

0209173190 UNNAMED TRIBUTARY TO SANDY RUN NEAR LIZZIE, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

| DATE | NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605) | NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607) | NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625) | NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623) | NITRO- GEN, TOTAL (MG/L AS N) (00600) | NITRO- GEN DIS- SOLVED (MG/L AS N) (00602) | PHOS- PHORUS TOTAL (MG/L AS P) (00665) | PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666) | PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671) | IRON, DIS- SOLVED (UG/L AS FE) (01046) | MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056) | H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082) | O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085) |
|-----------|---|--|---|--|--|--|---|--|--|---|---|---|---|
| OCT 25... | 1.0 | .90 | 7.8 | 7.7 | 13 | 12 | .060 | .020 | <.010 | 120 | 44.0 | -26.02 | -4.50 |
| NOV 14... | .40 | .30 | 6.9 | 6.8 | 8.8 | 8.7 | .080 | .020 | .020 | 340 | 79.0 | -24.96 | -4.56 |
| DEC 12... | .22 | .32 | 2.1 | 2.2 | 7.4 | 7.5 | .030 | <.020 | .020 | 360 | 79.0 | -27.74 | -5.07 |
| JAN 17... | .36 | .16 | 2.6 | 2.4 | 5.0 | 4.8 | .080 | <.020 | <.010 | 540 | 82.0 | -27.09 | -4.87 |
| FEB 06... | .15 | .15 | 1.6 | 1.6 | 4.2 | 4.2 | .030 | <.020 | <.010 | 520 | 75.0 | -25.85 | -4.82 |
| 28... | .63 | .53 | 1.2 | 1.1 | 7.3 | 7.2 | .030 | <.020 | <.010 | 380 | 68.0 | -27.59 | -4.70 |
| APR 04... | .63 | .53 | 1.3 | 1.2 | 8.9 | 8.8 | .030 | <.020 | .020 | 360 | 65.0 | -- | -- |
| MAY 07... | .65 | .15 | 2.0 | 1.5 | 2.1 | 1.6 | .110 | <.020 | <.010 | 880 | 130 | -- | -- |
| JUN 12... | .83 | .63 | 2.7 | 2.5 | 2.8 | 2.6 | .140 | .080 | .090 | 3800 | 150 | -- | -- |
| JUL 11... | 4.9 | .30 | 5.0 | .40 | 6.7 | 2.1 | .860 | <.020 | <.010 | 1730 | 104 | -- | -- |
| AUG 15... | 1.3 | .99 | 2.1 | 1.8 | 5.8 | 5.5 | .150 | .060 | .050 | 870 | 60.0 | -- | -- |
| SEP 26... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

| DATE | CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681) | ALA- CHLOR, WATER, DISS, REC, (UG/L) (46342) | ATRA- ZINE, WATER, DISS, REC (UG/L) (39632) | BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673) | BUTYL- ATE, WATER, DISS, REC (UG/L) (04028) | CHLOR- PYRIPOS DIS- SOLVED (UG/L) (38933) | CYANA- ZINE, WATER, DISS, REC (UG/L) (04041) | DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682) | P,P' DDE DISSOLV (UG/L) (34653) | DI- AZINON, DIS- SOLVED (UG/L) (39572) | DI- ELDRIN DIS- SOLVED (UG/L) (39381) | 2,6-DI- ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660) | DISUL- FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677) |
|-----------|---|--|---|---|---|--|--|---|---|---|--|---|--|
| OCT 25... | 4.3 | <.002 | <.007 | <.010 | <.002 | <.005 | <.018 | <.003 | <.003 | <.005 | <.005 | <.002 | <.021 |
| NOV 14... | 6.6 | <.002 | <.007 | <.010 | <.002 | <.005 | <.018 | <.003 | <.003 | <.005 | <.005 | <.002 | <.021 |
| DEC 12... | 6.0 | <.002 | E.003 | <.010 | <.002 | <.005 | <.018 | <.003 | <.003 | <.005 | <.005 | <.002 | <.021 |
| JAN 17... | 14 | <.002 | E.004 | <.010 | <.002 | <.005 | <.018 | <.003 | <.003 | <.005 | <.005 | <.002 | <.021 |
| FEB 06... | 3.5 | <.002 | <.007 | <.010 | <.002 | <.005 | <.018 | <.003 | <.003 | <.005 | <.005 | <.002 | <.021 |
| 28... | 5.5 | <.002 | E.004 | <.010 | <.002 | <.005 | <.018 | <.003 | <.003 | <.005 | <.005 | <.002 | <.021 |
| APR 04... | 7.2 | <.002 | .011 | <.010 | <.002 | <.005 | <.018 | <.003 | <.003 | <.005 | <.005 | <.002 | <.021 |
| MAY 07... | 6.0 | .017 | .038 | <.010 | <.002 | <.005 | <.018 | <.003 | <.003 | <.005 | <.005 | <.002 | <.021 |
| JUN 12... | 8.9 | .067 | .784 | <.010 | <.002 | <.005 | <.018 | <.003 | <.003 | <.005 | <.005 | E.001 | <.021 |
| JUL 11... | 10 | <.008 | .354 | <.010 | <.002 | E.004 | <.018 | <.003 | <.003 | <.005 | <.005 | <.002 | <.021 |
| AUG 15... | 13 | <.002 | .571 | <.010 | <.002 | <.005 | <.018 | <.003 | <.003 | <.005 | <.005 | <.002 | <.021 |
| SEP 26... | -- | <.002 | .063 | <.010 | <.002 | <.005 | <.018 | <.003 | <.003 | <.005 | <.005 | <.002 | <.021 |

NEUSE RIVER BASIN

0209173190 UNNAMED TRIBUTARY TO SANDY RUN NEAR LIZZIE, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

| DATE | EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668) | ETHAL- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663) | ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672) | FONOFO S WATER DISS REC (UG/L) (04095) | ALPHA BHC DIS- DIS- SOLVED (UG/L) (34253) | LINDANE DIS- DIS- SOLVED (UG/L) (39341) | LIN- URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666) | MALA- THION, DIS- DIS- SOLVED (UG/L) (39532) | METO- LACHLOR WATER DISSOLV (UG/L) (39415) | METRI- BUZIN WATER WATER DISSOLV (UG/L) (82630) | MOL- INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671) | NAPROP- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684) | PARA- THION, DIS- DIS- SOLVED (UG/L) (39542) |
|-----------|--|---|---|--|--|---|---|---|--|--|--|---|---|
| OCT 25... | <.002 | <.009 | <.005 | <.003 | <.005 | <.004 | <.035 | <.027 | <.017 | <.006 | <.002 | <.007 | <.007 |
| NOV 14... | <.002 | <.009 | <.005 | <.003 | <.005 | <.004 | <.035 | <.027 | <.013 | <.006 | <.002 | <.007 | <.007 |
| DEC 12... | <.002 | <.009 | <.005 | <.003 | <.005 | <.004 | <.035 | <.027 | <.013 | <.006 | <.002 | <.007 | <.007 |
| JAN 17... | <.002 | <.009 | <.005 | <.010 | <.005 | <.004 | <.035 | <.027 | <.013 | <.006 | <.002 | <.007 | <.007 |
| FEB 06... | <.002 | <.009 | <.005 | <.003 | <.005 | <.004 | <.035 | <.027 | <.013 | <.006 | <.002 | <.007 | <.007 |
| 28... | <.002 | <.009 | <.005 | <.003 | <.005 | <.004 | <.035 | <.027 | E.002 | <.006 | <.002 | <.007 | <.007 |
| APR 04... | <.002 | <.009 | <.005 | <.003 | <.005 | <.004 | <.035 | <.027 | E.004 | <.006 | <.004 | <.007 | <.007 |
| MAY 07... | <.002 | <.009 | <.005 | <.003 | <.005 | <.004 | <.035 | <.027 | .020 | <.006 | <.002 | <.007 | <.007 |
| JUN 12... | E.001 | <.009 | <.005 | <.003 | <.005 | <.004 | <.035 | <.027 | 1.40 | <.006 | <.002 | <.007 | <.007 |
| JUL 11... | <.002 | <.009 | <.005 | <.003 | <.005 | <.004 | <.035 | <.027 | .511 | <.006 | <.002 | <.007 | <.007 |
| AUG 15... | <.002 | <.009 | <.005 | <.003 | <.005 | <.004 | <.035 | <.027 | .682 | <.006 | <.002 | <.007 | <.007 |
| SEP 26... | <.002 | <.009 | <.005 | <.003 | <.005 | <.004 | <.035 | <.027 | .076 | <.006 | <.002 | <.007 | <.007 |
| DATE | METHYL PARA- THION WAT FLT 0.7 U GF, REC (UG/L) (82667) | PEB- ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669) | PENDI- METH- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683) | PER- METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687) | PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664) | PRON- AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676) | PRO- METON, WATER, DISS, REC (UG/L) (04037) | PROPA- CHLOR, WATER, DISS, REC (UG/L) (04024) | PRO- PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679) | PRO- PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685) | SI- MAZINE, WATER, DISS, REC (UG/L) (04035) | THIO- BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681) | TEBU- THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670) |
| OCT 25... | <.006 | <.002 | <.010 | <.006 | <.011 | <.004 | <.015 | <.010 | <.011 | <.023 | <.011 | <.005 | <.016 |
| NOV 14... | <.006 | <.002 | <.010 | <.006 | <.011 | <.004 | <.015 | <.010 | <.011 | <.023 | <.011 | <.005 | <.016 |
| DEC 12... | <.006 | <.002 | <.010 | <.006 | <.011 | <.004 | <.015 | <.010 | <.011 | <.023 | <.011 | <.005 | <.016 |
| JAN 17... | <.006 | <.002 | <.010 | <.006 | <.011 | <.004 | <.015 | <.010 | <.011 | <.023 | <.011 | <.005 | <.016 |
| FEB 06... | <.006 | <.002 | <.010 | <.006 | <.011 | <.004 | <.015 | <.010 | <.011 | <.023 | <.011 | <.005 | <.016 |
| 28... | <.006 | <.002 | <.010 | <.006 | <.011 | <.004 | <.015 | <.010 | <.011 | <.023 | <.011 | <.005 | <.016 |
| APR 04... | <.006 | <.002 | E.012 | <.006 | <.011 | <.004 | <.015 | <.010 | <.011 | <.023 | <.011 | <.005 | E.005 |
| MAY 07... | <.006 | <.002 | <.010 | <.006 | <.011 | <.004 | <.015 | <.010 | <.011 | <.023 | <.011 | <.005 | <.016 |
| JUN 12... | <.006 | <.002 | <.010 | <.006 | <.011 | <.004 | E.003 | <.010 | <.011 | <.023 | <.011 | <.005 | <.016 |
| JUL 11... | <.006 | <.002 | <.010 | <.006 | <.011 | <.004 | E.004 | <.010 | <.011 | <.023 | <.011 | <.005 | <.016 |
| AUG 15... | <.006 | <.002 | <.010 | <.006 | <.011 | <.004 | <.015 | <.010 | <.011 | <.023 | <.011 | <.005 | <.016 |
| SEP 26... | <.006 | <.002 | <.010 | <.006 | <.011 | <.004 | <.015 | <.010 | <.011 | <.023 | <.011 | <.005 | <.016 |

0209173190 UNNAMED TRIBUTARY TO SANDY RUN NEAR LIZZIE, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

| DATE | TER- BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675) | TRIAL- LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678) | TRI- FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661) | DEETHYL ATRA- ZINE, WATER, DISS, REC (UG/L) (04040) | METHYL AZIN- PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686) | CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680) | CARBO- FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674) | TER- BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665) | ACETO- CHLOR, WATER FLTRD REC (UG/L) (49260) |
|--------------|--|---|---|--|---|--|--|--|--|
| OCT 25... | <.017 | <.002 | <.009 | E.005 | <.050 | <.041 | <.020 | <.034 | <.004 |
| NOV 14... | .030 | <.002 | <.009 | <.006 | <.050 | <.041 | <.020 | <.034 | <.004 |
| DEC 12... | <.017 | <.002 | <.009 | <.006 | <.050 | <.041 | <.020 | <.034 | <.004 |
| JAN 17... | <.017 | <.002 | <.009 | <.006 | E.023 | <.041 | <.020 | <.034 | <.004 |
| FEB 06... | <.017 | <.002 | <.009 | E.002 | <.050 | <.041 | <.020 | <.034 | <.004 |
| 28... | <.017 | <.002 | <.009 | E.004 | <.050 | <.041 | <.020 | <.034 | <.004 |
| APR 04... | <.017 | <.002 | <.009 | E.003 | <.050 | <.041 | <.020 | <.034 | <.004 |
| MAY 07... | <.017 | <.002 | <.009 | E.004 | <.050 | <.041 | <.020 | <.034 | <.004 |
| JUN 12... | <.017 | <.002 | <.009 | E.079 | <.050 | <.041 | <.020 | <.034 | <.004 |
| JUL 11... | <.017 | <.002 | <.009 | E.010 | <.050 | <.041 | <.020 | <.034 | <.004 |
| AUG 15... | <.017 | <.002 | <.009 | E.022 | <.050 | <.041 | <.020 | <.034 | <.004 |
| SEP 26... | <.017 | <.002 | <.009 | E.007 | <.050 | <.041 | <.020 | <.034 | <.004 |