxon, water, fltrd, µg/L (61636) | Chlorpyrifos water, fltrd, µg/L (38933) | cis-Permethrin water fltrd 0.7u GF µg/L (82687) | cis-Propiconazole, water, fltrd, µg/L (79846) | Cyanazine, water, fltrd, µg/L (04041) | Cyfluthrin, water, fltrd, µg/L (61585) | lambda-Cyhalothrin, water, fltrd, µg/L (61595) | Cypermethrin water, fltrd, µg/L (61586) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 26... | <.04 | <.080 | <.010 | <.060 | <.020 | <.06 | <.005 | <.010 | <.013 | <.018 | <.053 | <.014 | <.046 |

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**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
[Remark codes: <, less than.]

| Date | DCPA, water, fltrd 0.7u GF µg/L (82682) | Desulfinylfipronil, water, fltrd, µg/L (62170) | Diazinon, water, fltrd, µg/L (39572) | Dicrotophos, water, fltrd, µg/L (38454) | Dieldrin, water, fltrd, µg/L (39381) | Dimethoate, water, fltrd 0.7u GF µg/L (82662) | Disulfoton sulfone water, fltrd, µg/L (61640) | Disulfoton, water, fltrd 0.7u GF µg/L (82677) | Endosulfan sulfate water, fltrd, µg/L (61590) | EPTC, water, fltrd 0.7u GF µg/L (82668) | Ethion monoxon water, fltrd, µg/L (61644) | Ethion, water, fltrd, µg/L (82346) | Ethoprop, water, fltrd 0.7u GF µg/L (82672) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun | | | | | | | | | | | | | |
| 26... | <.003 | <.012 | <.005 | <.08 | <.009 | <.006 | <.01 | <.02 | <.022 | <.002 | <.02 | <.016 | <.012 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
[Remark codes: <, less than.]

| Date | Fenamiphos sulfone water, fltrd, µg/L (61645) | Fenamiphos sulfoxide, water, fltrd, µg/L (61646) | Fenamiphos, water, fltrd, µg/L (61591) | Desulfinylfipronil amide, wat flt µg/L (62169) | Fipronil sulfide water, fltrd, µg/L (62167) | Fipronil sulfone water, fltrd, µg/L (62168) | Fipronil, water, fltrd, µg/L (62166) | Fonofos water, fltrd, µg/L (04095) | Hexazinone, water, fltrd, µg/L (04025) | Iprodione, water, fltrd, µg/L (61593) | Isofenphos, water, fltrd, µg/L (61594) | Malaoxon, water, fltrd, µg/L (61652) | Malathion, water, fltrd, µg/L (39532) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun | | | | | | | | | | | | | |
| 26... | <.053 | <.04 | <.03 | <.029 | <.013 | <.024 | <.016 | <.006 | <.026 | <.026 | <.011 | <.039 | <.016 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
[Remark codes: <, less than.]

| Date | Metalaxyl, water, fltrd, µg/L (61596) | Methialthion water, fltrd, µg/L (61598) | Methyl paraoxon, water, fltrd, µg/L (61664) | 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) | Myclobutanil water, fltrd, µg/L (61599) | Oxyfluorfen, water, fltrd, µg/L (61600) | Pendimethalin, water, fltrd 0.7u GF µg/L (82683) | Phorate oxon, water, fltrd, µg/L (61666) | Phorate water, fltrd 0.7u GF µg/L (82664) | Phosmet oxon, water, fltrd, µg/L (61668) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun | | | | | | | | | | | | | |
| 26... | <.007 | <.009 | <.02 | <.008 | <.010 | <.012 | <.003 | <.033 | <.017 | <.020 | <.03 | <.020 | <.05 |

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**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
[Remark codes: <, less than.]

| Date | Phosmet water, fltrd, µg/L (61601) | Prometon, water, fltrd, µg/L (04037) | Prometryn, water, fltrd, µg/L (04036) | Propyzamide, water, fltrd 0.7u GF µg/L (82676) | 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) | Tefluthrin, water, fltrd, µg/L (61606) | Terbufos oxon sulfone water, fltrd, µg/L (61674) | Terbufos, water, fltrd 0.7u GF µg/L (82675) | Terbuthylazine, water, fltrd, µg/L (04022) | Thiobencarb water, fltrd 0.7u GF µg/L (82681) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 26... | <.008 | <.01 | <.006 | <.004 | <.011 | <.02 | <.006 | <.02 | <.003 | <.04 | <.01 | <.01 | <.010 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
[Remark codes: <, less than.]

| Date | trans-Propiconazole, water, fltrd, µg/L (79847) | Tribuphos, water, fltrd, µg/L (61610) | Trifluralin, water, fltrd 0.7u GF µg/L (82661) | 1,1,1,2-Tetrachloroethane, water, unfltrd µg/L (77562) | 1,1,1-Trichloroethane, water, unfltrd µg/L (34506) | 1,1,2,2-Tetrachloroethane, water, unfltrd µg/L (34516) | CFC-113 water, unfltrd µg/L (77652) | 1,1,2-Trichloroethane, water, unfltrd µg/L (34511) | 1,1-Dichloroethane, water, unfltrd µg/L (34496) | 1,1-Dichloroethene, water, unfltrd µg/L (34501) | 1,1-Dichloropropene water, unfltrd µg/L (77168) | 1,2,3,4-Tetramethylbenzene water, unfltrd µg/L (49999) | 1,2,3,5-Tetramethylbenzene water, unfltrd µg/L (50000) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 26... | <.03 | <.035 | <.009 | <.04 | <.04 | <.10 | <.04 | <.04 | <.06 | <.02 | <.04 | <.1 | <.1 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
[Remark codes: <, less than.]

| Date | 1,2,3-Trichlorobenzene water, unfltrd µg/L (77613) | 1,2,3-Trichloropropane water, unfltrd µg/L (77443) | 1,2,3-Trimethylbenzene water, unfltrd µg/L (77221) | 1,2,4-Trichlorobenzene water, unfltrd µg/L (34551) | 1,2,4-Trimethylbenzene water, unfltrd µg/L (77222) | Dibromochloropropane water, unfltrd µg/L (82625) | 1,2-Dibromoethane, water, unfltrd µg/L (77651) | 1,2-Dichlorobenzene water, unfltrd µg/L (34536) | 1,2-Dichloroethane, water, unfltrd µg/L (32103) | 1,2-Dichloropropane water, unfltrd µg/L (34541) | 1,3,5-Trimethylbenzene water, unfltrd µg/L (77226) | 1,3-Dichlorobenzene water, unfltrd µg/L (34566) | 1,3-Dichloropropane water, unfltrd µg/L (77173) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 26... | <.1 | <.12 | <.1 | <.1 | <.04 | <.5 | <.04 | <.04 | <.1 | <.02 | <.04 | <.04 | <.1 |

**341108090432001 Local number H0036 COAHOMA—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
[Remark codes: <, less than.]

| Date | 1,4-Dichlorobenzene water, unfltrd µg/L (34571) | 2,2-Dichloropropane water, unfltrd µg/L (77170) | 2-Chlorotoluene water, unfltrd µg/L (77275) | 2-Ethyltoluene water, unfltrd µg/L (77220) | 3-Chloropropene water, unfltrd µg/L (78109) | 4-Chlorotoluene water, unfltrd µg/L (77277) | 4-Isopropyltoluene water, unfltrd µg/L (77356) | Acetone water, unfltrd µg/L (81552) | Acrylonitrile water, unfltrd µg/L (34215) | Benzene water, unfltrd µg/L (34030) | Bromobenzene water, unfltrd µg/L (81555) | Bromochloromethane water, unfltrd µg/L (77297) | Bromodichloromethane water, unfltrd µg/L (32101) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **26...** | <.04 | <.06 | <.04 | <.04 | <.08 | <.04 | <.08 | <6 | <.4 | <.02 | <.02 | <.06 | <.04 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
[Remark codes: <, less than.]

| Date | Bromoethene, water, unfltrd µg/L (50002) | Bromomethane water, unfltrd µg/L (34413) | Carbon disulfide water, unfltrd µg/L (77041) | Chlorobenzene water, unfltrd µg/L (34301) | Chloroethane, water, unfltrd µg/L (34311) | Chloromethane water, unfltrd µg/L (34418) | cis-1,2-Dichloroethene, water, unfltrd µg/L (77093) | cis-1,3-Dichloropropene water, unfltrd µg/L (34704) | Dibromochloromethane water, unfltrd µg/L (32105) | Dibromomethane water, unfltrd µg/L (30217) | Dichlorodifluoromethane wat unf µg/L (34668) | Dichloromethane water, unfltrd µg/L (34423) | Diethyl ether, water, unfltrd µg/L (81576) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **26...** | <.1 | <.4 | <.06 | <.02 | <.1 | <.1 | <.02 | <.06 | <.1 | <.04 | <.14 | <.04 | <.1 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
[Remark codes: <, less than.]

| Date | Diisopropyl ether, water, unfltrd µg/L (81577) | Ethyl methacrylate, water, unfltrd µg/L (73570) | Ethyl methyl ketone, water, unfltrd µg/L (81595) | Ethylbenzene water, unfltrd µg/L (34371) | Hexachlorobutadiene, water, unfltrd µg/L (39702) | Hexachloroethane, water, unfltrd µg/L (34396) | Iodomethane water, unfltrd µg/L (77424) | Isobutyl methyl ketone, water, unfltrd µg/L (78133) | Isopropylbenzene water, unfltrd µg/L (77223) | Methyl acrylonitrile water, unfltrd µg/L (81593) | Methyl acrylate, water, unfltrd µg/L (49991) | Methyl methacrylate, water, unfltrd µg/L (81597) | Methyl tert-pentyl ether, water, unfltrd µg/L (50005) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **26...** | <.06 | <.1 | <1.6 | <.02 | <.1 | <.1 | <.40 | <.2 | <.04 | <.4 | <.4 | <.2 | <.04 |

**341108090432001 Local number H0036 COAHOMA—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
[Remark codes: <, less than.]

| Date | meta- + para-Xylene, water, unfltrd µg/L (85795) | Naphth-alene, water, unfltrd µg/L (34696) | Methyl n-butyl ketone, water, unfltrd µg/L (77103) | n-Butyl benzene water, unfltrd µg/L (77342) | n-propyl-benzene water, unfltrd µg/L (77224) | o-Xylene, water, unfltrd µg/L (77135) | sec-Butyl-benzene water, unfltrd µg/L (77350) | Styrene water, unfltrd µg/L (77128) | t-Butyl ethyl ether, water, unfltrd µg/L (50004) | Methyl t-butyl ether, water, unfltrd µg/L (78032) | tert-Butyl-benzene water, unfltrd µg/L (77353) | Tetra-chloro-ethene, water, unfltrd µg/L (34475) | Tetra-chloro-methane water, unfltrd µg/L (32102) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun | | | | | | | | | | | | | |
| 26... | <.08 | <.4 | <.4 | <.1 | <.04 | <.04 | <.04 | <.04 | <.04 | <.1 | <.08 | <.04 | <.08 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
[Remark codes: <, less than.]

| Date | Tetra-hydro-furan, water, unfltrd µg/L (81607) | Toluene water, unfltrd µg/L (34010) | trans-1,2-Di-chloro-ethene, water, unfltrd µg/L (34546) | trans-1,3-Di-chloro-propene water, unfltrd µg/L (34699) | trans-1,4-Di-chloro-2-butene, wat unf µg/L (73547) | Tri-bromo-methane water, unfltrd µg/L (32104) | Tri-chloro-ethene, water, unfltrd µg/L (39180) | Tri-chloro-fluoro-methane water, unfltrd µg/L (34488) | Tri-chloro-methane water, unfltrd µg/L (32106) | Vinyl chlor-ide, water, unfltrd µg/L (39175) | Di-chlor-vos, water, fltrd, µg/L (38775) | Ra-226, water, fltrd, radon method pCi/L (09511) | Ra-228, water, fltrd, pCi/L (81366) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun | | | | | | | | | | | | | |
| 26... | <1 | <.02 | <.02 | <.10 | <.6 | <.08 | <.02 | <.08 | <.04 | <.1 | <.01 | .59 | .88 |