



Water-Data Report 2007

**362817079231601 Local number CS-146, Piedmont Major Aquifer Study, Site 35**

Piedmont and Blue Ridge crystalline-rock aquifers  
 Mafic Gneiss  
 Caswell County, NC

LOCATION.--Lat 36°28'17", long 79°23'16" referenced to North American Datum of 1983, Caswell County, NC, Hydrologic Unit 03010104, private residence, Providence, NC.

**WATER-QUALITY RECORDS**

WELL CHARACTERISTICS.--Depth 322 ft. Upper casing diameter 6 in, top of first opening 84 ft, bottom of last opening 322 ft.

PERIOD OF RECORD.--August 2007.

REMARKS.--Well is part of the National Water Quality Assessment Program (NAWQA).

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

Part 1 of 18

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

| Date      | Time | Depth to water level, feet below LSD (72019) | Water level, depth below MP, feet (61055) | Barometric pressure, mm Hg (00025) | Dis-solved oxygen, mg/L (00300) | Dis-solved oxygen, percent of saturation (00301) | pH, water, unfltrd field, std units (00400) | Specific conductance, wat unfltrd μS/cm 25 degC (00095) | Temperature, deg C (00010) | Hardness, water, mg/L as CaCO3 (00900) | Calcium, water, fltrd, mg/L (00915) | Magnesium, water, fltrd, mg/L (00925) | Potassium, water, fltrd, mg/L (00935) |
|-----------|------|----------------------------------------------|-------------------------------------------|------------------------------------|---------------------------------|--------------------------------------------------|---------------------------------------------|---------------------------------------------------------|----------------------------|----------------------------------------|-------------------------------------|---------------------------------------|---------------------------------------|
| Aug 02... | 1045 | 31.62                                        | 32.10                                     | 749                                | .3                              | 3                                                | 7.2                                         | 347                                                     | 17.2                       | 150                                    | 43.1                                | 9.92                                  | 2.54                                  |

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

Part 2 of 18

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

| Date      | 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) | Bromide, water, fltrd, mg/L (71870) | 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 on evap. at 180degC wat flt mg/L (70300) | Ammonia, water, fltrd, mg/L as N (00608) | 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) |
|-----------|------------------------------------|----------------------------------------------------------|--------------------------------------------------------|-------------------------------------|--------------------------------------|--------------------------------------|------------------------------------|-------------------------------------|--------------------------------------------------|------------------------------------------|----------------------------------------------------|------------------------------------------|---------------------------------------------------|
| Aug 02... | 13.1                               | 162                                                      | 197                                                    | .07                                 | 9.35                                 | .70                                  | 26.1                               | 10.4                                | 209                                              | <.020                                    | E.04                                               | <.002                                    | E.04                                              |

## 362817079231601 Local number CS-146, Piedmont Major Aquifer Study, Site 35—Continued

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

Part 3 of 18

[Remark codes: &lt;, less than; E, estimated; U, analyzed for but not detected.]

| Date      | Ortho-phosphate, water, fltrd, mg/L as P (00671) | Organic carbon, water, fltrd, mg/L (00681) | Colipge F-spec, 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) | 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) |
|-----------|--------------------------------------------------|--------------------------------------------|----------------------------------------------------|-------------------------------------------------------------|-------------------------------------------|----------------------------------------------------|---------------------------------------|---------------------------------------|-------------------------------------|------------------------------------|----------------------------------------|-----------------------------------|-------------------------------------|
| Aug 02... | .009                                             | .4                                         | U                                                  | U                                                           | <1                                        | <1                                                 | E1.1                                  | <.06                                  | E.06                                | 3                                  | <.06                                   | E7                                | <.04                                |

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

Part 4 of 18

[Remark codes: &lt;, less than; E, estimated; U, analyzed for but not detected.]

| Date      | Chrom-ium, water, fltrd, µg/L (01030) | Cobalt, water, fltrd, µg/L (01035) | Copper, water, fltrd, µg/L (01040) | Hydro-gen sulfide, water, unfltrd, mg/L (71875) | Iron, water, fltrd, µg/L (01046) | Lead, water, fltrd, µg/L (01049) | Lithium, water, fltrd, µg/L (01130) | Mangan-ese, water, fltrd, µg/L (01056) | Molyb-denum, water, fltrd, µg/L (01060) | Nickel, water, fltrd, µg/L (01065) | Selen-ium, water, fltrd, µg/L (01145) | Silver, water, fltrd, µg/L (01075) | Stront-ium, water, fltrd, µg/L (01080) |
|-----------|---------------------------------------|------------------------------------|------------------------------------|-------------------------------------------------|----------------------------------|----------------------------------|-------------------------------------|----------------------------------------|-----------------------------------------|------------------------------------|---------------------------------------|------------------------------------|----------------------------------------|
| Aug 02... | <.12                                  | <.04                               | .51                                | U                                               | <6                               | .64                              | 4.7                                 | 12.5                                   | 1.8                                     | .16                                | <.08                                  | <.1                                | 119                                    |

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

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[Remark codes: &lt;, less than; E, estimated; U, analyzed for but not detected.]

| Date      | Thall-ium, water, fltrd, µg/L (01057) | Vanad-ium, water, fltrd, µg/L (01085) | 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, water, fltrd, µg/L (61618) | CIAT, water, fltrd, µg/L (04040) | 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) |
|-----------|---------------------------------------|---------------------------------------|----------------------------------|-------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------|----------------------------------|-------------------------------------------------------|---------------------------------------------------|---------------------------------------------------|-----------------------------------------------------|-----------------------------------------|---------------------------------------|
| Aug 02... | <.04                                  | .29                                   | 7.2                              | <.09                                            | <.006                                                    | <.006                                                           | <.014                            | <.010                                                 | <.004                                             | <.012                                             | <.005                                               | <.006                                   | <.005                                 |

## 362817079231601 Local number CS-146, Piedmont Major Aquifer Study, Site 35—Continued

## WATER-QUALITY DATA

## WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

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[Remark codes: &lt;, less than; E, estimated; U, analyzed for but not detected.]

| Date      | alpha-Endosulfan, water, fltrd, µg/L (34362) | Atrazine, water, fltrd, µg/L (39632) | Azin-phos-methyl oxon, water, fltrd, µg/L (61635) | Azin-phos-methyl, fltrd, 0.7u GF (82686) | Ben-flur-alin, water, fltrd, 0.7u GF (82673) | Carbaryl, water, fltrd, 0.7u GF (82680) | Carbofuran, water, fltrd, 0.7u GF (82674) | Chlorpyrifos oxon, water, fltrd, µg/L (61636) | Chlorpyrifos, water, fltrd, µg/L (38933) | cis-Permethrin, water, fltrd, 0.7u GF (82687) | cis-Propiconazole, water, fltrd, µg/L (79846) | Cyana-zine, water, fltrd, µg/L (04041) | Cyfluthrin, water, fltrd, µg/L (61585) |
|-----------|----------------------------------------------|--------------------------------------|---------------------------------------------------|------------------------------------------|----------------------------------------------|-----------------------------------------|-------------------------------------------|-----------------------------------------------|------------------------------------------|-----------------------------------------------|-----------------------------------------------|----------------------------------------|----------------------------------------|
| Aug 02... | <.011                                        | <.007                                | <.04                                              | <.080                                    | <.010                                        | <.060                                   | <.020                                     | <.06                                          | <.005                                    | <.010                                         | <.013                                         | <.018                                  | <.053                                  |

## WATER-QUALITY DATA

## WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

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[Remark codes: &lt;, less than; E, estimated; U, analyzed for but not detected.]

| Date      | lambda-Cyhalothrin, water, fltrd, µg/L (61595) | Cypermethrin, water, fltrd, µg/L (61586) | DCPA, water, fltrd, 0.7u GF (82682) | Desulf-inyl-fipro-nil, 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 (82662) | Disulfoton sulfone, water, fltrd, µg/L (61640) | Disulfoton, water, fltrd, 0.7u GF (82677) | Endosulfan sulfate, water, fltrd, µg/L (61590) | EPTC, water, fltrd, 0.7u GF (82668) | Ethion monoxon, water, fltrd, µg/L (61644) |
|-----------|------------------------------------------------|------------------------------------------|-------------------------------------|---------------------------------------------------|--------------------------------------|-----------------------------------------|--------------------------------------|-------------------------------------------|------------------------------------------------|-------------------------------------------|------------------------------------------------|-------------------------------------|--------------------------------------------|
| Aug 02... | <.014                                          | <.046                                    | <.003                               | <.012                                             | <.005                                | <.08                                    | <.009                                | <.006                                     | <.01                                           | <.02                                      | <.022                                          | <.002                               | <.02                                       |

## WATER-QUALITY DATA

## WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

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[Remark codes: &lt;, less than; E, estimated; U, analyzed for but not detected.]

| Date      | Ethion, water, fltrd, µg/L (82346) | Ethoprop, water, fltrd, 0.7u GF (82672) | Fenamiphos sulfone, water, fltrd, µg/L (61645) | Fenamiphos sulf-oxide, water, fltrd, µg/L (61646) | Fenamiphos, water, fltrd, µg/L (61591) | Desulf-inyl-fipro-nil amide, wat flt (62169) | Fipro-nil sulfide, water, fltrd, µg/L (62167) | Fipro-nil sulfone, water, fltrd, µg/L (62168) | Fipro-nil, 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) |
|-----------|------------------------------------|-----------------------------------------|------------------------------------------------|---------------------------------------------------|----------------------------------------|----------------------------------------------|-----------------------------------------------|-----------------------------------------------|---------------------------------------|-------------------------------------|----------------------------------------|---------------------------------------|----------------------------------------|
| Aug 02... | <.016                              | <.012                                   | <.053                                          | <.04                                              | <.03                                   | <.029                                        | <.013                                         | <.024                                         | <.016                                 | <.006                               | <.026                                  | <.026                                 | <.011                                  |

## 362817079231601 Local number CS-146, Piedmont Major Aquifer Study, Site 35—Continued

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

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[Remark codes: &lt;, less than; E, estimated; U, analyzed for but not detected.]

| Date      | Mala-oxon, water, fltrd, µg/L (61652) | Mala-thion, water, fltrd, µg/L (39532) | Meta-laxyl, water, fltrd, µg/L (61596) | Methi-althion, water, fltrd, µg/L (61598) | Methyl para-oxon, water, fltrd, µg/L (61664) | Methyl para-thion, water, fltrd, 0.7u GF µg/L (82667) | Metola-chlor, water, fltrd, µg/L (39415) | Metri-buzin, water, fltrd, µg/L (82630) | Moli-nate, water, fltrd, 0.7u GF µg/L (82671) | Myclo-butanil, water, fltrd, µg/L (61599) | Oxy-fluor-fen, water, fltrd, µg/L (61600) | Pendi-meth-alin, water, fltrd, 0.7u GF µg/L (82683) | Phorate oxon, water, fltrd, µg/L (61666) |
|-----------|---------------------------------------|----------------------------------------|----------------------------------------|-------------------------------------------|----------------------------------------------|-------------------------------------------------------|------------------------------------------|-----------------------------------------|-----------------------------------------------|-------------------------------------------|-------------------------------------------|-----------------------------------------------------|------------------------------------------|
| Aug 02... | <.039                                 | <.016                                  | <.007                                  | <.009                                     | <.02                                         | <.008                                                 | <.010                                    | <.012                                   | <.003                                         | <.033                                     | <.017                                     | <.020                                               | <.03                                     |

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

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[Remark codes: &lt;, less than; E, estimated; U, analyzed for but not detected.]

| Date      | Phorate water, fltrd, 0.7u GF µg/L (82664) | Phosmet oxon, water, fltrd, µg/L (61668) | Phosmet water, fltrd, µg/L (61601) | Prome-ton, water, fltrd, µg/L (04037) | Prome-tryn, water, fltrd, µg/L (04036) | Propy-zamide, water, fltrd, 0.7u GF µg/L (82676) | Pro-panil, water, fltrd, 0.7u GF µg/L (82679) | Propar-gite, water, fltrd, 0.7u GF µg/L (82685) | Sima-zine, water, fltrd, µg/L (04035) | Tebu-thiuron, water, fltrd, 0.7u GF µg/L (82670) | Teflu-thrin, water, fltrd, µg/L (61606) | Ter-bufos oxon sulfone, water, fltrd, µg/L (61674) | Terbu-fos, water, fltrd, 0.7u GF µg/L (82675) |
|-----------|--------------------------------------------|------------------------------------------|------------------------------------|---------------------------------------|----------------------------------------|--------------------------------------------------|-----------------------------------------------|-------------------------------------------------|---------------------------------------|--------------------------------------------------|-----------------------------------------|----------------------------------------------------|-----------------------------------------------|
| Aug 02... | <.020                                      | <.05                                     | <.008                              | <.01                                  | <.006                                  | <.004                                            | <.011                                         | <.02                                            | <.006                                 | <.02                                             | <.003                                   | <.04                                               | <.01                                          |

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

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[Remark codes: &lt;, less than; E, estimated; U, analyzed for but not detected.]

| Date      | Ter-buthyl-azine, water, fltrd, µg/L (04022) | Thio-bencarb water, fltrd, 0.7u GF µg/L (82681) | trans-Propi-conazole, water, fltrd, µg/L (79847) | Tribu-phos, water, fltrd, µg/L (61610) | Tri-fluralin, water, fltrd, 0.7u GF µg/L (82661) | 1,1,1,2-Tetra-chloro-ethane, water, unfltrd, µg/L (77562) | 1,1,1-Tri-chloro-ethane, water, unfltrd, µg/L (34506) | 1,1,2,2-Tetra-chloro-ethane, water, unfltrd, µg/L (34516) | CFC-113, water, unfltrd, µg/L (77652) | 1,1,2-Tri-chloro-ethane, water, unfltrd, µg/L (34511) | 1,1-Di-chloro-ethane, water, unfltrd, µg/L (34496) | 1,1-Di-chloro-ethene, water, unfltrd, µg/L (34501) | 1,1-Di-chloro-propene, water, unfltrd, µg/L (77168) |
|-----------|----------------------------------------------|-------------------------------------------------|--------------------------------------------------|----------------------------------------|--------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------|---------------------------------------|-------------------------------------------------------|----------------------------------------------------|----------------------------------------------------|-----------------------------------------------------|
| Aug 02... | <.01                                         | <.010                                           | <.03                                             | <.035                                  | <.009                                            | <.04                                                      | <.04                                                  | <.10                                                      | <.04                                  | <.04                                                  | <.06                                               | <.02                                               | <.04                                                |

## 362817079231601 Local number CS-146, Piedmont Major Aquifer Study, Site 35—Continued

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

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[Remark codes: &lt;, less than; E, estimated; U, analyzed for but not detected.]

| Date      | 1,2,3,4-Tetra-methyl-benzene water, unfltrd<br>µg/L<br>(49999) | 1,2,3,5-Tetra-methyl-benzene water, unfltrd<br>µg/L<br>(50000) | 1,2,3-Tri-chloro-benzene water, unfltrd<br>µg/L<br>(77613) | 1,2,3-Tri-chloro-propane water, unfltrd<br>µg/L<br>(77443) | 1,2,3-Tri-methyl-benzene water, unfltrd<br>µg/L<br>(77221) | 1,2,4-Tri-chloro-benzene water, unfltrd<br>µg/L<br>(34551) | 1,2,4-Tri-methyl-benzene water, unfltrd<br>µg/L<br>(77222) | Dibromo-chloro-propane water, unfltrd<br>µg/L<br>(82625) | 1,2-Di-bromo-ethane, water, unfltrd<br>µg/L<br>(77651) | 1,2-Di-chloro-benzene water, unfltrd<br>µg/L<br>(34536) | 1,2-Di-chloro-ethane, water, unfltrd<br>µg/L<br>(32103) | 1,2-Di-chloro-propane water, unfltrd<br>µg/L<br>(34541) | 1,3,5-Tri-methyl-benzene water, unfltrd<br>µg/L<br>(77226) |
|-----------|----------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------|
| Aug 02... | <.1                                                            | <.1                                                            | <.1                                                        | <.12                                                       | <.1                                                        | <.1                                                        | <.04                                                       | <.5                                                      | <.04                                                   | <.04                                                    | <.1                                                     | <.02                                                    | <.04                                                       |

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

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[Remark codes: &lt;, less than; E, estimated; U, analyzed for but not detected.]

| Date      | 1,3-Di-chloro-benzene water, unfltrd<br>µg/L<br>(34566) | 1,3-Di-chloro-propane water, unfltrd<br>µg/L<br>(77173) | 1,4-Di-chloro-benzene water, unfltrd<br>µg/L<br>(34571) | 2,2-Di-chloro-propane water, unfltrd<br>µg/L<br>(77170) | 2-Chloro-toluene water, unfltrd<br>µg/L<br>(77275) | 2-Ethyl-toluene water, unfltrd<br>µg/L<br>(77220) | 3-Chloro-propene water, unfltrd<br>µg/L<br>(78109) | 4-Chloro-toluene water, unfltrd<br>µg/L<br>(77277) | 4-Iso-propyl-toluene water, unfltrd<br>µg/L<br>(77356) | Acetone water, unfltrd<br>µg/L<br>(81552) | Acrylo-nitrile water, unfltrd<br>µg/L<br>(34215) | Benzene water, unfltrd<br>µg/L<br>(34030) | Bromo-benzene water, unfltrd<br>µg/L<br>(81555) |
|-----------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------|---------------------------------------------------|----------------------------------------------------|----------------------------------------------------|--------------------------------------------------------|-------------------------------------------|--------------------------------------------------|-------------------------------------------|-------------------------------------------------|
| Aug 02... | <.04                                                    | <.1                                                     | <.04                                                    | <.06                                                    | <.04                                               | <.04                                              | <.08                                               | <.04                                               | <.08                                                   | <6                                        | <.4                                              | <.02                                      | <.02                                            |

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

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[Remark codes: &lt;, less than; E, estimated; U, analyzed for but not detected.]

| Date      | Bromo-chloro-methane water, unfltrd<br>µg/L<br>(77297) | Bromo-di-chloro-methane water, unfltrd<br>µg/L<br>(32101) | Bromo-ethene, water, unfltrd<br>µg/L<br>(50002) | Bromo-methane water, unfltrd<br>µg/L<br>(34413) | Carbon di-sulfide water, unfltrd<br>µg/L<br>(77041) | Chloro-benzene water, unfltrd<br>µg/L<br>(34301) | Chloro-ethane, water, unfltrd<br>µg/L<br>(34311) | Chloro-methane water, unfltrd<br>µg/L<br>(34418) | cis-1,2-Di-chloro-ethene, water, unfltrd<br>µg/L<br>(77093) | cis-1,3-Di-chloro-propene water, unfltrd<br>µg/L<br>(34704) | Di-bromo-chloro-methane water, unfltrd<br>µg/L<br>(32105) | Di-bromo-methane water, unfltrd<br>µg/L<br>(30217) | Di-chloro-di-fluoro-methane water, unfltrd<br>µg/L<br>(34668) |
|-----------|--------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-----------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------|
| Aug 02... | <.06                                                   | <.04                                                      | <.1                                             | <.4                                             | <.06                                                | <.02                                             | <.1                                              | <.1                                              | <.02                                                        | <.06                                                        | <.1                                                       | <.04                                               | <.14                                                          |

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

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

| Date      | Di-chloro-methane water, unfltrd<br>µg/L<br>(34423) | Di-ethyl ether, water, unfltrd<br>µg/L<br>(81576) | Diiso-propyl ether, water, unfltrd<br>µg/L<br>(81577) | Ethyl methacrylate, water, unfltrd<br>µg/L<br>(73570) | Ethyl methyl ketone, water, unfltrd<br>µg/L<br>(81595) | Ethyl-benzene water, unfltrd<br>µg/L<br>(34371) | Hexa-chloro-butadiene, water, unfltrd<br>µg/L<br>(39702) | Hexa-chloro-ethane, water, unfltrd<br>µg/L<br>(34396) | Iodo-methane water, unfltrd<br>µg/L<br>(77424) | Iso-butyl methyl ketone, water, unfltrd<br>µg/L<br>(78133) | Iso-propyl-benzene water, unfltrd<br>µg/L<br>(77223) | Methyl acrylonitrile water, unfltrd<br>µg/L<br>(81593) | Methyl acrylate, water, unfltrd<br>µg/L<br>(49991) |
|-----------|-----------------------------------------------------|---------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------|------------------------------------------------|------------------------------------------------------------|------------------------------------------------------|--------------------------------------------------------|----------------------------------------------------|
| Aug 02... | <.04                                                | <.1                                               | <.06                                                  | <.1                                                   | <1.6                                                   | <.02                                            | <.1                                                      | <.1                                                   | <.40                                           | <.2                                                        | <.04                                                 | <.4                                                    | <.4                                                |

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

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

| Date      | Methyl methacrylate, water, unfltrd<br>µg/L<br>(81597) | Methyl tert-pentyl ether, water, unfltrd<br>µg/L<br>(50005) | meta-para-Xylene, water, unfltrd<br>µg/L<br>(85795) | Naphthalene, water, unfltrd<br>µg/L<br>(34696) | Methyl n-butyl ketone, water, unfltrd<br>µg/L<br>(77103) | n-Butyl benzene water, unfltrd<br>µg/L<br>(77342) | n-propyl-benzene water, unfltrd<br>µg/L<br>(77224) | o-Xylene, water, unfltrd<br>µg/L<br>(77135) | sec-Butyl-benzene water, unfltrd<br>µg/L<br>(77350) | Styrene water, unfltrd<br>µg/L<br>(77128) | t-Butyl ethyl ether, water, unfltrd<br>µg/L<br>(50004) | Methyl t-butyl ether, water, unfltrd<br>µg/L<br>(78032) | tert-Butyl-benzene water, unfltrd<br>µg/L<br>(77353) |
|-----------|--------------------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------|------------------------------------------------|----------------------------------------------------------|---------------------------------------------------|----------------------------------------------------|---------------------------------------------|-----------------------------------------------------|-------------------------------------------|--------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------|
| Aug 02... | <.2                                                    | <.04                                                        | <.08                                                | <.4                                            | <.4                                                      | <.1                                               | <.04                                               | <.04                                        | <.04                                                | <.04                                      | <.04                                                   | <.1                                                     | <.08                                                 |

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

Part 17 of 18

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

| Date      | Tetra-chloro-ethene, water, unfltrd<br>µg/L<br>(34475) | Tetra-chloro-methane water, unfltrd<br>µg/L<br>(32102) | Tetra-hydrofuran, water, unfltrd<br>µg/L<br>(81607) | Toluene water, unfltrd<br>µg/L<br>(34010) | trans-1,2-Di-chloro-ethene, water, unfltrd<br>µg/L<br>(34546) | trans-1,3-Di-chloro-propene water, unfltrd<br>µg/L<br>(34699) | trans-1,4-Di-chloro-2-butene, water, unfltrd<br>µg/L<br>(73547) | Tri-bromo-methane water, unfltrd<br>µg/L<br>(32104) | Tri-chloro-ethene, water, unfltrd<br>µg/L<br>(39180) | Tri-chloro-fluoro-methane water, unfltrd<br>µg/L<br>(34488) | Tri-chloro-methane water, unfltrd<br>µg/L<br>(32106) | Vinyl chloride, water, unfltrd<br>µg/L<br>(39175) | Di-chloro-vos, water, fltrd,<br>µg/L<br>(38775) |
|-----------|--------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------|-------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------|------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------|---------------------------------------------------|-------------------------------------------------|
| Aug 02... | <.04                                                   | <.08                                                   | <.1                                                 | <.02                                      | <.02                                                          | <.10                                                          | <.6                                                             | <.08                                                | <.02                                                 | <.08                                                        | <.04                                                 | <.1                                               | <.01                                            |

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

Part 18 of 18

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

| Date         | Gross<br>alpha<br>30 day<br>recount<br>wat unf<br>Th-230,<br>pCi/L<br>(63016) | Gross<br>alpha<br>72 hr,<br>radioac<br>wat unf<br>Th-230,<br>pCi/L<br>(63014) | Gross<br>beta<br>30 day<br>recount<br>wat unf<br>Cs-137,<br>pCi/L<br>(63017) | Gross<br>beta<br>72 hr,<br>radioac<br>wat unf<br>Cs-137,<br>pCi/L<br>(63015) | Ra-226,<br>water,<br>fltrd,<br>radon<br>method<br>pCi/L<br>(09511) | Ra-228,<br>water,<br>fltrd,<br>pCi/L<br>(81366) | Rn-222<br>2-sigma<br>water,<br>unfltrd<br>pCi/L<br>(76002) | Rn-222,<br>water,<br>unfltrd<br>pCi/L<br>(82303) | Uranium<br>natural<br>water,<br>fltrd,<br>µg/L<br>(22703) |
|--------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------|
| Aug<br>02... | 4.3                                                                           | 9                                                                             | 4.0                                                                          | 3.1                                                                          | .25                                                                | .08                                             | 45                                                         | 2,460                                            | 7.05                                                      |