#### 395043075440702. Local number, CH 5183 (New Garden Township, Chester County, Spray Irrigation Project)

LOCATION .-- Lat 39°50'43", long 75°44'07", Hydrologic Unit 02040205, at Spray Irrigation Site in New Garden Township.

Owner: New Garden Township Municipal Authority.

AQUIFER .-- Felsic Gneiss of Precambrian age.

## WATER-LEVEL RECORDS

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in., depth 90 ft, cased to 90 ft, closed end, screened from 70-90 ft. INSTRUMENTATION.--Electronic data logger with 60-minute recording interval.

DATUM.—Elevation of land surface is 386 ft above sea level from a GPS unit. Measuring point: Top of plywood shelf, 1.95 ft above land-surface datum. REMARKS.—In addition to the daily mean water levels shown below, daily maximum and minimum water levels, since May 1998, are also available from the District Office. Data for this project are presented in tables on pages 308-313 and 499-542.

PERIOD OF RECORD.--May 30, 1998 to current year.

EXTREMES FOR PERIOD OF RECORD.--The extremes shown are extremes of the instantaneous depth below land-surface for the period of record

indicated above.

Highest water level, 21.14 ft below land-surface datum, June 13, 14, 1998; lowest, 26.72 ft below land-surface datum, Mar. 30, 31, Apr. 2, 3, 5, 6, 1999.

#### DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998 DAILY MEAN VALUES

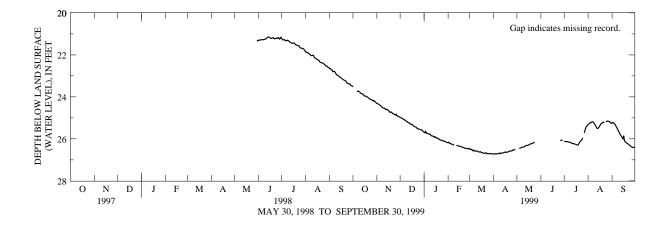
| DAY  | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY   | JUN   | JUL   | AUG   | SEP   |
|------|-----|-----|-----|-----|-----|-----|-----|-------|-------|-------|-------|-------|
| 1    |     |     |     |     |     |     |     |       | 21.31 | 21.22 | 21.87 | 22.65 |
| 2    |     |     |     |     |     |     |     |       | 21.29 | 21.28 | 21.88 | 22.65 |
| 3    |     |     |     |     |     |     |     |       | 21.30 | 21.29 | 21.88 | 22.71 |
| 4    |     |     |     |     |     |     |     |       | 21.29 | 21.27 | 21.90 | 22.73 |
| 5    |     |     |     |     |     |     |     |       | 21.27 | 21.29 | 21.94 | 22.80 |
| J    |     |     |     |     |     |     |     |       | 21.2/ | 21.29 | 21.94 | 22.00 |
| 6    |     |     |     |     |     |     |     |       | 21.28 | 21.33 | 21.96 | 22.79 |
| 7    |     |     |     |     |     |     |     |       | 21.28 | 21.33 | 22.00 | 22.78 |
| 8    |     |     |     |     |     |     |     |       | 21.27 | 21.30 | 22.03 | 22.83 |
| 9    |     |     |     |     |     |     |     |       | 21.26 | 21.32 | 22.04 | 22.90 |
| 10   |     |     |     |     |     |     |     |       | 21.24 | 21.33 | 22.01 | 22.95 |
|      |     |     |     |     |     |     |     |       | 21.21 | 21.55 | 22.01 | 22.75 |
| 11   |     |     |     |     |     |     |     |       | 21.23 | 21.38 | 22.03 | 22.97 |
| 12   |     |     |     |     |     |     |     |       | 21.19 | 21.40 | 22.11 | 22.98 |
| 13   |     |     |     |     |     |     |     |       | 21.15 | 21.42 | 22.11 | 23.02 |
| 14   |     |     |     |     |     |     |     |       | 21.15 | 21.44 | 22.17 | 23.02 |
|      |     |     |     |     |     |     |     |       |       |       |       |       |
| 15   |     |     |     |     |     |     |     |       | 21.16 | 21.45 | 22.19 | 23.08 |
| 16   |     |     |     |     |     |     |     |       | 21.19 | 21.44 | 22.23 | 23.10 |
| 17   |     |     |     |     |     |     |     |       | 21.22 | 21.43 | 22.24 | 23.14 |
| 18   |     |     |     |     |     |     |     |       | 21.21 | 21.48 | 22.26 | 23.17 |
| 19   |     |     |     |     |     |     |     |       | 21.19 | 21.52 | 22.33 | 23.19 |
| 20   |     |     |     |     |     |     |     |       | 21.18 | 21.52 | 22.36 | 23.21 |
| 20   |     |     |     |     |     |     |     |       | 21.10 | 21.52 | 22.30 | 23.21 |
| 21   |     |     |     |     |     |     |     |       | 21.22 | 21.55 | 22.37 | 23.23 |
| 22   |     |     |     |     |     |     |     |       | 21.24 | 21.56 | 22.38 | 23.25 |
| 23   |     |     |     |     |     |     |     |       | 21.21 | 21.56 | 22.39 | 23.33 |
| 24   |     |     |     |     |     |     |     |       | 21.21 | 21.62 | 22.41 | 23.35 |
| 25   |     |     |     |     |     |     |     |       | 21.22 | 21.67 | 22.45 | 23.37 |
|      |     |     |     |     |     |     |     |       |       |       |       |       |
| 26   |     |     |     |     |     |     |     |       | 21.18 | 21.68 | 22.48 | 23.39 |
| 27   |     |     |     |     |     |     |     |       | 21.18 | 21.68 | 22.53 | 23.38 |
| 28   |     |     |     |     |     |     |     |       | 21.25 | 21.69 | 22.53 | 23.44 |
| 29   |     |     |     |     |     |     |     |       | 21.23 | 21.71 | 22.56 | 23.47 |
| 30   |     |     |     |     |     |     |     | 21.36 | 21.22 | 21.71 | 22.60 | 23.47 |
| 31   |     |     |     |     |     |     |     | 21.30 | 21.10 | 21.76 | 22.60 | 23.48 |
| 31   |     |     |     |     |     |     |     | 21.31 |       | ∠⊥.80 | 22.62 |       |
| MEAN |     |     |     |     |     |     |     | 21.33 | 21.23 | 21.47 | 22.22 | 23.08 |
| MAX  |     |     |     |     |     |     |     | 21.33 | 21.23 | 21.80 | 22.62 | 23.48 |
|      |     |     |     |     |     |     |     | 21.30 | 21.31 | 21.22 | 21.87 | 22.65 |
| MIN  |     |     |     |     |     |     |     | ∠⊥.31 | ∠⊥.15 | 21.22 | ∠⊥.8/ | 22.65 |

#### 395043075440702. Local number, CH 5183--Continued

# DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999 DAILY MEAN VALUES

| DAY                | OCT                     | NOV                     | DEC                     | JAN                     | FEB                     | MAR                     | APR                     | MAY                     | JUN                     | JUL                     | AUG                     | SEP                     |
|--------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| 1<br>2<br>3        | 23.52                   | 24.31<br>24.33<br>24.34 | 24.98<br>24.99<br>25.00 | 25.68<br>25.71<br>25.64 | 26.18<br>26.16<br>26.22 | 26.48<br>26.51<br>26.49 | 26.71<br>26.71<br>26.72 |                         |                         | 26.11<br>26.12<br>26.13 | 25.31<br>25.29<br>25.26 | 25.25<br>25.22<br>25.23 |
| 4 5                |                         | 24.37<br>24.40          | 25.03<br>25.06          | 25.73<br>25.74          | 26.22<br>26.25          | 26.53<br>26.57          | 26.70<br>26.72          | 26.45<br>26.44          |                         | 26.13<br>26.13          | 25.23<br>25.22          | 25.28<br>25.33          |
| 6<br>7<br>8        | 23.73<br>23.74<br>23.72 | 24.43<br>24.48<br>24.50 | 25.07<br>25.10<br>25.14 | 25.74<br>25.77<br>25.78 | 26.25<br>26.26<br>26.29 | 26.53<br>26.58<br>26.59 | 26.71<br>26.70<br>26.69 | 26.43<br>26.41<br>26.39 |                         | 26.14<br>26.16<br>26.16 | 25.19<br>25.19<br>25.21 | 25.40<br>25.46<br>25.54 |
| 9<br>10            | 23.75<br>23.78          | 24.53<br>24.53          | 25.14<br>25.16<br>25.17 | 25.78<br>25.84          | 26.30                   | 26.57<br>26.57          | 26.67<br>26.70          | 26.39<br>26.38          |                         | 26.16<br>26.18          | 25.27<br>25.33          | 25.61<br>25.68          |
| 11<br>12           | 23.82<br>23.85          | 24.54<br>24.60          | 25.21<br>25.24          | 25.86<br>25.86          | 26.30                   | 26.59<br>26.61          | 26.68<br>26.67          | 26.37<br>26.33          |                         | 26.22<br>26.22          | 25.39<br>25.47          | 25.76<br>25.83          |
| 13<br>14<br>15     | 23.85<br>23.87<br>23.92 | 24.60<br>24.59<br>24.62 | 25.24<br>25.29<br>25.31 | 25.89<br>25.92<br>25.89 | 26.32<br>26.34<br>26.34 | 26.63<br>26.62<br>26.61 | 26.67<br>26.66<br>26.64 | 26.31<br>26.32<br>26.31 |                         | 26.22<br>26.24<br>26.25 | 25.51<br>25.49<br>25.45 | 25.88<br>25.94<br>25.99 |
| 16<br>17           | 23.95<br>23.97          | 24.66<br>24.68          | 25.31<br>25.32          | 25.93<br>25.96          | 26.35<br>26.36          | 26.65<br>26.65          | 26.62<br>26.64          | 26.29<br>26.27          |                         | 26.26<br>26.28          | 25.39<br>25.31          | 25.85<br>26.09          |
| 18<br>19<br>20     | 23.97<br>23.99<br>24.02 | 24.74<br>24.73<br>24.72 | 25.37<br>25.40<br>25.42 | 25.95<br>25.98<br>26.01 | 26.38<br>26.39<br>26.40 | 26.67<br>26.69<br>26.69 | 26.64<br>26.63<br>26.61 | 26.25<br>26.23<br>26.23 |                         | 26.29<br>26.29<br>26.23 | 25.27<br>25.25<br>25.22 | 26.14<br>26.17<br>26.20 |
| 21<br>22           | 24.05<br>24.08          | 24.78<br>24.82          | 25.43<br>25.45          | 26.02<br>26.06          | 26.41<br>26.43          | 26.66<br>26.67          | 26.60<br>26.58          | 26.21<br>26.20          |                         | 26.16<br>26.11          | 25.21<br>25.19          | 26.23<br>26.25          |
| 23<br>24<br>25     | 24.11<br>24.12<br>24.14 | 24.81<br>24.84<br>24.87 | 25.51<br>25.51<br>25.53 | 26.06<br>26.06<br>26.09 | 26.45<br>26.45<br>26.45 | 26.71<br>26.69<br>26.70 | 26.57<br>26.58<br>26.56 | 26.18<br>26.15<br>      |                         | 26.08<br>26.04<br>25.95 | 25.18<br>25.17          | 26.29<br>26.32<br>26.35 |
| 26<br>27           | 24.16<br>24.19          | 24.83                   | 25.54<br>25.56          | 26.11<br>26.10          | 26.47<br>26.48          | 26.71<br>26.70          | 26.52<br>26.53          |                         | 26.06<br>26.07          | 25.72                   | 25.15<br>25.16          | 26.38<br>26.40          |
| 28<br>29<br>30     | 24.17<br>24.22<br>24.24 | 24.92<br>24.93<br>24.95 | 25.57<br>25.57<br>25.62 | 26.12<br>26.15<br>26.16 | 26.45                   | 26.70<br>26.71<br>26.72 | 26.52<br>26.50          |                         | 26.06<br>26.07          | 25.59<br>25.48<br>25.41 | 25.16<br>25.19<br>25.24 | 26.41<br>26.40<br>26.41 |
| 31                 | 24.28                   |                         | 25.66                   | 26.18                   |                         | 26.72                   |                         |                         |                         | 25.36                   | 25.26                   |                         |
| MEAN<br>MAX<br>MIN | 23.97<br>24.28<br>23.52 | 24.64<br>24.95<br>24.31 | 25.31<br>25.66<br>24.98 | 25.93<br>26.18<br>25.64 | 26.34<br>26.48<br>26.16 | 26.63<br>26.72<br>26.48 | 26.64<br>26.72<br>26.50 | 26.31<br>26.45<br>26.15 | 26.06<br>26.07<br>26.06 | 26.06<br>26.29<br>25.36 | 25.27<br>25.51<br>25.15 | 25.91<br>26.41<br>25.22 |

WTR YR 1999: HIGHEST 23.52, OCTOBER 1; LOWEST 26.72, MARCH 30, 31, APRIL 3, 5.



#### **395043075440702.** Local number, CH 5183--Continued (New Garden Township, Chester County, Spray Irrigation Project)

## WATER-QUALITY RECORDS

**REMARKS**.-- Samples collected with submersible pump from recovery water after well was pumped more than 3 casing volumes. **PERIOD OF RECORD**.--May 1998 to current year.

WATER-QUALITY DATA, MAY 1998 TO SEPTEMBER 1999

| MAY 1998 19 1350 80020 1028 7.3 7.4 7.6 196 12.0 28 2.8 0CT 02 9936 80020 1028 7.8 6.8 7.4 194 12.0 28 3.3 FEB 1999 11 1020 80020 1028 6.5 6.9 7.1 195 12.0 28 3.4 APR 30 1232 80020 1028 7.3 6.7 7.2 193 12.5 27 3.2 JUN 30 0745 9813 1028 7.4 6.6 196 12.0 30 3.6 JUL 26 1230 9813 1028 7.4 6.8 188 12.8 AUG 23 1100 9813 1028 8.9 6.7 193 12.3  | NITRATE<br>DIS-<br>SOLVED                               |
|--|---|
| OCT 02 0936 80020 1028 7.8 6.8 7.4 194 12.0 28 3.3 FEB 1999 11 1020 80020 1028 6.5 6.9 7.1 195 12.0 28 3.4 APR 30 1232 80020 1028 7.3 6.7 7.2 193 12.5 27 3.2 JUN 30 0745 9813 1028 7.4 6.6 196 12.0 30 3.6 JUL 26 1230 9813 1028 7.4 6.8 188 12.8 AUG 23 1100 9813 1028 8.9 6.7 193 12.3  | 2.1 2.1 2.1 2.1 2.1 2.0 NITRO- GEN, NITRATE DIS- SOLVED |
| FEB 1999 11 1020 80020 1028 6.5 6.9 7.1 195 12.0 28 3.4 APR 30 1232 80020 1028 7.3 6.7 7.2 193 12.5 27 3.2 JUN 30 0745 9813 1028 7.4 6.6 196 12.0 30 3.6 JUL 26 1230 9813 1028 7.4 6.8 188 12.8 AUG 23 1100 9813 1028 8.9 6.7 193 12.3   | 2.1 2.1 2.1 2.1 2.0 NITRO- GEN, NITRATE DIS- SOLVED     |
| APR 30 1232 80020 1028 7.3 6.7 7.2 193 12.5 27 3.2  JUN 30 0745 9813 1028 7.4 6.6 196 12.0 30 3.6  JUL 26 1230 9813 1028 7.4 6.8 188 12.8 AUG 23 1100 9813 1028 8.9 6.7 193 12.3   | 2.1 2.1 2.0 NITRO- GEN, NITRATE DIS- SOLVED             |
| 30 1232 80020 1028 7.3 6.7 7.2 193 12.5 27 3.2  JUN 30 0745 9813 1028 7.4 6.6 196 12.0 30 3.6  JUL 26 1230 9813 1028 7.4 6.8 188 12.8  AUG 23 1100 9813 1028 8.9 6.7 193 12.3  | 2.1  2.0  NITRO- GEN, NITRATE DIS- SOLVED               |
| 30 0745 9813 1028 7.4 6.6 196 12.0 30 3.6  JUL 26 1230 9813 1028 7.4 6.8 188 12.8 AUG 23 1100 9813 1028 8.9 6.7 193 12.3   | 2.0  NITRO- GEN, NITRATE DIS- SOLVED                    |
| 26 1230 9813 1028 7.4 6.8 188 12.8 AUG 23 1100 9813 1028 8.9 6.7 193 12.3  | 2.0  NITRO- GEN, NITRATE DIS- SOLVED                    |
| 23 1100 9813 1028 8.9 6.7 193 12.3   | 2.0  NITRO- GEN, NITRATE DIS- SOLVED                    |
|  | NITRO-<br>- GEN,<br>NITRATE<br>DIS-<br>SOLVED           |
| SEP 20 1430 9813 1028 6.7 6.7 184 12.1 28 3.5  | GEN, NITRATE DIS- SOLVED                                |
| ANC WATER CHLO- FLUO- SILICA, SODIUM, UNFLTRD RIDE, RIDE, DIS- SULFATE AMMONIA MONIA + GEN, GEN DIS- IT DIS- DIS- SOLVED DIS- DIS- ORGANIC AMMONIA DIS- SOLVED FIELD SOLVED SOLVED (MG/L SOLVED SOLVED TOTAL TOTAL SOLVED  DATE (MG/L MG/L AS (MG/L (MG/L AS MG/L (MG/L (MG/L AS MA) CACO3 AS CL) AS F) SIO2) AS SO4) AS N) AS N) AS N) AS N) (00930) (00419) (00940) (00950) (00955) (00945) (00608) (00625) (00610) (00602   | AS N)   |
| MAY 1998<br>19 5.2 69 5.9 <.10 20 2.5 .043 <.10  | 2.49  |
| OCT  | 2.49  |
| 02 4.2 74 5.9 <.10 22 1.6 .020 <.10 FEB 1999   |   |
| 11 4.1 69 6.1 <.10 21 1.7 <.020 <.10 APR   |   |
| 30 4.1 44 6.9 <.10 21 1.5 .034 <.10 JUN  |   |
| 30 4.4 73 6.3 <.20 20 1.6 <.020 3.7 JUL  | 2.93  |
| 26 134 <.020 <.020 3.4 AUG   | 2.97  |
| 23 76020020 3.9<br>SEP   | 2.90  |
| 20 4.5 6.1 <.20 19 1.9 <.020 3.5   | 2.90  |
| DIS- DIS- DIS- DIS- PHORUS DEG. C DIS- DIS- DIS- SOLVED SOLVED SOLVED TOTAL DIS- SOLVED SOLVE | ARIUM,<br>DIS-<br>OLVED<br>(µG/L<br>AS BA)<br>01005)    |
| MAY 1998<br>19 2.50 .010 <.010 .022 .024 114 31 <1.0 <1  | 42  |
| OCT 02 2.77 <.010 E.031 .024 <.050 120 <10   |   |
| FEB 1999<br>11 2.97 <.010 <.050 .033 <.050 130 18  |   |
| APR 30 2.94 <.010 E.030 .032 <.050 128 <10   |   |
| JUN<br>30 <.040 .031 .022 130  |   |
| JUL 26 <.040 .033 .010   |   |
| AUG  |   |
| 23 <.040 .045 .011 SEP 20 <.040 .032 .015 156 <2.0 <4  | 50  |

# **395043075440702. Local number, CH 5183**--Continued

# WATER-QUALITY DATA, MAY 1998 TO SEPTEMBER 1999

| DATE  | BERYL-<br>LIUM,<br>DIS-<br>SOLVED<br>(µG/L<br>AS BE)<br>(01010)                      | BORON,<br>DIS-<br>SOLVED<br>(µG/L<br>AS B)<br>(01020)   | BROMIDE<br>DIS-<br>SOLVED<br>(MG/L<br>AS BR)<br>(71870)          | CADMIUM<br>DIS-<br>SOLVED<br>(µG/L<br>AS CD)<br>(01025) | CHRO-<br>MIUM,<br>DIS-<br>SOLVED<br>(µG/L<br>AS CR)<br>(01030)      | COBALT,<br>DIS-<br>SOLVED<br>(µG/L<br>AS CO)<br>(01035)      | COPPER,<br>DIS-<br>SOLVED<br>(µG/L<br>AS CU)<br>(01040)              | IRON,<br>DIS-<br>SOLVED<br>(µG/L<br>AS FE)<br>(01046) | LEAD,<br>DIS-<br>SOLVED<br>(µG/L<br>AS PB)<br>(01049)                            | LITHIUM<br>DIS-<br>SOLVED<br>(µG/L<br>AS LI)<br>(01130)                                 |
|---|--|---|--|---|---|--|--|---|--|---|
| MAY 1998  | 1 0  | 1.0   |  | 0.0   | 0.4   | 10   | 1 0  | 1.0   | 1.0  | _   |
| 19<br>OCT   | <1.0   | <16   |  | <8.0  | 2.4   | <12  | <1.0   | <10   | <1.0   | 6   |
| 02<br>FEB 1999  |  | <16   |  |   |   |  |  | <10   |  |   |
| 11<br>APR   |  | <16   |  |   |   |  |  | 34  |  |   |
| 30<br>JUN   |  | E9.4  |  |   |   |  |  | E9.9  |  |   |
| 30  |  | <200  | <.20   |   |   |  |  | <20   |  |   |
| JUL<br>26   |  |   |  |   |   |  |  |   |  |   |
| AUG<br>23   |  |   |  |   |   |  |  |   |  |   |
| SEP<br>20   |  | <200  | <.20   | <10   | <4.0  |  | <4.0   | <20   | <1.0   | <25   |
|   |  |   |  |   |   |  |  |   |  |   |
| DATE  | MANGA-<br>NESE,<br>DIS-<br>SOLVED<br>(µG/L<br>AS MN)<br>(01056)                      | MERCURY<br>DIS-<br>SOLVED<br>(μG/L<br>AS HG)<br>(71890) | MOLYB-<br>DENUM,<br>DIS-<br>SOLVED<br>(µG/L<br>AS MO)<br>(01060) | NICKEL,<br>DIS-<br>SOLVED<br>(µG/L<br>AS NI)<br>(01065) | SELE-<br>NIUM,<br>DIS-<br>SOLVED<br>(µG/L<br>AS SE)<br>(01145)      | SILVER,<br>DIS-<br>SOLVED<br>(µG/L<br>AS AG)<br>(01075)      | STRON-<br>TIUM,<br>DIS-<br>SOLVED<br>(µG/L<br>AS SR)<br>(01080)      | VANA- DIUM, DIS- SOLVED (µG/L AS V) (01085)           | ZINC,<br>DIS-<br>SOLVED<br>(µG/L<br>AS ZN)<br>(01090)                            | CARBON,<br>ORGANIC<br>DIS-<br>SOLVED<br>(MG/L<br>AS C)<br>(00681)                       |
| MAY 1998<br>19  | NESE,<br>DIS-<br>SOLVED<br>(μG/L<br>AS MN)   | DIS-<br>SOLVED<br>(µG/L<br>AS HG)                       | DENUM,<br>DIS-<br>SOLVED<br>(µG/L<br>AS MO)                      | DIS-<br>SOLVED<br>(µG/L<br>AS NI)                       | NIUM,<br>DIS-<br>SOLVED<br>(µG/L<br>AS SE)                          | DIS-<br>SOLVED<br>(µG/L<br>AS AG)                            | TIUM,<br>DIS-<br>SOLVED<br>(µG/L<br>AS SR)                           | DIUM,<br>DIS-<br>SOLVED<br>(µG/L<br>AS V)             | DIS-<br>SOLVED<br>(µG/L<br>AS ZN)  | ORGANIC<br>DIS-<br>SOLVED<br>(MG/L<br>AS C)   |
| MAY 1998<br>19<br>OCT<br>02   | NESE,<br>DIS-<br>SOLVED<br>(µG/L<br>AS MN)<br>(01056)                                | DIS-<br>SOLVED<br>(µG/L<br>AS HG)<br>(71890)            | DENUM,<br>DIS-<br>SOLVED<br>(µG/L<br>AS MO)<br>(01060)           | DIS-<br>SOLVED<br>(µG/L<br>AS NI)<br>(01065)            | NIUM,<br>DIS-<br>SOLVED<br>(µG/L<br>AS SE)<br>(01145)               | DIS-<br>SOLVED<br>(µG/L<br>AS AG)<br>(01075)                 | TIUM,<br>DIS-<br>SOLVED<br>(µG/L<br>AS SR)<br>(01080)                | DIUM,<br>DIS-<br>SOLVED<br>(µG/L<br>AS V)<br>(01085)  | DIS-<br>SOLVED<br>(µG/L<br>AS ZN)<br>(01090)                                     | ORGANIC<br>DIS-<br>SOLVED<br>(MG/L<br>AS C)<br>(00681)                                  |
| MAY 1998<br>19<br>OCT<br>02<br>FEB 1999<br>11                           | NESE,<br>DIS-<br>SOLVED<br>(µG/L<br>AS MN)<br>(01056)                                | DIS-<br>SOLVED<br>(µG/L<br>AS HG)<br>(71890)            | DENUM,<br>DIS-<br>SOLVED<br>(µG/L<br>AS MO)<br>(01060)           | DIS-<br>SOLVED<br>(µG/L<br>AS NI)<br>(01065)            | NIUM,<br>DIS-<br>SOLVED<br>(µG/L<br>AS SE)<br>(01145)               | DIS-<br>SOLVED<br>(µG/L<br>AS AG)<br>(01075)                 | TIUM,<br>DIS-<br>SOLVED<br>(µG/L<br>AS SR)<br>(01080)                | DIUM,<br>DIS-<br>SOLVED<br>(µG/L<br>AS V)<br>(01085)  | DIS-<br>SOLVED<br>(µG/L<br>AS ZN)<br>(01090)                                     | ORGANIC<br>DIS-<br>SOLVED<br>(MG/L<br>AS C)<br>(00681)                                  |
| MAY 1998<br>19<br>OCT<br>02<br>FEB 1999                                 | NESE,<br>DIS-<br>SOLVED<br>(µG/L<br>AS MN)<br>(01056)<br><4.0                        | DIS-<br>SOLVED<br>(µG/L<br>AS HG)<br>(71890)            | DENUM,<br>DIS-<br>SOLVED<br>(µG/L<br>AS MO)<br>(01060)           | DIS-<br>SOLVED<br>(µG/L<br>AS NI)<br>(01065)            | NIUM,<br>DIS-<br>SOLVED<br>(µG/L<br>AS SE)<br>(01145)               | DIS-<br>SOLVED<br>(µG/L<br>AS AG)<br>(01075)                 | TIUM,<br>DIS-<br>SOLVED<br>(µG/L<br>(01080)                          | DIUM,<br>DIS-<br>SOLVED<br>(µG/L<br>AS V)<br>(01085)  | DIS-<br>SOLVED<br>(µG/L<br>AS ZN)<br>(01090)<br><20                              | ORGANIC<br>DIS-<br>SOLVED<br>(MG/L<br>AS C)<br>(00681)                                  |
| MAY 1998<br>19<br>OCT<br>02<br>FEB 1999<br>11<br>APR                    | NESE,<br>DIS-<br>SOLVED<br>(µG/L<br>AS MN)<br>(01056)<br><4.0<br>E1.6<br>3.0         | DIS-<br>SOLVED<br>(µG/L<br>AS HG)<br>(71890)            | DENUM,<br>DIS-<br>SOLVED<br>(μG/L<br>AS MO)<br>(01060)           | DIS-<br>SOLVED<br>(µG/L<br>AS NI)<br>(01065)            | NIUM,<br>DIS-<br>SOLVED<br>(µG/L<br>AS SE)<br>(01145)               | DIS-<br>SOLVED<br>(µG/L<br>AS AG)<br>(01075)<br><1.0         | TIUM,<br>DIS-<br>SOLVED<br>(µG/L<br>AS SR)<br>(01080)                | DIUM,<br>DIS-<br>SOLVED<br>(µG/L<br>AS V)<br>(01085)  | DIS-<br>SOLVED<br>(µG/L<br>AS ZN)<br>(01090)<br><20<br>E7.6                      | ORGANIC<br>DIS-<br>SOLVED<br>(MG/L<br>AS C)<br>(00681)                                  |
| MAY 1998<br>19<br>OCT<br>02<br>FEB 1999<br>11<br>APR<br>30<br>JUN       | NESE,<br>DIS-<br>SOLVED<br>(μG/L<br>AS MN)<br>(01056)<br><4.0<br>E1.6<br>3.0<br><3.0 | DIS-<br>SODVED<br>(µG/L<br>AS HG)<br>(71890)<br><.1<br> | DENUM,<br>DIS-<br>SOLVED<br>(μG/L<br>AS MO)<br>(01060)           | DIS-<br>SOLVED<br>(µG/L<br>AS NI)<br>(01065)<br><1.0    | NIUM,<br>DIS-<br>SOLVED (µG/L<br>AS SE)<br>(01145)                  | DIS-<br>SOLVED<br>(µG/L<br>AS AG)<br>(01075)<br><1.0<br><br> | TIUM,<br>DIS-<br>SOLVED<br>(µG/L<br>AS SR)<br>(01080)                | DIUM,<br>DIS-<br>SOLVED<br>(µG/L<br>AS V)<br>(01085)  | DIS-<br>SOLVED<br>(µG/L<br>AS ZN)<br>(01090)<br><20<br>E7.6<br>E12               | ORGANIC<br>DIS-<br>SOLVED<br>(MG/L<br>AS C)<br>(00681)<br>.30<br>.20<br>.40             |
| MAY 1998<br>19<br>OCT<br>02<br>FEB 1999<br>11<br>APR<br>30<br>JUN<br>30 | NESE,<br>DIS-<br>SOLVED<br>(µG/L<br>AS MN)<br>(01056)<br><4.0<br>E1.6<br>3.0<br><3.0 | DIS-<br>SOLVED<br>(μG/L<br>AS HG)<br>(71890)<br><.1<br> | DENUM, DIS- SOLVED (μG/L AS MO) (01060)  <60                     | DIS-<br>SOLVED<br>(µG/L<br>AS NI)<br>(01065)<br><1.0    | NIUM,<br>DIS-<br>SOLVED<br>(µG/L<br>AS SE)<br>(01145)<br><1<br><br> | DIS-<br>SOLVED<br>(µG/L<br>AS AG)<br>(01075)<br><1.0<br><br> | TIUM,<br>DIS-<br>SOLVED<br>(µG/L<br>AS SR)<br>(01080)<br>328<br><br> | DIUM,<br>DIS-<br>SOLVED<br>(µG/L<br>AS V)<br>(01085)  | DIS-<br>SOLVED<br>(µG/L<br>AS ZN)<br>(01090)<br><20<br>E7.6<br>E12<br>E14<br><10 | ORGANIC<br>DIS-<br>SOLVED<br>(MG/L<br>AS C)<br>(00681)<br>.30<br>.20<br>.40<br><br><1.0 |