07071000 GREER SPRING AT GREER, MO--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--November 1993 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

| DATE | TIME | DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061) | TEMPER-ATURE WATER (DEG C) (00010) | SPE-CIFIC CON-DUCT-ANCE (µS/cm) (00095) | PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400) | OXYGEN, DIS-SOLVED (mg/L) (00300) | OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301) | OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (mg/L) (00340) | COLI-FORM, FECAL, 0.7 µM-MF (COLS./ 100 mL) (31625) | STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 mL) (31673) | E. COLI WATER WHOLE TOTAL UREASE (COL / 100 mL) (31633) | ANC WATER UNFLTRD FET FIELD (mg/L as $CaCO_3$) (00410) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOV | | | | | | | | | | | | |
| 19... | 1145 | 265 | 14.4 | 359 | 8.23 | 9.0 | 86 | <10 | 32 | K1 | 38 | 192 |
| FEB | | | | | | | | | | | | |
| 03... | 1120 | 288 | 14.0 | 299 | 7.53 | 9.1 | 88 | <10 | K10 | -- | K17 | 147 |
| APR | | | | | | | | | | | | |
| 08... | 0820 | 582 | 13.4 | 201 | 7.35 | 9.2 | 90 | <10 | 250 | 82 | 250 | 91 |
| JUL | | | | | | | | | | | | |
| 06... | 1145 | 321 | 14.2 | 317 | 7.10 | 10.5 | 102 | <10 | 34 | 81 | 43 | 173 |

| DATE | ANC BICAR-BONATE IT FIELD (mg/L as $HCO_3$) (00450) | ANC CAR-BONATE IT FIELD (mg/L as $CO_3$) (00447) | NITRO-GEN, $NO_2$+$NO_3$ DIS-SOLVED (mg/L as N) (00631) | NITRO-GEN, NITRITE DIS-SOLVED (mg/L as N) (00613) | NITRO-GEN, AMMONIA DIS-SOLVED (mg/L as N) (00608) | NITRO-GEN,AM-MONIA + ORGANIC DIS. (mg/L as N) (00623) | PHOS-PHORUS DIS-SOLVED (mg/L as P) (00666) | PHOS-PHORUS ORTHO, DIS-SOLVED (mg/L as P) (00671) | HARD-NESS TOTAL (mg/L as $CaCO_3$) (00900) | CALCIUM DIS-SOLVED (mg/L as Ca) (00915) | MAGNE-SIUM, DIS-SOLVED (mg/L as Mg) (00925) | SODIUM, DIS-SOLVED (mg/L as Na) (00930) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOV | | | | | | | | | | | | |
| 19... | 231 | 0 | 0.67 | <0.01 | <0.02 | <0.1 | <0.01 | 0.02 | 190 | 37 | 23 | 1.8 |
| FEB | | | | | | | | | | | | |
| 03... | 180 | 0 | 0.95 | <0.01 | <0.02 | <0.1 | <0.01 | 0.02 | 160 | 34 | 19 | 1.7 |
| APR | | | | | | | | | | | | |
| 08... | 113 | 0 | 0.80 | <0.01 | 0.02 | <0.1 | 0.01 | 0.02 | 99 | 21 | 12 | 1.2 |
| JUL | | | | | | | | | | | | |
| 06... | 211 | 0 | 0.81 | <0.01 | 0.04 | 0.3 | <0.01 | 0.01 | 180 | 37 | 21 | 1.5 |

| DATE | POTAS-SIUM, DIS-SOLVED (mg/L as K) (00935) | SULFATE DIS-SOLVED (mg/L as $SO_4$) (00945) | CHLO-RIDE, DIS-SOLVED (mg/L as Cl) (00940) | FLUO-RIDE, DIS-SOLVED (mg/L as F) (00950) | SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (mg/L) (70300) | SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (mg/L) (70301) | SOLIDS, DIS-SOLVED (TONS PER DAY) (70302) | RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (mg/L) (00530) | ALUM-INUM, TOTAL RECOV-ERABLE (µg/L as Al) (01105) | ALUM-INUM, DIS-SOLVED (µg/L as Al) (01106) | CADMIUM WATER UNFLTRD TOTAL (µg/L as Cd) (01027) | CADMIUM DIS-SOLVED (µg/L as Cd) (01025) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOV | | | | | | | | | | | | |
| 19... | 0.8 | 2.6 | 2.5 | <0.1 | 200 | 184 | 143 | <1 | 30 | 5.4 | <1 | 1 |
| FEB | | | | | | | | | | | | |
| 03... | 1.2 | 2.7 | 3.0 | <0.1 | 178 | 155 | 138 | 1 | 60 | <10.0 | <1 | <8 |
| APR | | | | | | | | | | | | |
| 08... | 1.4 | 2.5 | 2.7 | <0.1 | 112 | 99 | 176 | <1 | 160 | 38.2 | <1 | <8 |
| JUL | | | | | | | | | | | | |
| 06... | 1.3 | 2.1 | 2.7 | <0.1 | 182 | 173 | 158 | <1 | 20 | <10.0 | <1 | <8 |

| DATE | COPPER, DIS-SOLVED (µg/L as Cu) (01040) | IRON, DIS-SOLVED (µg/L as Fe) (01046) | LEAD, TOTAL RECOV-ERABLE (µg/L as Pb) (01051) | LEAD, DIS-SOLVED (µg/L as Pb) (01049) | MANGA-NESE, DIS-SOLVED (µg/L as Mn) (01056) | MERCURY TOTAL RECOV-ERABLE (µg/L as Hg) (71900) | ZINC, TOTAL RECOV-ERABLE (µg/L as Zn) (01092) | ZINC, DIS-SOLVED (µg/L as Zn) (01090) | 2,6-DI-ETHYL ANILINE WAT FLT 0.7 µ GF, REC (µg/L) (82660) | ACETO-CHLOR, WATER FLTRD REC (µg/L) (49260) | ALA-CHLOR, WATER, DISS, REC, (µg/L) (46342) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NOV | | | | | | | | | | | |
| 19... | <10 | 3 | 1 | <10 | 2 | <0.1 | <10 | 3 | <0.003 | <0.002 | <0.002 |
| FEB | | | | | | | | | | | |
| 03... | <10 | <10 | <1 | <100 | <4 | <0.1 | <10 | <20 | <0.003 | <0.002 | <0.002 |
| APR | | | | | | | | | | | |
| 08... | <10 | 21 | <1 | <100 | <4 | <0.1 | <10 | <20 | <0.003 | <0.002 | <0.002 |
| JUL | | | | | | | | | | | |
| 06... | <10 | <10 | <1 | <100 | <4 | <0.1 | 20 | <20 | <0.003 | <0.002 | <0.002 |

K--Results based on colony count outside the acceptable range (non-ideal colony count).

07071000 GREER SPRING AT GREER, MO--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

| DATE | ATRA-ZINE, WATER, DISS, REC (µg/L) (39632) | METHYL AZIN-PHOS WAT FLT 0.7 µ GF, REC (µg/L) (82686) | BEN-FLUR-ALIN WAT FLD 0.7 µ GF, REC (µg/L) (82673) | BUTYL-ATE, WATER, DISS, REC (µg/L) (04028) | CAR-BARYL WATER FLTRD 0.7 µ GF, REC (µg/L) (82680) | CARBO-FURAN WATER FLTRD 0.7 µ GF, REC (µg/L) (82674) | CHLOR-PYRIFOS DIS-SOLVED (µg/L) (38933) | CYANA-ZINE, WATER, DISS, REC (µg/L) (04041) | DCPA WATER FLTRD 0.7 µ GF, REC (µg/L) (82682) | DEETHYL ATRA-ZINE, WATER, DISS, REC (µg/L) (04040) | DI-AZINON, DIS-SOLVED (µg/L) (39572) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NOV | | | | | | | | | | | |
| 19... | <0.001 | <0.001 | <0.002 | <0.002 | <0.003 | <0.003 | <0.004 | <0.004 | <0.002 | <0.002 | <0.002 |
| FEB | | | | | | | | | | | |
| 03... | <0.001 | <0.001 | <0.002 | <0.002 | <0.003 | <0.003 | <0.004 | <0.004 | <0.002 | <0.002 | <0.002 |
| APR | | | | | | | | | | | |
| 08... | <0.001 | <0.001 | <0.002 | <0.002 | <0.003 | <0.003 | <0.004 | <0.004 | <0.002 | <0.002 | <0.002 |
| JUL | | | | | | | | | | | |
| 06... | <0.001 | <0.001 | <0.002 | <0.002 | <0.003 | <0.003 | <0.004 | <0.004 | <0.002 | <0.002 | <0.002 |

| DATE | DI-ELDRIN DIS-SOLVED (µg/L) (39381) | DISUL-FOTON WATER FLTRD 0.7 µ GF, REC (µg/L) (82677) | EPTC WATER FLTRD 0.7 µ GF, REC (µg/L) (82668) | ETHAL-FLUR-ALIN WAT FLT 0.7 µ GF, REC (µg/L) (82663) | ETHO-PROP WATER FLTRD 0.7 µ GF, REC (µg/L) (82672) | FONOFOS WATER DISS REC (µg/L) (04095) | LINDANE DIS-SOLVED (µg/L) (39341) | LIN-URON WATER FLTRD 0.7 µ GF, REC (µg/L) (82666) | MALA-THION, DIS-SOLVED (µg/L) (39532) | METO-LACHLOR WATER DISSOLV (µg/L) (39415) | METRI-BUZIN SENCOR WATER DISSOLV (µg/L) (82630) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NOV | | | | | | | | | | | |
| 19... | <0.001 | <0.017 | <0.002 | <0.004 | <0.003 | <0.003 | <0.004 | <0.002 | <0.005 | <0.002 | <0.004 |
| FEB | | | | | | | | | | | |
| 03... | <0.001 | <0.017 | <0.002 | <0.004 | <0.003 | <0.003 | <0.004 | <0.002 | <0.005 | <0.002 | <0.004 |
| APR | | | | | | | | | | | |
| 08... | <0.001 | <0.017 | <0.002 | <0.004 | <0.003 | <0.003 | <0.004 | <0.002 | <0.005 | <0.002 | <0.004 |
| JUL | | | | | | | | | | | |
| 06... | <0.001 | <0.017 | <0.002 | <0.004 | <0.003 | <0.003 | <0.004 | <0.002 | <0.005 | <0.002 | <0.004 |

| DATE | MOL-INATE WATER FLTRD 0.7 µ GF, REC (µg/L) (82671) | NAPROP-AMIDE WATER FLTRD 0.7 µ GF, REC (µg/L) (82684) | PARA-THION, DIS-SOLVED (µg/L) (39542) | METHYL PARA-THION WAT FLT 0.7 µ GF, REC (µg/L) (82667) | PEB-ULATE WATER FILTRD 0.7 µ GF, REC (µg/L) (82669) | PENDI-METH-ALIN WAT FLT 0.7 µ GF, REC (µg/L) (82683) | PHORATE WATER FLTRD 0.7 µ GF, REC (µg/L) (82664) | PRO-METON, WATER, DISS, REC (µg/L) (04037) | PROP-CHLOR, WATER, DISS, REC (µg/L) (04024) | PRO-PANIL WATER FLTRD 0.7 µ GF, REC (µg/L) (82679) | PRO-PARGITE WATER FLTRD 0.7 µ GF, REC (µg/L) (82685) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NOV | | | | | | | | | | | |
| 19... | <0.004 | <0.003 | <0.004 | <0.006 | <0.004 | <0.004 | <0.002 | <0.018 | <0.007 | <0.004 | <0.013 |
| FEB | | | | | | | | | | | |
| 03... | <0.004 | <0.003 | <0.004 | <0.006 | <0.004 | <0.004 | <0.002 | <0.018 | <0.007 | <0.004 | <0.013 |
| APR | | | | | | | | | | | |
| 08... | <0.004 | <0.003 | <0.004 | <0.006 | <0.004 | <0.004 | <0.002 | <0.018 | <0.007 | <0.004 | <0.013 |
| JUL | | | | | | | | | | | |
| 06... | <0.004 | <0.003 | <0.004 | <0.006 | <0.004 | <0.004 | <0.002 | <0.018 | <0.007 | <0.004 | <0.013 |

| DATE | PRON-AMIDE WATER FLTRD 0.7 µ GF, REC (µg/L) (82676) | SI-MAZINE, WATER, DISS, REC (µg/L) (04035) | TEBU-THIURON WATER FLTRD 0.7 µ GF, REC (µg/L) (82670) | TER-BACIL WATER FLTRD 0.7 µ GF, REC (µg/L) (82665) | TER-BUFOS WATER FLTRD 0.7 µ GF, REC (µg/L) (82675) | THIO-BENCARB WATER FLTRD 0.7 µ GF, REC (µg/L) (82681) | TRIAL-LATE WATER FLTRD 0.7 µ GF, REC (µg/L) (82678) | TRI-FLUR-ALIN WAT FLT 0.7 µ GF, REC (µg/L) (82661) | ALPHA BHC DIS-SOLVED (µg/L) (34253) | PER-METHRIN CIS WAT FLT 0.7 µ GF, REC (µg/L) (82687) | P,P' DDE DISSOLV (µg/L) (34653) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NOV | | | | | | | | | | | |
| 19... | <0.003 | <0.005 | <0.010 | <0.007 | <0.013 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.006 |
| FEB | | | | | | | | | | | |
| 03... | <0.003 | <0.005 | <0.010 | <0.007 | <0.013 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.006 |
| APR | | | | | | | | | | | |
| 08... | <0.003 | <0.005 | <0.010 | <0.007 | <0.013 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.006 |
| JUL | | | | | | | | | | | |
| 06... | <0.003 | <0.005 | <0.010 | <0.007 | <0.013 | <0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.006 |