# 404324075041801 Local number 410389- MW94

Other aquifers
Allentown Dolomite

Warren County, NJ

LOCATION.--Lat 40°43′24″, long 75°04′18″ referenced to North American Datum of 1927, Franklin Township, Warren County, NJ, Hydrologic Unit 02040105.

## WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 158 ft. Upper casing diameter 2 in; top of first opening 138 ft, bottom of last opening 158 ft.

DATUM.--Land-surface datum is 405 ft above National Geodetic Vertical Datum of 1929. Measuring point: Undefined.

PERIOD OF RECORD.--Water years 2003, 2007.

REMARKS.--New Jersey Department of Environmental Protection Watershed Management Area 1. Agricultural Land Use Indicator.

COOPERATION.--Physical measurements and samples for laboratory analysis were collected in cooperation with the New Jersey Department of Environmental Protection.

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
Part 1 of 13
[Remark codes: <, less than; E, estimated.]

| Date | Time | Depth to water level, feet below LSD (72019) | Flow rate, instantaneous gal/min (00059) | Pump or flow period prior to sampling, minutes (72004) | Turbdty white light, det ang 90+/-30 corrctd NTRU (63676) | Barometric pressure, mm Hg (00025) | Dissolved oxygen, mg/L (00300) | Dissolved oxygen, percent of saturation (00301) | pH, water, unfltrd field, std units (00400) | Specific conductance, wat unf µS/cm 25 degC (00095) | Temperature, water, deg C (00010) | Hardness, water, mg/L as CaCO3 (00900) | Calcium water, fltrd, mg/L (00915) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jul 09... | 1020 | 88.68 | .60 | 30 | .8 | 748 | 10.7 | 100 | 7.4 | 1,080 | 12.4 | 300 | 64.8 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
Part 2 of 13
[Remark codes: <, less than; E, estimated.]

| Date | Magnesium, water, fltrd, mg/L (00925) | Potassium, water, fltrd, mg/L (00935) | Sodium, water, fltrd, mg/L (00930) | Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086) | Bicarbonate, wat flt incrm. titr., field, mg/L (00453) | Chloride, water, fltrd, mg/L (00940) | Fluoride, water, fltrd, mg/L (00950) | Silica, water, fltrd, mg/L (00955) | Sulfate water, fltrd, mg/L (00945) | Residue water, fltrd, sum of constituents mg/L (70301) | Residue on evap. at 180degC wat flt mg/L (70300) | Ammonia + org-N, water, fltrd, mg/L as N (00623) | Ammonia water, fltrd, mg/L as N (00608) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jul 09... | 32.9 | 5.09 | 90.3 | 162 | 198 | 181 | E.07 | 11.9 | 17.2 | 572 | 613 | <.10 | <.020 |

**404324075041801 Local number 410389- MW94—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
Part 3 of 13
[Remark codes: <, less than; E, estimated.]

| Date | Nitrate + nitrite water fltrd, mg/L as N (00631) | Nitrite water, fltrd, mg/L as N (00613) | Ortho-phos-phate, water, fltrd, mg/L as P (00671) | Organic carbon, water, fltrd, mg/L (00681) | Alum-inum, water, fltrd, µg/L (01106) | Anti-mony, water, fltrd, µg/L (01095) | Arsenic water, fltrd, µg/L (01000) | Barium, water, fltrd, µg/L (01005) | Beryll-ium, water, fltrd, µg/L (01010) | Boron, water, fltrd, µg/L (01020) | Cadmium water, fltrd, µg/L (01025) | Chrom-ium, water, fltrd, µg/L (01030) | Copper, water, fltrd, µg/L (01040) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jul 09... | 16.1 | E.001 | .007 | .5 | E1.2 | E.03 | E.06 | 131 | <.06 | <8 | E.02 | 1.9 | <.40 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
Part 4 of 13
[Remark codes: <, less than; E, estimated.]

| Date | Iron, water, fltrd, µg/L (01046) | Lead, water, fltrd, µg/L (01049) | Mangan-ese, water, fltrd, µg/L (01056) | Mercury water, fltrd, µg/L (71890) | Nickel, water, fltrd, µg/L (01065) | Selen-ium, water, fltrd, µg/L (01145) | Silver, water, fltrd, µg/L (01075) | Thall-ium, water, fltrd, µg/L (01057) | Zinc, water, fltrd, µg/L (01090) | 1-Naph-thol, water, fltrd 0.7u GF µg/L (49295) | 2,6-Di-ethyl-aniline water, fltrd 0.7u GF µg/L (82660) | 2Chloro -2',6'-diethyl acet-anilide wat flt µg/L (61618) | CIAT, water, fltrd, µg/L (04040) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jul 09... | E4 | <.12 | E.1 | <.010 | .28 | .57 | <.1 | <.04 | <.60 | <.09 | <.006 | <.008 | E.417 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
Part 5 of 13
[Remark codes: <, less than; E, estimated.]

| Date | 2-Ethyl -6-methyl-aniline water, fltrd, µg/L (61620) | 3,4-Di-chloro-aniline water, fltrd, µg/L (61625) | 3,5-Di-chloro-aniline water, fltrd, µg/L (61627) | 4-Chloro-2methyl phenol, water, fltrd, µg/L (61633) | Aceto-chlor, water, fltrd, µg/L (49260) | Ala-chlor, water, fltrd, µg/L (46342) | alpha-Endo-sulfan, water, fltrd, µg/L (34362) | Atra-zine, water, fltrd, µg/L (39632) | Azin-phos-methyl oxon, water, fltrd, µg/L (61635) | Azin-phos-methyl, water, fltrd 0.7u GF µg/L (82686) | Ben-flur-alin, water, fltrd 0.7u GF µg/L (82673) | Car-baryl, water, fltrd 0.7u GF µg/L (82680) | Carbo-furan, water, fltrd 0.7u GF µg/L (82674) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jul 09... | <.010 | <.004 | <.012 | <.005 | .016 | .141 | <.011 | .274 | <.05 | <.080 | <.010 | <.060 | <.020 |

**404324075041801 Local number 410389- MW94—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
Part 6 of 13
[Remark codes: <, less than; E, estimated.]

| Date | 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) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jul** | | | | | | | | | | | | | |
| **09...** | <.06 | <.005 | <.010 | <.013 | <.018 | <.053 | <.014 | <.046 | <.003 | <.012 | <.005 | <.08 | <.009 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
Part 7 of 13
[Remark codes: <, less than; E, estimated.]

| Date | 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) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jul** | | | | | | | | | | | | | |
| **09...** | <.006 | <.01 | <.02 | <.022 | <.002 | <.02 | <.016 | <.012 | <.053 | <.04 | <.03 | <.029 | <.013 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
Part 8 of 13
[Remark codes: <, less than; E, estimated.]

| Date | 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) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jul** | | | | | | | | | | | | | |
| **09...** | <.024 | <.016 | <.006 | <.026 | <.026 | <.011 | <.039 | <.016 | <.007 | <.009 | <.02 | <.008 | 4.62 |

**404324075041801 Local number 410389- MW94—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
Part 9 of 13
[Remark codes: <, less than; E, estimated.]

| Date | 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) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jul 09... | <.012 | <.003 | <.033 | <.017 | <.020 | <.03 | <.020 | <.05 | <.008 | <.01 | <.006 | <.004 | <.011 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
Part 10 of 13
[Remark codes: <, less than; E, estimated.]

| Date | 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) | 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-Trichloroethane, water, unfltrd µg/L (34506) | CFC-113 water, unfltrd µg/L (77652) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jul 09... | <.02 | <.006 | <.02 | <.003 | <.04 | <.01 | <.01 | <.010 | <.03 | <.035 | <.009 | <.1 | <.1 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
Part 11 of 13
[Remark codes: <, less than; E, estimated.]

| Date | 1,1-Dichloroethane, water, unfltrd µg/L (34496) | 1,1-Dichloroethene, water, unfltrd µg/L (34501) | 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-Dichlorobenzene water, unfltrd µg/L (34566) | 1,4-Dichlorobenzene water, unfltrd µg/L (34571) | Benzene water, unfltrd µg/L (34030) | Bromodichloromethane water, unfltrd µg/L (32101) | Chlorobenzene water, unfltrd µg/L (34301) | cis-1,2-Dichloroethene, water, unfltrd µg/L (77093) | Dibromochloromethane water, unfltrd µg/L (32105) | Dichlorodifluoromethane wat unf µg/L (34668) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jul 09... | <.1 | <.1 | <.1 | <.2 | <.1 | <.1 | <.1 | <.1 | <.1 | <.1 | <.1 | <.2 | <.2 |

**404324075041801 Local number 410389- MW94—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
Part 12 of 13
[Remark codes: <, less than; E, estimated.]

| Date | Di-chloro-methane water, unfltrd µg/L (34423) | Di-ethyl ether, water, unfltrd µg/L (81576) | Diiso-propyl ether, water, unfltrd µg/L (81577) | Ethyl-benzene water, unfltrd µg/L (34371) | Methyl tert-pentyl ether, water, unfltrd µg/L (50005) | meta- + para-Xylene, water, unfltrd µg/L (85795) | o-Xylene, water, unfltrd µg/L (77135) | Styrene water, unfltrd µg/L (77128) | t-Butyl ethyl ether, water, unfltrd µg/L (50004) | Methyl t-butyl ether, water, unfltrd µg/L (78032) | Tetra-chloro-ethene, water, unfltrd µg/L (34475) | Tetra-chloro-methane water, unfltrd µg/L (32102) | Toluene water, unfltrd µg/L (34010) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jul | | | | | | | | | | | | | |
| 09... | <.2 | <.2 | <.2 | <.1 | <.2 | <.2 | <.1 | <.1 | <.1 | <.2 | <.1 | <.2 | <.1 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
Part 13 of 13
[Remark codes: <, less than; E, estimated.]

| Date | trans-1,2-Di-chloro-ethene, water, unfltrd µg/L (34546) | 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) | Alpha radioac 30 day, wat flt Th-230, pCi/L (62639) | Alpha radioac 72 hr, wat flt Th-230, pCi/L (62636) | Beta radioac 30 day, wat flt Cs-137, pCi/L (62645) | Beta radioac 72 hr, wat flt Cs-137, pCi/L (62642) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Jul | | | | | | | | | | | |
| 09... | <.1 | <.2 | <.1 | <.2 | <.1 | <.2 | <.01 | -3.4 | -1.5 | 4.1 | 4.8 |