

APPENDIX A SAMPLE POINT LOGS

Sample No. 1
Stream No. 1 (0.64)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe TOTAL ug/l | Fe TOTAL #/day | ug/l | Fett+ #/day | mg/l | SO ₄ #/day | mg/l | HARDNESS #/day | mg/l | CI #/day |
|-------|----------|--------|-------|--------|------|-----------------------|-----------------|---------------|----------------|-------|-------------|-------|-----------------------|------|----------------|------|----------|
| 1973 | | | | | | | | | | | | | | | | | |
| 7/17 | 3.6 | | | 15.97 | | | | | | | | | | | | | |
| 7/19 | 3.9 | | | | | | | | | | | | | | | | |
| 7/20 | 3.7 | | | | | | | | | | | | | | | | |
| 7/30 | 3.7 | | 1900 | 22.63 | 90 | 10,978 | | | | | | | | | | | |
| 8/7 | 3.2 | | 2000 | | 140 | | | | | | | | | | | | |
| 8/23 | 3.8 | 3.6 | 1080 | 27.48 | 82 | 12,146 | 0 | 4,100 | 607 | 1800 | 267 | 590 | 87,389 | | | | |
| 9/12 | 3.7 | 3.3 | 1610 | 23.29 | 120 | 15,064 | 0 | 6,800 | 854 | 500 | 63 | 980 | 123,022 | 950 | 119,256 | | |
| 9/27 | 6.2 | 3.4 | 1660 | 20.04 | 120 | 12,962 | 0 | 4,700 | 508 | 600 | 65 | 740 | 79,932 | 896 | 96,782 | | |
| 10/18 | | 3.6 | | 25.54 | 80 | 11,013 | 0 | 588 | 81 | 0 | | 725 | 99,804 | | | | |
| 10/31 | 5.2 | 4.3 | 560 | 44.41 | 200 | 48,090 | 0 | 6,438 | 1548 | 4480 | 1077 | 250 | 60,112 | 1600 | 384,717 | | |
| 11/26 | 4.7 | 4.2 | 610 | 62.39 | 54 | 18,159 | 0 | 6,668 | 2242 | 5600 | 1883 | 425 | 142,920 | 900 | 302,654 | | |
| 11/30 | 5.5 | 4.0 | 575 | 50.76 | 24 | 6,566 | 0 | 8,365 | 2289 | 6720 | 1839 | 250 | 68,399 | 900 | 246,237 | | |
| 12/10 | 5.5 | 3.8 | 610 | 47.61 | 48 | 12,318 | 0 | 10,894 | 2796 | 0 | | 425 | 109,063 | 1200 | 307,941 | | |
| 12/10 | 5.5 | 4.2 | 620 | 47.61 | 68 | 17,450 | 0 | 11,522 | 2957 | 0 | | 405 | 103,930 | 600 | 153,971 | 9 | 2310 |
| 1974 | | | | | | | | | | | | | | | | | |
| 1/22 | 5.2 | 4.2 | 550 | 178.26 | 30 | 28,825 | 0 | 10,178 | 9779 | 4480 | 4304 | 290 | 278,638 | 1100 | 1,056,904 | 5 | 4804 |
| 2/27 | 5.6 | 4.0 | 800 | 95.82 | 40 | 20,659 | 0 | 13,794 | 7124 | 6720 | 3471 | 325 | 167,853 | | | | |
| 3/27 | 5.8 | 3.7 | 800 | 65.88 | 60 | 21,306 | 0 | 10,952 | 3889 | 2240 | 795 | 475 | 168,669 | | | | |
| 4/22 | 4.8 | 3.9 | 950 | 54.46 | 40 | 11,742 | 0 | 8,900 | 2613 | 6720 | 1973 | 400 | 117,416 | | | | |
| 5/13 | 5.8 | 5.7 | 450 | 224.81 | 6 | 7,270 | 10 | 5,000 | 6059 | 0 | | 200 | 242,345 | | | | |
| 6/11 | 3.3 | 3.2 | 1,800 | 16.78 | 82 | 7,416 | 0 | 5,300 | 479 | 0 | | 800 | 72,355 | | | | |
| 7/15 | | 3.1 | 1,700 | 22.00 | 138 | 16,364 | 0 | 9,000 | 1067 | 0 | | 975 | 115,616 | | | | |
| 8/20 | | 3.2 | 2,100 | 15.10 | 120 | 9,767 | 0 | 6,700 | 545 | 0 | | 1,175 | 95,632 | | | | |
| 9/25 | | 3.2 | 1,100 | 31.50 | 74 | 12,564 | 0 | 14,300 | 2428 | 10080 | 1711 | 850 | 144,317 | | | | |

Sample No. 2
Stream No. 1-01 (0.02)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe TOTAL ug/l | Fe TOTAL #/day | ug/l | Fett+ #/day | mg/l | SO ₄ #/day | mg/l | HARDNESS #/day | mg/l | CI #/day | |
|-------|----------|--------|-------|--------|------|-----------------------|-----------------|---------------|----------------|-------|-------------|------|-----------------------|-------|----------------|------|----------|--|
| 1973 | | | | | | | | | | | | | | | | | | |
| 7/17 | 4.8 | | | | | | | | | | | | | | | | | |
| 7/19 | 4.7 | | | | | | | | | | | | | | | | | |
| 7/30 | 5.8 | | 1,100 | 6.45 | 26 | 904 | | | | | | | | | | | | |
| 8/7 | 4.6 | | 1,300 | | 30 | | | | | | | | | | | | | |
| 8/23 | 5.1 | 6.4 | 680 | 8.87 | 12 | 574 | 0 | 1,000 | 48 | 500 | 24 | 370 | 17,689 | | | | | |
| 9/12 | 4.1 | 5.3 | 1,050 | 6.45 | 22 | 765 | 0 | 900 | 31 | 500 | 17 | 640 | 22,250 | 620 | 21,555 | | | |
| 9/27 | 6.1 | 5.1 | 1,025 | 5.64 | 27 | 821 | 0 | 300 | 9 | 200 | 6 | 600 | 18,240 | 587 | 17,845 | | | |
| 10/18 | | 5.2 | | 7.74 | 16 | 667 | 0 | 1,522 | 63 | 0 | | 450 | 18,773 | | | | | |
| 10/31 | 5.9 | 6.2 | 360 | 75.15 | 12 | 4,861 | 4 | 2,010 | 814 | 1,120 | 454 | 210 | 85,062 | 1,000 | 405,059 | | | |
| 11/3 | 5.8 | 6.1 | 450 | 67.03 | 16 | 5,781 | 4 | 2,176 | 786 | 1,120 | 405 | 210 | 75,871 | 1,300 | 469,679 | | | |
| 11/26 | 4.7 | 5.5 | 440 | 62.74 | 12 | 4,058 | 6 | 2,029 | 2,515 | 0 | | 215 | 72,706 | 800 | 270,535 | | | |
| 11/30 | 6.5 | 5.8 | 440 | 62.74 | 6 | 2,029 | 8 | 2,515 | 850 | 2,240 | 757 | 230 | 77,779 | 900 | 304,352 | | | |
| 12/10 | 6.2 | 5.1 | 500 | 30.45 | 18 | 2,954 | 8 | 5,565 | 913 | 1,120 | 184 | 360 | 59,085 | 1,700 | 279,013 | 11 | 1,805 | |
| 1974 | | | | | | | | | | | | | | | | | | |
| 1/22 | 6.1 | 5.7 | 450 | 66.65 | 14 | 5,029 | 8 | 2,874 | 6,225 | 5,600 | 2,012 | 235 | 84,422 | 1,100 | 395,168 | 10 | 3,592 | |
| 2/27 | 6.1 | 6.0 | 550 | 35.90 | 4 | 774 | 12 | 2,322 | 1,203 | 0 | | 325 | 62,888 | | | | | |
| 3/27 | 8.0 | 5.2 | 650 | 24.90 | 10 | 1,342 | 10 | 1,342 | 735 | 1,120 | 150 | 295 | 39,592 | | | | | |
| 4/22 | 8.5 | 5.4 | 750 | 25.35 | 8 | 1,093 | 18 | 2,459 | 4,600 | 0 | | 330 | 45,090 | | | | | |
| 5/13 | 5.6 | 5.9 | 390 | 84.83 | 6 | 2,743 | 14 | 6,401 | 2,900 | 0 | | 175 | 80,016 | 310 | 141,742 | | | |
| 6/11 | 5.7 | 5.2 | 1,225 | 8.48 | 14 | 640 | 10 | 457 | 1,800 | 0 | | 700 | 31,995 | 660 | 30,167 | 10 | 457 | |
| 7/15 | 4.5 | 4.5 | 1,180 | 14.00 | 48 | 3,622 | 0 | 1,800 | 113 | 0 | | 675 | 50,936 | | | | | |
| 8/20 | 4.5 | 4.5 | 1,400 | 6.20 | 38 | 1,270 | 0 | 1,500 | 40 | 0 | | 750 | 25,064 | | | | | |
| 9/23 | 4.6 | 4.6 | 790 | 22.00 | 28 | 3,320 | 2 | 4,900 | 581 | 1,120 | 133 | 600 | 71,148 | | | | | |

Sample No. 3
Stream No. 1 (0.80)

| DATE | pH field | pH Lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | #/day | Fe TOTAL ug/l | #/day | Fett ug/l | #/day | mg/l | SO ₄ #/day | mg/l | HARDNESS mg/l | #/day | mg/l | CI #/day | |
|-------|----------|--------|-------|--------|------|-----------------------|-----------------|--------|---------------|--------|-----------|-------|---------|-----------------------|---------|---------------|-------|------|----------|---|
| 1973 | | | | | | | | | | | | | | | | | | | | |
| 7/19 | 3.6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 7/30 | 2.9 | - | 2,000 | 13.40 | 140 | 10,112 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8/7 | 3.1 | - | 2,500 | - | 138 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8/23 | 3.6 | 3.3 | 1,300 | 16.68 | 120 | 10,789 | 0 | 7,000 | 629 | 3,800 | 342 | 790 | 71,025 | 80,203 | 1,130 | 75,525 | - | - | - | - |
| 9/12 | 3.7 | 3.2 | 1,890 | 12.40 | 180 | 12,030 | 0 | 13,000 | 869 | 500 | 33 | 1,200 | 80,203 | 79,556 | 1,090 | 72,264 | - | - | - | - |
| 9/27 | 5.9 | 3.2 | 1,900 | 12.30 | 170 | 11,270 | 0 | 11,000 | 729 | 1,000 | 66 | 1,200 | 79,556 | 73,299 | - | - | - | - | - | - |
| 10/18 | - | 3.4 | - | 15.11 | 10 | 814 | 0 | 4,150 | 338 | 0 | - | 900 | 73,299 | - | - | - | - | - | - | - |
| 11/3 | 5.1 | 3.8 | 660 | 60.62 | 100 | 32,674 | 0 | 10,000 | 3,267 | 6,720 | 2,196 | 325 | 106,191 | 2,000 | 653,484 | - | - | - | - | - |
| 11/30 | 5.1 | 3.9 | 620 | 72.56 | 30 | 11,733 | 0 | 8,890 | 3,477 | 6,720 | 2,628 | 250 | 391,098 | 1,000 | 391,098 | - | - | - | - | - |
| 12/11 | 5.1 | 3.5 | 680 | 23.71 | 66 | 8,294 | 0 | 18,365 | 2,347 | 3,360 | 429 | 495 | 62,203 | 1,400 | 175,928 | 9 | 128 | - | - | - |
| 1974 | | | | | | | | | | | | | | | | | | | | |
| 1/22 | 4.8 | 3.8 | 700 | 75.84 | 60 | 24,527 | 0 | 12,823 | 5,242 | 4,480 | 1,831 | 385 | 157,379 | 1,600 | 654,907 | 10 | 4,088 | - | - | - |
| 2/27 | 4.9 | 3.5 | 1,020 | 46.75 | 120 | 30,257 | 0 | 25,730 | 6,488 | 23,520 | 5,930 | 425 | 107,161 | - | - | - | - | - | - | - |
| 3/27 | 4.7 | 3.4 | 975 | 32.57 | 60 | 10,533 | 0 | 16,429 | 2,884 | 0 | - | 450 | 78,999 | - | - | - | - | - | - | - |
| 4/22 | 3.7 | 3.4 | 1,100 | 27.91 | 70 | 10,530 | 0 | 15,800 | 2,377 | 7,840 | 1,179 | 450 | 67,696 | - | - | - | - | - | - | - |
| 5/23 | 3.4 | 3.3 | 1,500 | 139.98 | 130 | 98,084 | 0 | 13,800 | 10,412 | 7,840 | 5,915 | 800 | 603,594 | 780 | 588,504 | - | - | - | - | - |
| 6/11 | 3.3 | 3.1 | 2,100 | 9.84 | 146 | 7,743 | 0 | 9,400 | 499 | 0 | - | 925 | 49,060 | 100 | 5,304 | - | - | - | - | - |
| 7/15 | - | 3.0 | 2,000 | 12.50 | 700 | 47,162 | 0 | 12,300 | 829 | 0 | - | 1,000 | 67,375 | - | - | - | - | - | - | - |
| 9/20 | - | 3.0 | 2,500 | 10.50 | 194 | 10,979 | 0 | 9,200 | 521 | 0 | - | 1,225 | 69,329 | - | - | - | - | - | - | - |
| 9/23 | - | 3.2 | 1,225 | 16.5 | 116 | 10,316 | 0 | 18,900 | 1,681 | 14,560 | 1,295 | 1,100 | 97,829 | - | - | - | - | - | - | - |

Sample No. 4
Pcint Source No. 502

| DATE | pH field | pH Lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | #/day | Fe TOTAL ug/l | #/day | Fett ug/l | #/day | mg/l | SO ₄ #/day | mg/l | HARDNESS mg/l | #/day | mg/l | CI #/day | |
|-------|----------|--------|-------|--------|------|-----------------------|-----------------|---------|---------------|--------|-----------|-------|-------|-----------------------|-------|---------------|-------|------|----------|---|
| 1973 | | | | | | | | | | | | | | | | | | | | |
| 7/19 | 5.9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 7/20 | 6.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 7/31 | 6.9 | - | 2,490 | 0.07 | 60 | 23 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8/7 | 6.7 | - | 2,500 | - | 26 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8/23 | 4.7 | 5.4 | 2,250 | 0.02 | 230 | 25 | 0 | 150,000 | 16 | 75,000 | 8 | 1,800 | 194 | - | - | - | - | - | - | - |
| 9/27 | 6.4 | 6.6 | 2,100 | 0.08 | 0 | - | 4 | 5,400 | 2 | 700 | 1 | 1,500 | 647 | 1,540 | 664 | - | - | - | - | - |
| 10/31 | 6.2 | 5.3 | 1,350 | 0.06 | 20 | 6 | 14 | 9,159 | 3 | 4,480 | 1 | 1,150 | 372 | 5,400 | 1,746 | - | - | - | - | - |
| 11/27 | 5.7 | 5.7 | 1,250 | 0.35 | 32 | 60 | 10 | 13,960 | 26 | 6,720 | 13 | 1,050 | 1,981 | 2,800 | 5,282 | - | - | - | - | - |
| 12/11 | 6.4 | 5.8 | 1,610 | - | 78 | - | 60 | 27,508 | - | 2,240 | - | 1,350 | - | - | - | - | - | - | - | - |
| 1974 | | | | | | | | | | | | | | | | | | | | |
| 1/22 | 6.4 | 5.9 | 1,800 | 0.14 | 58 | 44 | 42 | 33,352 | 25 | 13,440 | 10 | 1,075 | 811 | 5,000 | 3,773 | 5 | 4 | - | - | - |
| 2/26 | 6.3 | 6.7 | 2,100 | 0.12 | 2 | 1 | 124 | 29,985 | 19 | 17,920 | 12 | 1,075 | 695 | - | - | - | - | - | - | - |
| 3/27 | 8.8 | 6.0 | 2,000 | 0.12 | 32 | 21 | 112 | 6,420 | 4 | 0 | - | 1,450 | 938 | - | - | - | - | - | - | - |
| 4/23 | 8.8 | 6.0 | 2,100 | 0.15 | 36 | 29 | 108 | 12,100 | 10 | 2,240 | 2 | 1,325 | 1,071 | - | - | - | - | - | - | - |
| 5/14 | 6.2 | 6.6 | 2,100 | 0.19 | 120 | 123 | 134 | 16,200 | 17 | 0 | - | 1,300 | 1,331 | - | - | - | - | - | - | - |
| 6/11 | 6.7 | 6.7 | 2,600 | 0.11 | 36 | 21 | 180 | 10,900 | 6 | 0 | - | 1,300 | 771 | - | - | - | - | - | - | - |
| 7/15 | - | 6.3 | 2,450 | 0.09 | 54 | 26 | 172 | 2,300 | 1 | 0 | - | 1,300 | 679 | - | - | - | - | - | - | - |
| 8/20 | - | 7.0 | 2,600 | 0.08 | 0 | - | 158 | 3,900 | 2 | 0 | - | 1,450 | 625 | - | - | - | - | - | - | - |
| 9/23 | - | 6.0 | 1,850 | 0.62 | 44 | 147 | 72 | 8,200 | 27 | 1,120 | 4 | 1,650 | 5,514 | - | - | - | - | - | - | - |

Sample No. 5
Point Source No. 1227

| DATE | pH field lab | S.C. | c.f.s. | pH ₈ mg/l | #/day | ALKALINITY mg/l | Fe TOTAL ug/l | #/day | Fe++ ug/l | #/day | SO ₄ mg/l | #/day | HARDNESS mg/l | #/day | CI mg/l | #/day |
|-------|-----------------|-------|--------|-------------------------|-------|--------------------|------------------|-------|--------------|-------|-------------------------|-------|------------------|--------|------------|-------|
| 1973 | | | | | | | | | | | | | | | | |
| 8/17 | 5.6 | 2,600 | 0.19 | - | - | 76 | 900 | 1 | 500 | 1 | 1,600 | 1,639 | - | - | - | - |
| 8/23 | 6.2 | 2,200 | 0.12 | 0 | - | 83 | 400 | 1 | 300 | 1 | 1,700 | 1,100 | 1,870 | 1,210 | - | - |
| 9/27 | 6.6 | 2,400 | 0.33 | 38 | 68 | 42 | 1,203 | 2 | 1,120 | 2 | 1,425 | 2,535 | 9,000 | 16,008 | - | - |
| 10/31 | 7.0 | 1,675 | 0.84 | 16 | 72 | 20 | 5,565 | 25 | 4,480 | 20 | 675 | 3,056 | 2,300 | 10,413 | - | - |
| 11/27 | 6.5 | 1,000 | 0.74 | 34 | 136 | 134 | 1,844 | 7 | 0 | - | 1,300 | 5,185 | 4,800 | 19,145 | - | - |
| 12/11 | 6.8 | 1,600 | 0.53 | 0 | - | 120 | 2,530 | 7 | 0 | - | 1,125 | 3,214 | 6,000 | 17,140 | 5 | 14 |
| 1974 | | | | | | | | | | | | | | | | |
| 1/22 | 7.9 | 1,900 | 0.13 | 0 | - | 76 | 1,522 | 1 | 0 | - | 1,050 | 736 | - | - | - | - |
| 2/26 | 6.8 | 1,850 | 0.27 | - | - | 270 | 714 | 3 | 0 | - | 1,075 | 1,564 | - | - | - | - |
| 3/27 | 10.5 | 1,900 | 0.52 | - | - | 340 | 900 | 3 | 0 | - | 1,350 | 3,784 | - | - | - | - |
| 4/23 | 10.6 | 2,000 | 0.33 | - | - | 222 | 700 | 1 | 0 | - | 1,175 | 2,090 | - | - | - | - |
| 5/14 | 6.8 | 2,000 | 0.24 | 0 | - | 360 | 900 | 1 | 0 | - | 1,100 | 1,423 | - | - | - | - |
| 6/11 | 7.6 | 2,500 | 0.09 | 44 | 21 | 260 | 600 | 1 | 0 | - | 1,275 | 619 | - | - | - | - |
| 7/15 | - | 2,400 | 0.11 | 0 | - | 250 | 500 | 1 | 0 | - | 1,700 | 1,008 | - | - | - | - |
| 8/20 | 7.4 | 2,750 | 0.25 | 4 | 5 | 120 | 1,100 | 1 | 0 | - | 1,725 | 2,324 | - | - | - | - |
| 9/23 | 6.7 | 2,000 | 0.01 | 6 | 1 | 18 | 900 | 1 | 0 | - | 1,450 | 78 | - | - | - | - |

Sample No. 6
Point Source No. 1226

| DATE | pH field lab | S.C. | c.f.s. | pH ₈ mg/l | #/day | ALKALINITY mg/l | Fe TOTAL ug/l | #/day | Fe++ ug/l | #/day | SO ₄ mg/l | #/day | HARDNESS mg/l | #/day | CI mg/l | #/day |
|-------|-----------------|-------|--------|-------------------------|-------|--------------------|------------------|-------|--------------|-------|-------------------------|-------|------------------|-------|------------|-------|
| 1973 | | | | | | | | | | | | | | | | |
| 12/11 | 5.0 | 1,280 | - | 92 | - | 6 | 292 | - | 0 | - | 1,174 | 4,000 | - | - | - | - |
| 1974 | | | | | | | | | | | | | | | | |
| 1/22 | 4.2 | 1,180 | 0.18 | 230 | 233 | 0 | 2,530 | 2 | 0 | - | 1,125 | 1,091 | 4,200 | 4,075 | 5 | 5 |
| 2/26 | 4.5 | 1,600 | 0.12 | 90 | 58 | 0 | 439 | 1 | 0 | - | 850 | 550 | - | - | - | - |
| 3/27 | 4.6 | 1,800 | 0.04 | 148 | 32 | 0 | 1,190 | 1 | 0 | - | 1,450 | 313 | - | - | - | - |
| 4/23 | 4.6 | 2,000 | 0.05 | 198 | 53 | 0 | 2,800 | 1 | 0 | - | 1,300 | 350 | - | - | - | - |
| 5/14 | 4.5 | 1,700 | 0.09 | 104 | 50 | 0 | 500 | 1 | 0 | - | 1,300 | 631 | - | - | - | - |
| 6/11 | 4.9 | 2,500 | 0.01 | 136 | 7 | 4 | 600 | 1 | 0 | - | 1,300 | 70 | - | - | - | - |
| 7/15 | - | 2,100 | 0.02 | 42 | 5 | 2 | 700 | 1 | 0 | - | 1,950 | 210 | - | - | - | - |
| 8/20 | 6.1 | 2,200 | 0.01 | 6 | 1 | 18 | 900 | 1 | 0 | - | 1,450 | 78 | - | - | - | - |
| 9/23 | 5.5 | 1,750 | 0.02 | 8 | 1 | 8 | 200 | 1 | 0 | - | 1,425 | 154 | - | - | - | - |

Sample No. 7
Stream No. 1-01-01 (0.19)

| DATE | pH field | pH lab | S.C. | c.f.s. mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe TOTAL ug/l | Fe+++ ug/l | SO ₄ mg/l | HARDNESS mg/l | CI mg/l |
|-------|----------|--------|-------|-------------|-----------------------|-----------------|---------------|------------|----------------------|---------------|---------|
| 1973 | | | | | | | | | | | |
| 8/23 | 6.5 | 7.2 | 500 | 5.15 | 0 | 36 | 300 | 200 | 240 | 6,662 | - |
| 9/27 | 6.7 | 7.8 | 965 | 0.78 | - | 86 | 100 | 90 | 440 | 1,850 | - |
| 10/31 | 6.8 | 6.6 | 290 | 23.97 | 28 | 2,842 | 588 | 0 | 110 | 568 | 2,388 |
| 11/27 | 6.2 | 6.3 | 340 | 22.54 | 6 | 3,645 | 1,681 | 0 | 175 | 3,500 | 452,194 |
| 12/11 | 6.7 | 6.4 | 390 | 8.03 | 12 | 3,030 | 292 | 0 | 220 | 1,000 | 121,491 |
| 1974 | | | | | | | | | | | |
| 1/22 | 6.4 | 7.0 | 380 | 12.60 | 0 | 50 | 2,243 | 0 | 185 | 1,600 | 108,662 |
| 2/26 | 6.4 | 6.6 | 400 | 8.10 | 10 | 437 | 1,362 | 0 | 200 | 8,732 | - |
| 3/27 | 10.0 | 6.5 | 575 | 7.28 | 6 | 235 | 476 | 0 | 150 | 5,886 | - |
| 4/23 | 10.2 | 6.1 | 650 | 3.63 | 8 | 157 | 1,300 | 0 | 250 | 4,891 | - |
| 5/14 | 6.6 | 6.6 | 360 | 23.82 | 6 | 770 | 1,500 | 0 | 250 | 32,097 | - |
| 6/11 | 7.0 | 7.4 | 1,300 | 1.49 | 0 | 210 | 200 | 0 | 400 | 700 | 5,622 |
| 7/15 | - | 6.7 | 1,125 | 0.80 | 12 | 52 | 300 | 0 | 600 | 2,587 | - |
| 8/20 | - | 7.4 | 1,300 | 0.75 | 0 | 214 | 700 | 0 | 775 | 3,133 | - |
| 9/23 | - | 6.9 | 700 | 15.20 | 0 | 80 | 300 | 0 | 450 | 36,868 | - |

Sample No. 8
Stream No. 1-01 (2.00)

| DATE | pH field | pH lab | S.C. | c.f.s. mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe TOTAL ug/l | Fe+++ ug/l | SO ₄ mg/l | HARDNESS mg/l | CI mg/l |
|-------|----------|--------|-------|-------------|-----------------------|-----------------|---------------|------------|----------------------|---------------|---------|
| 1973 | | | | | | | | | | | |
| 7/19 | 4.2 | - | - | - | - | - | - | - | - | - | - |
| 11/27 | 5.9 | 5.6 | 360 | 73.20 | 10 | 3,945 | 5,565 | 0 | 200 | 78,910 | - |
| 12/11 | 5.2 | 4.1 | 530 | - | 38 | - | 7,860 | 0 | 365 | 1,000 | - |
| 1974 | | | | | | | | | | | |
| 1/22 | 5.5 | 4.5 | 480 | 49.23 | 34 | 9,022 | 8,913 | 5,600 | 235 | 62,357 | 15 |
| 2/26 | 5.9 | 4.7 | 550 | 34.45 | 16 | 2,971 | 1,324 | 5,600 | 175 | 32,495 | - |
| 3/27 | 4.8 | 3.9 | 700 | 28.23 | 42 | 6,391 | 9,286 | 3,360 | 275 | 41,844 | - |
| 4/23 | 6.7 | 4.4 | 700 | 19.18 | 20 | 2,068 | 6,600 | 1,120 | 350 | 36,183 | - |
| 5/14 | 6.6 | 5.2 | 440 | 59.63 | 8 | 1,928 | 3,100 | 0 | 225 | 72,316 | - |
| 6/11 | 4.3 | 3.6 | 1,250 | 7.18 | 62 | 2,571 | 2,700 | 0 | 475 | 18,383 | - |
| 7/15 | - | 3.4 | 1,100 | 5.50 | 16 | 474 | 1,200 | 0 | 475 | 23,220 | 10 |
| 8/20 | - | 3.4 | 1,400 | 4.56 | 64 | 1,573 | 2,600 | 0 | 625 | 15,362 | 25 |
| 9/23 | - | 4.1 | 890 | 11.03 | 38 | 2,259 | 6,700 | 3,360 | 600 | 35,671 | 741 |

Sample No. 8AA
Stream No. 1-01-02 (0.00)

| DATE | pH field | pH lab | S.C. | c.f.s. mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe TOTAL ug/l | Fe+++ ug/l | SO ₄ mg/l | HARDNESS mg/l | CI mg/l |
|------|----------|--------|-------|-------------|-----------------------|-----------------|---------------|------------|----------------------|---------------|---------|
| 1974 | | | | | | | | | | | |
| 5/14 | 6.7 | 6.3 | 500 | 1.80 | 8 | 26 | 400 | 0 | 275 | 2,668 | - |
| 6/11 | 6.7 | 6.6 | 900 | 0.18 | 2 | 60 | 100 | 0 | 325 | 315 | - |
| 7/15 | - | 6.1 | 950 | 0.07 | 18 | 50 | 300 | 0 | 600 | 226 | - |
| 8/20 | - | 6.5 | 1,000 | 0.06 | 0 | 64 | 400 | 0 | 600 | 194 | - |
| 9/23 | - | 6.5 | 900 | 0.12 | 0 | 34 | 300 | 0 | 600 | 388 | - |

Sample No. 9
Stream No. 1-01-07 (0.39)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH8 #/day | ALKALINITY mg/l | Fe TOTAL ug/l | Fe++ ug/l | Fe++ #/day | SO4 mg/l | SO4 #/day | HARDNESS mg/l | HARDNESS #/day | CI mg/l | CI #/day |
|-------|----------|--------|------|--------|------|-----------|-----------------|---------------|-----------|------------|----------|-----------|---------------|----------------|---------|----------|
| 1973 | | | | | | | | | | | | | | | | |
| 7/19 | 5.8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8/10 | 6.4 | - | 540 | 0.53 | 16 | 46 | 32 | 91 | - | - | - | - | - | - | - | - |
| 9/27 | 7.1 | 7.2 | 450 | 0.37 | 0 | 34 | 68 | 800 | 500 | 1 | 180 | 359 | 229 | 457 | - | - |
| 11/29 | 6.8 | 6.2 | 210 | 5.84 | 4 | 126 | 26 | 741 | 0 | - | 95 | 2,990 | 400 | 12,591 | - | - |
| 12/11 | 6.5 | 6.3 | 260 | - | 10 | - | 50 | 1,362 | 0 | - | 135 | - | 800 | - | - | - |
| 1974 | | | | | | | | | | | | | | | | |
| 2/20 | 6.9 | 6.3 | 425 | 1.64 | 10 | 88 | 58 | 513 | 0 | - | 225 | 1,989 | - | - | - | - |
| 3/27 | 8.0 | 5.9 | 350 | 1.75 | 6 | 57 | 50 | 472 | 0 | - | 200 | 1,887 | - | - | - | - |
| 4/23 | 11.0 | 6.0 | 400 | 0.99 | 4 | 21 | 52 | 277 | 0 | - | 225 | 1,201 | - | - | - | - |
| 5/14 | 6.6 | 6.4 | 210 | 6.59 | 8 | 284 | 36 | 1,279 | 0 | - | 175 | 6,216 | - | - | - | - |
| 6/11 | 5.9 | 6.4 | 700 | 0.27 | 2 | 3 | 68 | 99 | 0 | - | 175 | 255 | - | - | - | - |
| 7/16 | - | 6.4 | 725 | 0.31 | 26 | 43 | 70 | 117 | 0 | - | 350 | 585 | - | - | - | - |
| 8/20 | - | 6.4 | 880 | 0.10 | 2 | 1 | 64 | 34 | 0 | - | 425 | 229 | - | - | - | - |
| 9/23 | - | 6.4 | 360 | 1.63 | 0 | - | 44 | 387 | 0 | - | 225 | 1,977 | - | - | - | - |

Sample No. 9AA
Stream No. 1-01-07 (0.07)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH8 #/day | ALKALINITY mg/l | Fe TOTAL ug/l | Fe++ ug/l | Fe++ #/day | SO4 mg/l | SO4 #/day | HARDNESS mg/l | HARDNESS #/day | CI mg/l | CI #/day |
|------|----------|--------|------|--------|------|-----------|-----------------|---------------|-----------|------------|----------|-----------|---------------|----------------|---------|----------|
| 1974 | | | | | | | | | | | | | | | | |
| 5/14 | 6.6 | 6.4 | 150 | 5.05 | 6 | 163 | 26 | 708 | 0 | - | 175 | 4,763 | 752 | 20,469 | - | - |
| 6/11 | 6.2 | 6.5 | 500 | 0.25 | 6 | 8 | 64 | 86 | 0 | - | 225 | 303 | 200 | 270 | 5 | 7 |
| 7/16 | - | 6.4 | 525 | 0.10 | 10 | 5 | 60 | 32 | 0 | - | 150 | 81 | - | - | 25 | 13 |
| 8/20 | - | 5.7 | 630 | 0.01 | 0 | - | 68 | 4 | 2,240 | 1 | 325 | 18 | - | - | - | - |
| 9/23 | - | 6.2 | 2.0 | 0.40 | 0 | - | 48 | 103 | 0 | - | 175 | 377 | - | - | - | - |

Sample No. 9BB
Stream No. 1-01-07-01 (0.00)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH8 #/day | ALKALINITY mg/l | Fe TOTAL ug/l | Fe++ ug/l | Fe++ #/day | SO4 mg/l | SO4 #/day | HARDNESS mg/l | HARDNESS #/day | CI mg/l | CI #/day |
|------|----------|--------|------|--------|------|-----------|-----------------|---------------|-----------|------------|----------|-----------|---------------|----------------|---------|----------|
| 1974 | | | | | | | | | | | | | | | | |
| 5/14 | 6.7 | 6.5 | 280 | 4.14 | 8 | 179 | 44 | 982 | 0 | - | 175 | 3,905 | 140 | 3,124 | - | - |
| 6/11 | 6.6 | 6.7 | 800 | 0.19 | 6 | 6 | 72 | 74 | 0 | - | 300 | 307 | 400 | 410 | 5 | 5 |
| 7/16 | - | 6.4 | 825 | 0.09 | 12 | 6 | 70 | 34 | 0 | - | 350 | 170 | - | - | 25 | 12 |
| 8/20 | - | 6.5 | 940 | 0.05 | 0 | - | 56 | 15 | 0 | - | 475 | 128 | - | - | - | - |
| 9/23 | - | 6.5 | 470 | 0.29 | 6 | 9 | 56 | 88 | 0 | - | 325 | 508 | - | - | - | - |

Sample No. 10
Stream No. 1-01 (4.31)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH8 #/day | ALKALINITY mg/l | Fe TOTAL ug/l | Fe++ ug/l | Fe++ #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | CI mg/l |
|-----------|----------|--------|-------|--------|------|-----------|-----------------|---------------|-----------|------------|-------|-----------------------|---------------|---------|
| 1973 7/31 | 3.6 | - | 1,190 | 4.59 | 90 | 2,227 | - | - | - | - | - | - | - | - |
| 11/1 | 5.1 | 4.2 | 390 | 92.95 | 26 | 13,026 | 0 | 3,960 | 2,240 | 1,122 | 185 | 92,685 | 1,400 | 701,401 |
| 11/27 | 4.9 | 4.4 | 390 | 62.64 | 30 | 10,129 | 2 | 6,438 | 5,600 | 1,891 | 150 | 50,644 | 800 | 270,104 |
| 12/11 | 5.1 | 3.8 | 620 | 14.56 | 50 | 3,924 | 0 | 11,523 | 5,600 | 439 | 350 | 27,467 | 1,500 | 117,718 |
| 1974 1/24 | 4.9 | 4.4 | 650 | 28.37 | 42 | 6,422 | 2 | 11,501 | 6,720 | 1,028 | 345 | 52,755 | 1,500 | 229,371 |
| 2/20 | 3.9 | 3.6 | 1,000 | 9.25 | 84 | 4,188 | 0 | 21,182 | 6,720 | 335 | 300 | 14,957 | - | 1,529 |
| 3/27 | 4.9 | 3.7 | 775 | 14.56 | 60 | 4,709 | 0 | 10,476 | 1,120 | 88 | 325 | 25,505 | - | - |
| 4/24 | 4.8 | 3.4 | 900 | 12.26 | 84 | 5,551 | 0 | 17,800 | 6,720 | 444 | 350 | 23,128 | - | - |
| 5/14 | 6.1 | 4.7 | 570 | 36.07 | 12 | 2,333 | 6 | 4,500 | 0 | - | 225 | 43,744 | - | - |
| 6/12 | 3.2 | 3.4 | 1,300 | 3.37 | 80 | 1,453 | 0 | 12,100 | 2,240 | 41 | 450 | 8,174 | - | - |
| 7/16 | - | 3.0 | 1,400 | 3.15 | 400 | 6,791 | 0 | 10,700 | 3,360 | 57 | 1,050 | 17,827 | - | - |
| 8/20 | - | 2.9 | 1,500 | 3.02 | 120 | 1,953 | 0 | 11,700 | 1,120 | 18 | 825 | 13,429 | - | - |
| 9/24 | - | 3.8 | 900 | 5.90 | 62 | 1,972 | 0 | 11,700 | 5,600 | 178 | 650 | 20,671 | - | - |

Sample No. 11
Stream No. 1-01 (4.96)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH8 #/day | ALKALINITY mg/l | Fe TOTAL ug/l | Fe++ ug/l | Fe++ #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | CI mg/l |
|-----------|----------|--------|-------|--------|------|-----------|-----------------|---------------|-----------|------------|------|-----------------------|---------------|---------|
| 1973 7/19 | 5.6 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8/23 | 6.0 | 6.5 | 850 | 1.12 | 0 | 18 | 109 | 2,500 | 1,700 | 10 | 520 | 3,139 | - | - |
| 9/27 | 7.1 | 7.0 | 925 | 1.52 | - | 16 | 131 | 1,100 | 500 | 4 | 510 | 4,178 | - | - |
| 11/1 | 6.4 | 5.9 | 380 | - | 6 | 8 | - | 3,463 | 0 | - | 130 | - | 508 | 4,162 |
| 11/27 | 6.3 | 6.0 | 250 | - | 14 | - | - | 3,402 | 0 | - | 800 | - | 700 | - |
| 12/11 | 6.1 | 6.1 | 450 | - | 10 | 32 | - | 2,010 | 0 | - | 265 | - | 1,500 | - |
| 1974 1/24 | 6.3 | 6.6 | 450 | 13.47 | 10 | 726 | 30 | 2,178 | 0 | - | 210 | 15,247 | 700 | 50,822 |
| 2/20 | 6.2 | 6.2 | 750 | 5.36 | 12 | 347 | 38 | 1,099 | 0 | - | 225 | 6,500 | - | - |
| 3/27 | 7.6 | 5.8 | 600 | 4.77 | 10 | 257 | 40 | 1,028 | 1,120 | 29 | 275 | 7,070 | - | - |
| 4/24 | 9.5 | 5.9 | 675 | 4.52 | 2 | 49 | 38 | 926 | 0 | - | 275 | 6,700 | - | - |
| 5/15 | 5.8 | 6.3 | 490 | 14.48 | 6 | 468 | 34 | 2,654 | 0 | - | 225 | 17,561 | - | - |
| 6/12 | 5.8 | 6.4 | 1,000 | 1.23 | 8 | 53 | 48 | 318 | 0 | - | 400 | 2,652 | - | - |
| 7/17 | - | 6.0 | 1,080 | 1.21 | 38 | 248 | 50 | 326 | 0 | - | 600 | 3,913 | - | - |
| 8/20 | - | 6.1 | 1,150 | 0.61 | 4 | 13 | 54 | 178 | 0 | - | 625 | 2,055 | - | - |
| 9/24 | - | 6.4 | 700 | 1.90 | 16 | 164 | 48 | 492 | 0 | - | 425 | 4,352 | - | - |

Sample No. 11AA
Stream No. 1-01-14 (0.01)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH8 #/day | ALKALINITY mg/l | Fe TOTAL ug/l | Fe++ ug/l | Fe++ #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | CI mg/l |
|-----------|----------|--------|-------|--------|------|-----------|-----------------|---------------|-----------|------------|------|-----------------------|---------------|---------|
| 1973 7/19 | 4.1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8/8 | 6.1 | - | 1,150 | 1.64 | 12 | 106 | 40 | 354 | - | - | - | - | - | - |
| 1974 1/24 | 3.6 | 3.6 | 790 | 14.35 | 60 | 4,641 | 0 | 15,469 | 6,720 | 520 | 380 | 29,392 | 1,400 | 108,285 |
| 2/20 | 3.3 | 3.2 | 1,300 | 4.59 | 134 | 3,315 | 0 | 29,985 | 19,040 | 471 | 300 | 7,422 | - | 1,160 |
| 3/27 | 3.6 | 3.3 | 1,000 | 7.72 | 100 | 4,161 | 0 | 15,952 | 1,120 | 47 | 425 | 17,685 | - | - |
| 4/24 | 3.8 | 3.1 | 1,100 | 6.27 | 130 | 4,393 | 0 | 33,200 | 8,960 | 303 | 525 | 17,743 | - | - |
| 5/15 | 2.8 | 3.4 | 710 | 17.02 | 62 | 5,688 | 0 | 8,800 | 0 | - | 325 | 29,815 | - | - |
| 6/12 | 3.1 | 3.1 | 1,600 | 2.85 | 200 | 3,072 | 0 | 22,200 | 3,360 | 52 | 575 | 8,833 | - | - |
| 7/17 | - | 2.8 | 1,700 | 2.63 | 700 | 9,923 | 0 | 22,700 | 2,240 | 32 | 900 | 12,758 | - | - |
| 8/20 | - | 2.7 | 1,750 | 1.19 | 180 | 1,155 | 0 | 20,900 | 1,120 | 7 | 225 | 1,443 | - | - |
| 9/24 | - | 3.1 | 1,325 | 2.83 | 152 | 2,319 | 0 | 25,200 | 12,320 | 188 | 925 | 14,110 | - | - |

Sample No. 12
Stream No. 1-01-14-02 (0.09)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l #/day | Fe TOTAL ug/l #/day | Fe++ ug/l #/day | mg/l | SO ₄ #/day | HARDNESS mg/l #/day | CI mg/l #/day |
|-------|----------|--------|-------|--------|------|-----------------------|-----------------------|---------------------|-----------------|-------|-----------------------|---------------------|---------------|
| 1973 | | | | | | | | | | | | | |
| 7/19 | 3.4 | - | - | 0.346 | 400 | 746 | - | - | - | - | - | - | - |
| 7/31 | 2.8 | - | 2,200 | 0.42 | 560 | 1,268 | 0 | 110,000 | 52,000 | 1,100 | 2,490 | - | - |
| 8/23 | 1.9 | 2.9 | 1,800 | 0.44 | 640 | 1,518 | 0 | 130,000 | 22,000 | 1,400 | 3,320 | 963 | - |
| 9/27 | 6.2 | 2.8 | 2,250 | 0.43 | 640 | 1,400 | 0 | 30,591 | 15,680 | 60 | 1,400 | 1,500 | 2,284 |
| 11/1 | 3.7 | 3.2 | 570 | 4.33 | 60 | 2,427 | 0 | 20,100 | 12,320 | 300 | 7,745 | 1,300 | 35,008 |
| 11/27 | 3.6 | 3.2 | 640 | 4.79 | 94 | 2,427 | 0 | 43,867 | 42,560 | 550 | 2,105 | 1,500 | 33,564 |
| 12/11 | 3.5 | 3.1 | 900 | 0.71 | 600 | 2,296 | 0 | 37,655 | 15,680 | 470 | 5,168 | 2,500 | 5,740 |
| 1974 | | | | | | | | | | | | | |
| 1/24 | 3.2 | 3.4 | 880 | 2.04 | 128 | 1,407 | 0 | 80,475 | 42,560 | 350 | 1,188 | - | 10 |
| 2/20 | 3.1 | 3.0 | 1,480 | 0.63 | 254 | 863 | 0 | 42,143 | 19,040 | 425 | 1,626 | - | - |
| 3/28 | 3.1 | 3.0 | 1,100 | 0.71 | 200 | 765 | 0 | 58,800 | 30,240 | 575 | 1,364 | - | - |
| 4/24 | 4.0 | 3.2 | 1,050 | 0.44 | 150 | 356 | 0 | 29,700 | 0 | 325 | 3,661 | 410 | 4,619 |
| 5/15 | 3.3 | 2.6 | 950 | 2.09 | 100 | 1,127 | 0 | 74,800 | 30,240 | 950 | 1,639 | 800 | 25 |
| 6/12 | 3.1 | 2.8 | 2,100 | 0.32 | 440 | 759 | 0 | 77,100 | 21,280 | 1,220 | 2,302 | - | 43 |
| 7/17 | - | 2.5 | 2,300 | 0.35 | 700 | 1,321 | 0 | 92,400 | 72,800 | 1,550 | 1,587 | - | 25 |
| 8/21 | - | 2.5 | 2,400 | 0.19 | 500 | 512 | 0 | 77,100 | 69,440 | 1,200 | 2,199 | - | 47 |
| 9/24 | - | 2.9 | 1,750 | 0.34 | 500 | 916 | 0 | 16,800 | 8,960 | 1,075 | 4,288 | - | - |

Sample No. 13
Stream No. 1-01-14-04 (0.19)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l #/day | Fe TOTAL ug/l #/day | Fe++ ug/l #/day | mg/l | SO ₄ #/day | HARDNESS mg/l #/day | CI mg/l #/day |
|-------|----------|--------|-------|--------|------|-----------------------|-----------------------|---------------------|-----------------|-------|-----------------------|---------------------|---------------|
| 1973 | | | | | | | | | | | | | |
| 7/19 | 4.0 | - | 1,500 | 0.39 | 200 | 420 | 0 | 30,000 | 15,000 | 880 | 2,348 | - | - |
| 7/31 | 3.2 | - | 1,380 | 0.495 | 330 | 880 | 0 | 26,000 | 4,800 | 960 | 2,794 | 789 | - |
| 8/23 | 3.4 | 3.1 | 1,650 | 0.54 | 330 | 960 | 0 | 62,110 | 5,600 | 150 | 6,694 | 1,100 | 2,296 |
| 9/27 | 6.1 | 3.1 | 510 | 8.28 | 60 | 2,678 | 0 | 6,897 | 5,600 | 175 | 10,112 | 1,200 | 49,092 |
| 11/1 | 4.0 | 3.5 | 430 | 10.72 | 50 | 2,889 | 0 | 26,442 | 5,600 | 550 | 3,498 | 1,600 | 69,337 |
| 11/27 | 4.1 | 3.7 | 920 | 1.18 | 240 | 1,526 | 0 | 15,469 | 0 | 675 | 19,028 | 2,000 | 10,176 |
| 12/11 | 3.5 | 3.1 | 1,000 | 5.26 | 190 | 5,387 | 0 | 16,730 | 3,360 | 400 | 2,458 | 56,703 | 20 |
| 1974 | | | | | | | | | | | | | |
| 1/24 | 3.5 | 3.4 | 1,280 | 1.14 | 204 | 1,253 | 0 | 8,120 | 2,240 | 450 | 4,172 | - | - |
| 2/20 | 3.3 | 3.2 | 975 | 1.72 | 100 | 927 | 0 | 14,800 | 2,240 | 700 | 5,660 | - | - |
| 3/28 | 3.4 | 3.3 | 1,225 | 1.50 | 100 | 809 | 0 | 8,500 | 0 | 350 | 6,848 | 400 | 7,826 |
| 4/24 | 3.7 | 2.9 | 800 | 3.63 | 100 | 1,957 | 0 | 14,600 | 7,840 | 550 | 1,482 | 700 | 1,887 |
| 5/15 | 3.5 | 3.0 | 1,350 | 0.50 | 180 | 485 | 0 | 16,400 | 0 | 825 | 2,446 | - | 5 |
| 6/12 | 3.4 | 3.2 | 1,600 | 0.55 | 700 | 2,075 | 0 | 12,800 | 0 | 925 | 2,593 | - | 13 |
| 7/17 | - | 2.9 | 1,850 | 0.52 | 180 | 505 | 0 | 16,800 | 0 | 1,075 | 4,288 | - | 50 |
| 8/20 | - | 2.8 | 1,250 | 0.74 | 184 | 734 | 0 | 16,800 | 8,960 | 36 | 1,075 | - | 148 |
| 9/24 | - | 3.2 | 1,250 | 0.74 | 184 | 734 | 0 | 16,800 | 8,960 | 36 | 1,075 | - | - |

Sample No. 14
Point Source No. 4420

| DATE | pH field | pH lab | S.C. | c.f.s. | pH ₈ mg/l | ALKALINITY mg/l | Fe TOTAL ug/l | Fe++ ug/l | SO ₄ mg/l | HARDNESS mg/l | CI mg/l |
|-------|-------------|-----------|-------|--------|-------------------------|--------------------|------------------|--------------|-------------------------|------------------|------------|
| 1973 | | | | | | | | | | | |
| 10/18 | - | 2.9 | - | 0.47 | 660 | 1,672 | 62,875 | 1,120 | 1,075 | - | - |
| 11/1 | 3.3 | 2.9 | 1,110 | 0.49 | 80 | 211 | 42,768 | 17,920 | 800 | 5,250 | 13,866 |
| 11/27 | 3.4 | 3.1 | 925 | 0.43 | 204 | 473 | 25,150 | 11,200 | 550 | 5,000 | 11,589 |
| 12/11 | 3.3 | 2.9 | 1,250 | 0.46 | 450 | 2,426 | 77,248 | 68,320 | 775 | 2,000 | 10,780 |
| 1974 | | | | | | | | | | | |
| 1/24 | 2.8 | 3.1 | 1,250 | 0.22 | 300 | 356 | 49,569 | 21,280 | 950 | 1,500 | 1,779 |
| 2/20 | 3.0 | 3.0 | 1,550 | 0.06 | 366 | 118 | 85,050 | 48,160 | 525 | - | 170 |
| 3/28 | 3.2 | 2.9 | 1,200 | 0.04 | 200 | 43 | 61,905 | 2,240 | 500 | - | - |
| 4/24 | 3.6 | 2.8 | 1,200 | 0.06 | 100 | 32 | 82,100 | 41,440 | 650 | - | - |
| 5/15 | 3.2 | 2.6 | 1,200 | 0.12 | 220 | 142 | 39,900 | 0 | 425 | 580 | 375 |
| 6/12 | 3.2 | 2.9 | 1,500 | 0.05 | 320 | 86 | 63,500 | 42,560 | 650 | 600 | 162 |
| 7/17 | - | 2.5 | 1,800 | 0.12 | 700 | 453 | 77,100 | 21,280 | 1,200 | - | 25 |
| 8/20 | - | 2.7 | 2,200 | 0.30 | 380 | 614 | 72,100 | 22,400 | 1,125 | - | 25 |
| 9/24 | - | 2.9 | 1,600 | 0.13 | 500 | 350 | 113,800 | 80,640 | 1,300 | - | - |

Sample No. 15
Stream No. 1-01-14 (1.21)

| DATE | pH field | pH lab | S.C. | c.f.s. | pH ₈ mg/l | ALKALINITY mg/l | Fe TOTAL ug/l | Fe++ ug/l | SO ₄ mg/l | HARDNESS mg/l | CI mg/l |
|------|-------------|-----------|-------|--------|-------------------------|--------------------|------------------|--------------|-------------------------|------------------|------------|
| 1973 | | | | | | | | | | | |
| 7/19 | 3.6 | - | - | - | - | - | - | - | - | - | - |
| 7/31 | 3.3 | - | 1,700 | 0.68 | 190 | 696 | - | - | - | - | - |
| 8/10 | 2.8 | - | 2,000 | 2.87 | 216 | 3,341 | - | - | - | - | - |
| 8/23 | 3.0 | 2.9 | 1,780 | - | 270 | - | 1,200 | - | 890 | - | - |
| 9/27 | 6.1 | 3.0 | 1,630 | 0.49 | 260 | 687 | 500 | - | 820 | 646 | 1,706 |
| 11/1 | 4.1 | 3.6 | 490 | 20.91 | 24 | 2,705 | 0 | - | 175 | 900 | 101,434 |
| 1974 | | | | | | | | | | | |
| 1/24 | 5.4 | 4.5 | 600 | 7.05 | 40 | 1,520 | 10,178 | 6,720 | 325 | 800 | 20 |
| 2/26 | 4.6 | 3.7 | 625 | 5.37 | 42 | 1,216 | 11,844 | 6,720 | 225 | - | 760 |
| 3/28 | 3.6 | 3.3 | 920 | 3.39 | 80 | 1,426 | 12,619 | 1,120 | 400 | - | - |
| 4/24 | 3.8 | 2.9 | 1,375 | 2.02 | 90 | 980 | 48,900 | 21,280 | 725 | - | - |
| 5/15 | 3.9 | 3.3 | 600 | 9.23 | 30 | 1,492 | 6,800 | 4,480 | 225 | 310 | 15,422 |
| 6/12 | 3.2 | 3.0 | 1,900 | 1.28 | 200 | 1,380 | 32,200 | 8,900 | 700 | 800 | 50 |
| 7/17 | - | 2.7 | 2,100 | 0.96 | 700 | 3,622 | 25,500 | 2,240 | 1,100 | - | 345 |
| 8/20 | - | 2.7 | 2,250 | 0.10 | 180 | 97 | 24,600 | 1,120 | 1,050 | - | 50 |
| 9/24 | - | 3.2 | 1,250 | 3.40 | 148 | 2,712 | 23,100 | 19,040 | 850 | - | 259 |

Sample No. 16
Stream No. 1-01-14 (2.31)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH8 #/day | ALKALINITY mg/l | Fe TOTAL ug/l | Fe++ ug/l | #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | #/day | mg/l | CI #/day |
|-------|----------|--------|-------|---------|------|-----------|-----------------|---------------|-----------|-------|-------|-----------------------|---------------|--------|------|----------|
| 1973 | | | | | | | | | | | | | | | | |
| 9/27 | 6.7 | 7.5 | 1,800 | 0.15 | 0 | - | 230 | 75,000 | 4,000 | 3 | 450 | 364 | 641 | 518 | - | - |
| 11/ 2 | 6.3 | 6.0 | 500 | 5.08 | 12 | 329 | 10 | 3,585 | 0 | - | 160 | 4,381 | 1,000 | 27,381 | - | - |
| 11/27 | 6.4 | 6.0 | 300 | 9.31 | 20 | 1,004 | 20 | 1,522 | 0 | - | 150 | 7,527 | 1,000 | 50,181 | - | - |
| 12/11 | 6.7 | 5.6 | 560 | 2.46 | 42 | 557 | 30 | 1,522 | 0 | - | 235 | 3,116 | 1,500 | 19,889 | - | - |
| 1974 | | | | | | | | | | | | | | | | |
| 1/24 | 7.5 | 6.3 | 530 | 5.11 | 8 | 220 | 34 | 2,013 | 0 | 0 | 235 | 6,473 | 1,200 | 33,051 | 25 | 689 |
| 2/26 | 6.1 | 6.1 | 550 | 2.79 | 12 | 180 | 24 | 1,531 | 1,120 | 17 | 215 | 3,233 | - | - | - | - |
| 3/28 | 7.5 | 6.0 | 1,000 | 2.38 | 14 | 75 | 62 | 334 | 1,120 | 14 | 310 | 1,671 | - | - | - | - |
| 4/24 | 8.8 | 5.5 | 750 | 0.95 | 24 | 123 | 30 | 2,600 | 0 | - | 420 | 2,151 | - | - | - | - |
| 5/15 | 5.8 | 5.5 | 490 | 3.82 | 6 | 124 | 20 | 1,000 | 0 | - | 150 | 3,088 | - | - | - | - |
| 6/20 | - | 6.0 | 2,300 | 0.19 | 68 | 70 | 112 | 3,900 | 0 | - | 700 | 717 | - | - | - | - |
| 7/17 | - | 5.6 | 1,700 | 0.11 | 60 | 36 | 36 | 2,200 | 0 | - | 1,025 | 608 | - | - | - | - |
| 8/20 | - | 7.3 | 1,450 | No Flow | 0 | - | 456 | 800 | 0 | - | 375 | - | - | - | - | - |
| 9/24 | - | 5.1 | 850 | 0.17 | 46 | 42 | 10 | 1,900 | 0 | - | 600 | 550 | - | - | - | - |

Sample No. 17
Stream No. 1-06 (0.00)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH8 #/day | ALKALINITY mg/l | Fe TOTAL ug/l | Fe++ ug/l | #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | #/day | mg/l | CI #/day |
|-------|----------|--------|-------|--------|------|-----------|-----------------|---------------|-----------|-------|-------|-----------------------|---------------|--------|------|----------|
| 1973 | | | | | | | | | | | | | | | | |
| 10/18 | 6.3 | 6.3 | - | 1.73 | 0 | - | 62 | 146 | 0 | - | 325 | 3,031 | - | - | - | - |
| 11/ 1 | 7.0 | 6.5 | 600 | 2.75 | 18 | 267 | 152 | 438 | 0 | - | 385 | 5,707 | 2,100 | 31,127 | - | - |
| 11/27 | 6.6 | 6.3 | 600 | 3.21 | 28 | 484 | 52 | 438 | 0 | - | 340 | 5,883 | 1,600 | 27,683 | - | - |
| 12/11 | 6.7 | 6.2 | 750 | 1.75 | 18 | 170 | 82 | 588 | 0 | - | 455 | 4,292 | 2,500 | 23,581 | - | - |
| 1974 | | | | | | | | | | | | | | | | |
| 1/29 | 6.7 | 6.1 | 950 | 1.83 | 10 | 99 | 80 | 741 | 0 | - | 525 | 5,178 | 2,000 | 19,727 | 50 | 493 |
| 2/20 | 6.8 | 6.6 | 1,150 | 1.18 | 20 | 127 | 90 | 588 | 0 | - | 325 | 2,067 | - | - | - | - |
| 3/28 | 10.0 | 6.5 | 1,100 | 1.10 | 0 | - | 100 | 593 | 0 | - | 600 | 3,557 | - | - | - | - |
| 4/30 | 10.5 | 6.8 | 1,400 | 1.12 | 16 | 97 | 112 | 2,300 | 0 | - | 1,025 | 6,188 | - | - | - | - |
| 5/16 | 6.2 | 6.1 | 1,250 | 1.12 | 2 | 12 | 84 | 700 | 0 | - | 450 | 2,717 | - | - | - | - |
| 6/18 | 5.7 | 6.8 | 1,700 | 0.71 | 10 | 38 | 138 | 200 | 0 | - | 850 | 3,253 | 900 | 3,444 | 50 | 191 |
| 7/18 | - | 6.5 | 1,900 | 0.45 | 36 | 87 | 108 | 500 | 0 | - | 1,200 | 2,911 | - | - | 5 | 12 |
| 8/21 | - | 7.2 | 1,900 | 0.40 | 0 | - | 138 | 1,100 | 0 | - | 1,125 | 2,426 | - | - | - | - |
| 9/24 | - | 6.8 | 1,550 | 0.56 | 10 | 30 | 90 | 200 | 0 | - | 1,200 | 3,622 | - | - | - | - |

Sample No. 18
Stream No. 1 (5.60)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | PH ₈ #/day | ALKALINITY mg/l | Fe TOTAL ug/l | Fe++ ug/l | Fe++ #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | CI mg/l |
|-------|----------|--------|-------|--------|------|-----------------------|-----------------|---------------|-----------|------------|-------|-----------------------|---------------|---------|
| 1973 | | | | | | | | | | | | | | |
| 11/27 | 5.2 | 3.5 | 760 | -- | 96 | -- | 0 | 21,124 | 15,680 | -- | 575 | -- | 1,500 | -- |
| 12/11 | 4.4 | 3.7 | 920 | 60.60 | 80 | 26,131 | 0 | 17,860 | 6,720 | 2,195 | 450 | 146,985 | 1,300 | 500 |
| 1974 | | | | | | | | | | | | | | |
| 1/29 | 3.8 | 3.4 | 1,250 | 25.28 | 134 | 18,259 | 0 | 35,665 | 24,640 | 3,357 | 400 | 54,504 | -- | 163,317 |
| 2/20 | 5.2 | 3.4 | 1,120 | 36.73 | 100 | 19,797 | 0 | 23,095 | 7,840 | 1,552 | 675 | 133,633 | -- | -- |
| 3/28 | 3.8 | 3.4 | 1,350 | 20.43 | 100 | 11,012 | 0 | 24,500 | 12,320 | 1,357 | 950 | 104,612 | -- | -- |
| 4/30 | 4.5 | 3.1 | 1,090 | 36.35 | 60 | 11,756 | 0 | 19,900 | 0 | -- | 350 | 68,574 | 550 | 107,760 |
| 5/16 | 3.8 | 3.0 | 1,700 | 11.27 | 200 | 12,149 | 0 | 44,200 | 34,720 | 2,109 | 850 | 51,634 | -- | -- |
| 6/18 | -- | 2.8 | 2,300 | 7.87 | 1000 | 42,419 | 0 | 40,600 | 19,040 | 808 | 1,200 | 50,903 | -- | -- |
| 7/18 | -- | 2.7 | 2,500 | 5.07 | 180 | 4,919 | 0 | 41,600 | 15,680 | 428 | 1,750 | 47,823 | -- | -- |
| 8/21 | -- | 3.4 | 1,500 | 13.14 | 116 | 8,216 | 0 | 38,900 | 41,440 | 2,935 | 1,200 | 84,990 | -- | -- |
| 9/24 | -- | | | | | | | | | | | | | |

Sample No. 19
Stream No. 1-08 (0.12)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | PH ₈ #/day | ALKALINITY mg/l | Fe TOTAL ug/l | Fe++ ug/l | Fe++ #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | CI mg/l |
|-------|----------|--------|-------|--------|------|-----------------------|-----------------|---------------|-----------|------------|-------|-----------------------|---------------|---------|
| 1973 | | | | | | | | | | | | | | |
| 7/17 | 3.8 | -- | -- | 0.96 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 7/19 | 3.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 7/31 | 3.3 | -- | 2,500 | 1.16 | 220 | 1,376 | -- | -- | -- | -- | -- | -- | -- | -- |
| 8/23 | 3.5 | 3.3 | 1,650 | 1.63 | 250 | 2,196 | 0 | 45,000 | 13,000 | 114 | 1,100 | 9,664 | -- | -- |
| 8/30 | 3.0 | 2.9 | 1,625 | -- | 310 | -- | 0 | 14,000 | 2,400 | -- | 1,300 | -- | -- | -- |
| 10/18 | 3.8 | 3.8 | -- | 3.19 | 178 | 3,061 | 0 | 38,050 | 0 | -- | 1,025 | 17,624 | -- | -- |
| 11/1 | 4.2 | 3.1 | 900 | 10.00 | 170 | 9,163 | 0 | 20,591 | 11,200 | 604 | 425 | 22,908 | 5,000 | 269,500 |
| 11/28 | 5.4 | 6.2 | 900 | 8.38 | 38 | 1,716 | 34 | 18,440 | 0 | -- | 650 | 29,359 | 650 | 29,359 |
| 12/11 | 4.2 | 3.2 | 1,020 | 4.69 | 194 | 4,904 | 0 | 28,288 | 25,760 | 651 | 600 | 15,167 | 2,200 | 55,614 |
| 1974 | | | | | | | | | | | | | | |
| 1/29 | 3.7 | 3.3 | 1,250 | 6.11 | 154 | 5,072 | 0 | 31,847 | 15,680 | 516 | 600 | 19,760 | 1,700 | 55,986 |
| 2/20 | 4.0 | 3.3 | 1,550 | 3.15 | 192 | 3,260 | 0 | 48,570 | 26,880 | 456 | 575 | 9,763 | -- | 8233 |
| 3/28 | 3.5 | 3.1 | 1,450 | 3.97 | 200 | 4,280 | 0 | 30,476 | 0 | -- | 875 | 18,724 | -- | -- |
| 4/30 | 4.4 | 3.4 | 1,300 | 2.94 | 140 | 2,219 | 0 | 24,500 | 20,160 | 319 | 925 | 14,658 | -- | -- |
| 5/16 | 6.0 | 6.0 | 2,100 | 3.66 | 44 | 868 | 60 | 11,900 | 0 | -- | 925 | 18,248 | 1,420 | 28,013 |
| 1974 | | | | | | | | | | | | | | |
| 6/18 | 3.5 | 3.0 | 1,800 | 1.97 | 300 | 3,185 | 0 | 51,200 | 44,800 | 476 | 1,025 | 10,884 | 1,000 | 10,618 |
| 7/18 | -- | 2.8 | 2,400 | 0.60 | 900 | 2,911 | 0 | 46,700 | 28,000 | 91 | 1,625 | 5,255 | -- | 25 |
| 8/20 | -- | 2.9 | 1,475 | 1.10 | 160 | 949 | 0 | 35,600 | 0 | -- | 1,125 | 6,670 | -- | 31 |
| 9/25 | -- | 3.4 | 1,450 | 1.07 | 184 | 1,061 | 0 | 46,800 | 30,240 | 174 | 1,300 | 7,497 | -- | -- |

Sample No. 20
Stream No. 1-10 (0.05)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | ph ₈ #/day | ALKALINITY mg/l | Fe TOTAL ug/l | Fe TOTAL #/day | ug/l | Fett #/day | mg/l | SO ₄ #/day | mg/l | HARDNESS mg/l | HARDNESS #/day | mg/l | CI #/day | | |
|-------|-------------|-----------|-------|--------|------|--------------------------|--------------------|------------------|-------------------|--------|---------------|-------|--------------------------|-------|------------------|-------------------|--------|-------------|---|--|
| 1973 | | | | | | | | | | | | | | | | | | | | |
| 7/17 | 3.7 | - | - | 1.34 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 7/19 | 3.6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 7/31 | 3.6 | - | 2,500 | 0.925 | 320 | 1,595 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 8/23 | 3.1 | 3.0 | 1,975 | 1.11 | 420 | 2,513 | - | 67,000 | 401 | 38,000 | 227 | 1,300 | 7,778 | - | - | - | - | - | - | |
| 8/30 | - | - | 2,200 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 9/12 | 3.4 | 2.9 | 2,400 | 0.55 | 540 | 1,601 | 0 | 110,000 | 326 | 45,000 | 133 | 1,800 | 5,336 | 1,450 | 4,299 | - | - | - | - | |
| 10/18 | 3.1 | 3.1 | - | 1.65 | 240 | 2,134 | 0 | 22,350 | 199 | 0 | - | 1,400 | 12,451 | - | - | - | - | - | - | |
| 11/1 | 3.8 | 3.0 | 1,000 | 5.09 | 60 | 1,646 | 0 | 27,130 | 744 | 19,040 | 522 | 650 | 17,833 | 1,250 | 34,294 | - | - | - | - | |
| 11/28 | 3.7 | 3.4 | 990 | 8.14 | 204 | 8,950 | 0 | 20,100 | 882 | 10,080 | 422 | 650 | 28,518 | 2,000 | 87,749 | - | - | - | - | |
| 12/11 | 3.5 | 3.1 | 1,210 | 2.10 | 440 | 4,980 | 0 | 42,423 | 480 | 38,080 | 431 | 1,050 | 11,885 | 2,500 | 28,298 | - | - | - | - | |
| 1974 | | | | | | | | | | | | | | | | | | | | |
| 1/30 | 3.5 | 3.1 | 1,500 | 4.45 | 270 | 6,476 | 0 | 33,340 | 800 | 25,760 | 618 | 1,075 | 25,784 | 2,000 | 47,971 | 500 | 11,993 | - | - | |
| 2/20 | 3.2 | 3.0 | 2,000 | 1.78 | 404 | 3,876 | 0 | 80,475 | 772 | 60,480 | 580 | 775 | 7,436 | - | - | - | - | - | - | |
| 3/28 | 3.4 | 3.0 | 1,575 | 3.80 | 280 | 5,735 | 0 | 43,810 | 897 | 0 | - | 975 | 19,970 | - | - | - | - | - | - | |
| 4/30 | 3.0 | 2.9 | 2,000 | 1.46 | 320 | 2,518 | 0 | 57,200 | 450 | 28,000 | 220 | 1,300 | 10,230 | - | - | - | - | - | - | |
| 1974 | | | | | | | | | | | | | | | | | | | | |
| 5/16 | 3.1 | 2.7 | 1,800 | 3.62 | 200 | 3,902 | 0 | 42,900 | 837 | 0 | - | 925 | 18,048 | 600 | 11,707 | - | - | - | - | |
| 6/18 | 3.1 | 2.8 | 2,400 | 1.29 | 500 | 3,477 | 0 | 95,000 | 661 | 86,600 | 620 | 1,350 | 9,387 | 1,300 | 9,039 | 25 | 174 | - | - | |
| 7/18 | - | 2.6 | 2,750 | 0.81 | 800 | 3,493 | 0 | 91,300 | 399 | 22,400 | 98 | 1,800 | 8,077 | - | - | 25 | 109 | - | - | |
| 8/20 | - | 2.6 | 2,900 | 0.65 | 380 | 1,331 | 0 | 85,200 | 298 | 1,120 | 4 | 1,850 | 6,306 | - | - | - | - | - | - | |
| 9/24 | - | 3.0 | 2,100 | 0.59 | 600 | 1,908 | 0 | 83,600 | 266 | 64,960 | 207 | 1,725 | 5,486 | - | - | - | - | - | - | |

Sample No. 21
Stream No. 1-08 (0.75)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | ph ₈ #/day | ALKALINITY mg/l | Fe TOTAL ug/l | Fe TOTAL #/day | ug/l | Fett #/day | mg/l | SO ₄ #/day | mg/l | HARDNESS mg/l | HARDNESS #/day | mg/l | CI #/day | | |
|-------|-------------|-----------|-------|--------|------|--------------------------|--------------------|------------------|-------------------|--------|---------------|-------|--------------------------|-------|------------------|-------------------|--------|-------------|---|---|
| 1973 | | | | | | | | | | | | | | | | | | | | |
| 8/30 | - | - | 2,400 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 9/6 | 3.1 | 2.9 | 2,400 | 1.36 | 280 | 2,053 | 0 | 46,000 | 337 | 1,000 | 7 | 1,300 | 9,530 | 1,460 | 10,702 | - | - | - | - | |
| 11/1 | 4.0 | 3.2 | 840 | 9.46 | 14 | 714 | 0 | 22,186 | 1131 | 11,200 | 571 | 475 | 24,200 | 2,500 | 127,474 | - | - | - | - | |
| 12/11 | 4.2 | 3.3 | 1,020 | - | 200 | - | 0 | 29,709 | - | 15,680 | - | 750 | - | 2,500 | - | - | - | - | - | |
| 1974 | | | | | | | | | | | | | | | | | | | | |
| 1/30 | 3.7 | 3.3 | 1,150 | 5.92 | 210 | 6,701 | 0 | 85,050 | 2714 | 19,040 | 608 | 850 | 27,122 | 1,400 | 44,672 | 250 | 47,225 | - | - | |
| 2/27 | 4.1 | 3.2 | 1,300 | 3.79 | 156 | 3,187 | 0 | 45,795 | 936 | 35,840 | 732 | 650 | 13,278 | - | - | - | - | - | - | |
| 3/28 | 3.5 | 3.1 | 1,390 | 2.70 | 140 | 2,037 | 0 | 30,476 | 444 | 0 | - | 825 | 12,006 | - | - | - | - | - | - | |
| 5/1 | 3.7 | 3.3 | 1,100 | 7.20 | 120 | 4,657 | 0 | 16,800 | 652 | 11,200 | 435 | 600 | 23,285 | - | - | - | - | - | - | |
| 5/16 | 3.2 | 2.9 | 1,400 | 4.39 | 100 | 2,366 | 0 | 27,000 | 639 | 0 | - | 650 | 15,380 | - | - | - | - | - | - | |
| 6/18 | 3.5 | 2.9 | 2,000 | 1.78 | 350 | 3,358 | 0 | 64,300 | 617 | 56,000 | 537 | 1,000 | 9,594 | - | - | - | - | - | - | |
| 7/18 | - | 2.6 | 2,300 | 1.85 | 1200 | 11,966 | 0 | 54,500 | 543 | 39,200 | 391 | 1,550 | 15,456 | - | - | - | - | - | - | |
| 8/22 | - | 2.8 | 2,300 | 1.16 | 240 | 1,501 | 0 | 54,800 | 343 | 2,240 | 14 | 1,550 | 9,691 | - | - | - | - | - | - | |
| 9/25 | - | 3.3 | 1,900 | 1.68 | 214 | 1,938 | 0 | 63,100 | 571 | 32,480 | 294 | 1,500 | 13,583 | - | - | - | - | - | - | |

Sample No. 23
Stream No. 1-08-02 (0.05)

| DATE | pH | S.C. | c.f.s. | pH ₈ | ALKALINITY | Fe TOTAL | Fett | SO ₄ | HARDNESS | CI |
|-------|-------|-------|--------|-----------------|------------|----------|-------|-----------------|----------|--------|
| | field | | mg/l | #/day | mg/l | ug/l | #/day | mg/l | mg/l | mg/l |
| 1973 | | | | | | | | | | |
| 8/23 | 5.9 | 450 | 1.0 | 0 | 10 | 500 | 3 | 200 | 1,078 | - |
| 9/6 | 5.7 | 900 | 0.54 | 0 | 50 | 2,100 | 6 | 410 | 1,193 | - |
| 11/1 | 6.2 | 440 | 3.55 | 8 | 12 | 588 | 11 | 265 | 5,071 | 3,072 |
| 11/28 | 6.1 | 520 | 2.02 | 12 | 64 | 4,150 | 45 | 225 | 2,450 | 30,615 |
| 12/11 | 6.3 | 450 | 2.68 | 14 | 20 | 894 | 129 | 320 | 4,608 | 17,420 |
| 1974 | | | | | | | | | | |
| 1/30 | 6.0 | 650 | 1.45 | 12 | 38 | 1,047 | 8 | 395 | 3,087 | 25,920 |
| 2/27 | 7.0 | 660 | 1.81 | 2 | 28 | 2,346 | 23 | 365 | 1,500 | 11,723 |
| 3/28 | 7.0 | 700 | 0.77 | 4 | 17 | 1,429 | 6 | 275 | 3,561 | 50 |
| 5/1 | 6.8 | 650 | 3.32 | 8 | 22 | 1,300 | 23 | 350 | 1,141 | - |
| 5/16 | 5.9 | 800 | 1.12 | 12 | 14 | 1,400 | 8 | 300 | 6,263 | - |
| 6/18 | 5.9 | 1,000 | 0.89 | 18 | 36 | 1,500 | 7 | 450 | 1,811 | - |
| 7/18 | - | 1,010 | 0.45 | 30 | 14 | 1,600 | 4 | 600 | 2,159 | - |
| 8/20 | - | 1,100 | 0.51 | 4 | 20 | 1,900 | 5 | 575 | 1,455 | - |
| 9/25 | - | 850 | 0.70 | 16 | 36 | 1,300 | 5 | 575 | 1,581 | - |

Sample No. 24
Stream No. 1-08 (2.45)

| DATE | pH | S.C. | c.f.s. | pH ₈ | ALKALINITY | Fe TOTAL | Fett | SO ₄ | HARDNESS | CI |
|-------|-------|-------|--------|-----------------|------------|----------|-------|-----------------|----------|-------|
| | field | | mg/l | #/day | mg/l | ug/l | #/day | mg/l | mg/l | mg/l |
| 1973 | | | | | | | | | | |
| 7/18 | 3.4 | - | - | - | - | - | - | - | - | - |
| 7/20 | 3.7 | - | - | - | - | - | - | - | - | - |
| 9/6 | 3.0 | 1,270 | 1.0 | 1,563 | 0 | 34,000 | 183 | 600 | 3,234 | 2,426 |
| 11/1 | 3.6 | 500 | 0.64 | 304 | 0 | 2,515 | 9 | 300 | 1,035 | 5,174 |
| 12/11 | 3.4 | 600 | - | 160 | 0 | 5,997 | - | 325 | 800 | - |
| 1974 | | | | | | | | | | |
| 2/27 | 3.1 | 900 | 0.45 | 359 | 0 | 14,741 | 36 | 200 | 485 | - |
| 3/28 | 3.1 | 950 | 0.34 | 200 | 0 | 13,810 | 25 | 350 | 641 | - |
| 5/1 | 3.1 | 930 | 1.40 | 1,132 | 0 | 7,700 | 58 | 240 | 1,811 | - |
| 5/16 | 3.1 | 900 | 0.43 | 140 | 0 | 5,300 | 12 | 225 | 521 | - |
| 6/18 | 3.0 | 1,100 | 0.00 | 180 | 0 | 12,400 | - | 450 | - | - |
| 7/18 | - | 1,600 | 0.00 | 500 | 0 | 4,500 | - | 1000 | - | - |

Sample No. 24A
Stream No. 1-08-04(0.09)

| DATE | pH | S.C. | c.f.s. | pH ₈ | ALKALINITY | Fe TOTAL | Fett | SO ₄ | HARDNESS | CI |
|------|-------|-------|--------|-----------------|------------|----------|-------|-----------------|----------|------|
| | field | | mg/l | #/day | mg/l | ug/l | #/day | mg/l | mg/l | mg/l |
| 1973 | | | | | | | | | | |
| 9/23 | 2.6 | 2,000 | - | 380 | 0 | 47,000 | - | 1,000 | - | - |
| 8/30 | 2.5 | 2,200 | - | 380 | - | 45,000 | - | 1,000 | - | - |
| 1974 | | | | | | | | | | |
| 2/27 | 3.0 | 1,325 | - | 296 | 0 | 58,650 | - | 650 | - | - |

Sample No. 25
Stream No. 1-10 (1.88)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe TOTAL ug/l | Fe++ ug/l | Fe++ #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | CI mg/l | CI #/day |
|-------|----------|--------|-------|--------|------|-----------------------|-----------------|---------------|-----------|------------|-------|-----------------------|---------------|---------|----------|
| 1973 | | | | | | | | | | | | | | | |
| 8/23 | 3.2 | 3.5 | 1,290 | 1.39 | 160 | 1,199 | 0 | 3,500 | 700 | 5 | 730 | 5,469 | - | - | - |
| 8/30 | 5.7 | 3.3 | 1,490 | - | 190 | - | 0 | 600 | 500 | - | 890 | - | - | - | - |
| 11/2 | 3.7 | 3.2 | 1,090 | 1.91 | 140 | 1,441 | 0 | 3,585 | 0 | - | 575 | 5,920 | 2,900 | - | 29,855 |
| 11/28 | 4.1 | 4.6 | 650 | 2.79 | 66 | 993 | 2 | 1,844 | 0 | - | 360 | 5,414 | 1,500 | - | - |
| 12/11 | 3.7 | 3.5 | 850 | 1.65 | 160 | 1,423 | 0 | 3,585 | 0 | - | 475 | 4,224 | 1,800 | - | 16,008 |
| 1974 | | | | | | | | | | | | | | | |
| 1/30 | 3.7 | 3.7 | 1,000 | 3.31 | 130 | 2,319 | 0 | 2,176 | 0 | - | 400 | 7,136 | 1,400 | 250 | 4,460 |
| 2/27 | 3.5 | 3.6 | 1,090 | 2.89 | 84 | 1,308 | 0 | 3,585 | 0 | - | 400 | 6,231 | - | - | - |
| 3/29 | 4.0 | 4.0 | 800 | 2.77 | 50 | 747 | 0 | 2,143 | 0 | - | 475 | 7,092 | - | - | - |
| 5/1 | 4.4 | 4.1 | 900 | 1.31 | 58 | 410 | 0 | 1,800 | 0 | - | 550 | 3,883 | - | - | - |
| 5/22 | 3.5 | 3.4 | 1,250 | 1.75 | 100 | 943 | 0 | 3,200 | 0 | - | 675 | 6,367 | - | - | - |
| 6/17 | 4.1 | 3.9 | 1,190 | 0.56 | 108 | 326 | 0 | 3,600 | 2,240 | 7 | 725 | 2,188 | - | - | - |
| 7/24 | - | 3.2 | 1,450 | 0.47 | 202 | 512 | 0 | 9,200 | 8,960 | 22 | 625 | 1,583 | - | - | - |
| 8/20 | - | 3.4 | 1,550 | 0.32 | 112 | 193 | 0 | 2,600 | 0 | - | 875 | 1,505 | - | - | - |
| 9/26 | - | 3.8 | 1,300 | 0.68 | 132 | 484 | 0 | 2,700 | 6,720 | 25 | 1,025 | 3,762 | - | - | - |

Sample No. 26
Stream No. 1-10-02 (0.02)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe TOTAL ug/l | Fe++ ug/l | Fe++ #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | CI mg/l | CI #/day |
|-------|----------|--------|-------|--------|------|-----------------------|-----------------|---------------|-----------|------------|------|-----------------------|---------------|---------|----------|
| 1973 | | | | | | | | | | | | | | | |
| 8/30 | - | - | 890 | - | - | - | - | - | - | - | - | - | - | - | - |
| 11/2 | 5.0 | 4.5 | 540 | 0.68 | 28 | 103 | 0 | 588 | 0 | - | 295 | 1,081 | 1,400 | - | - |
| 11/28 | - | 6.0 | - | 1.30 | 12 | 84 | 10 | 741 | 0 | - | 165 | 1,156 | 600 | - | - |
| 12/11 | 5.9 | 5.6 | 400 | 0.22 | 20 | 24 | 10 | 588 | 0 | - | 265 | 314 | 1,100 | - | - |
| 1974 | | | | | | | | | | | | | | | |
| 1/30 | 5.4 | 5.2 | 480 | 0.35 | 10 | 19 | 6 | 588 | 0 | - | 220 | 415 | 800 | 50 | 34 |
| 2/27 | 5.6 | 5.7 | 500 | 0.23 | 4 | 5 | 16 | 741 | 0 | - | 280 | 347 | - | - | - |
| 3/29 | 6.4 | 5.6 | 325 | 0.49 | 4 | 11 | 12 | 1,667 | 0 | - | 150 | 396 | - | - | - |
| 5/1 | 7.0 | 5.8 | 400 | 0.24 | 14 | 18 | 20 | 300 | 0 | - | 225 | 291 | - | - | - |
| 5/22 | 6.2 | 5.7 | 700 | 0.06 | 6 | 2 | 10 | 200 | 0 | - | 350 | 113 | - | - | - |
| 6/17 | 5.7 | 5.8 | 800 | 0.09 | 12 | 6 | 12 | 200 | 0 | - | 300 | 146 | - | - | - |
| 7/24 | - | 4.5 | 925 | 0.14 | 22 | 17 | 0 | 14,100 | 5,600 | 4 | 575 | 431 | - | - | - |
| 8/20 | - | 4.3 | 1,050 | 0.14 | 18 | 14 | 0 | 14,900 | 0 | - | 525 | 394 | - | - | - |
| 9/26 | - | 4.7 | 850 | 0.17 | 20 | 18 | 10 | 300 | 0 | - | 625 | 575 | - | - | - |

Sample No. 27
Stream No. 1-10 (2.38)

| DATE | pH | S.C. | c.f.s. | pH ₈ | ALKALINITY | Fe TOTAL | Fett | SO ₄ | HARDNESS | CI |
|-------|-------|-------|--------|-----------------|------------|----------|-------|-----------------|----------|-------|
| | field | | mg/l | #/day | mg/l | ug/l | #/day | mg/l | mg/l | mg/l |
| 1973 | | | | | | | | | | |
| 7/20 | 4.1 | - | - | - | - | - | - | - | - | - |
| 11/1 | 4.4 | 600 | 0.62 | 1,120 | 0 | 3,040 | 10 | 375 | 2,000 | - |
| 11/28 | 4.6 | 440 | 0.82 | 48 | 2 | 2,010 | 9 | 260 | 1,400 | - |
| 12/11 | 4.7 | 670 | 0.20 | 160 | 4 | 6,438 | 7 | 400 | 1,600 | - |
| 1974 | | | | | | | | | | |
| 1/30 | 3.6 | 1,020 | 0.75 | 94 | 0 | 2,864 | 12 | 550 | 1,200 | 250 |
| 2/27 | 4.2 | 925 | 0.18 | 84 | 8 | 8,365 | 8 | 425 | - | 1,011 |
| 3/29 | 5.2 | 550 | 0.48 | 30 | 6 | 2,240 | 6 | 200 | - | - |
| 5/1 | 4.8 | 700 | 0.27 | 60 | 8 | 2,900 | 4 | 400 | - | - |
| 5/22 | 3.6 | 1,100 | 0.18 | 116 | 0 | 5,000 | 5 | 200 | - | - |
| 6/17 | 3.8 | 1,200 | 0.10 | 178 | 0 | 5,800 | 3 | 600 | - | - |
| 7/24 | - | 1,525 | 0.10 | 300 | 0 | 6,800 | 4 | 975 | - | - |
| 8/20 | - | 1,650 | 0.10 | 238 | 0 | 6,900 | 4 | 1100 | - | - |
| 9/26 | - | 1,100 | 0.10 | 140 | 0 | 6,600 | 4 | 925 | - | - |

Sample No. 28
Stream No. 1-11 (0.21)

| DATE | pH | S.C. | c.f.s. | pH ₈ | ALKALINITY | Fe TOTAL | Fett | SO ₄ | HARDNESS | CI |
|-------|-------|-------|--------|-----------------|------------|----------|--------|-----------------|----------|---------|
| | field | | mg/l | #/day | mg/l | ug/l | #/day | mg/l | mg/l | mg/l |
| 1973 | | | | | | | | | | |
| 8/9 | 3.6 | 3,800 | 1.58 | 256 | - | - | - | - | - | - |
| 8/23 | 3.8 | 2,400 | - | 180 | 0 | 77,000 | 45,000 | 1,600 | - | - |
| 10/18 | 3.3 | - | 4.32 | 180 | 0 | 12,518 | 292 | 1,375 | - | - |
| 11/2 | 5.4 | 1,200 | 10.12 | 40 | - | 48,358 | 2,638 | 950 | 3,750 | 204,551 |
| 11/29 | 5.5 | 1,100 | 9.13 | 76 | 0 | 23,455 | 1,154 | 650 | 2,200 | 108,264 |
| 12/11 | 6.1 | 1,250 | 5.09 | 240 | 0 | 38,044 | 1,044 | 1,150 | 3,600 | 98,766 |
| 1974 | | | | | | | | | | |
| 1/29 | 4.5 | 1,600 | 10.68 | 166 | 0 | 32,195 | 1,853 | 850 | 2,500 | 143,913 |
| 2/19 | 3.4 | 2,350 | 5.95 | 210 | 0 | 80,475 | 2,581 | 1,300 | - | 500 |
| 3/30 | 4.8 | 1,100 | 14.79 | 70 | 0 | 22,619 | 1,803 | 600 | - | 28,783 |
| 4/25 | 5.3 | 2,200 | 8.89 | 90 | 0 | 76,800 | 47,040 | 49,115 | - | - |
| 5/16 | 5.1 | 1,800 | 6.59 | 120 | 0 | 40,000 | 1,421 | 1,025 | - | - |
| 6/18 | 4.4 | 2,400 | 2.11 | 250 | 0 | 70,900 | 806 | 1,025 | 1,150 | 40,848 |
| 7/18 | - | 2,900 | 2.45 | 600 | 0 | 61,400 | 811 | 2,225 | 1,600 | 18,197 |
| 8/21 | - | 3,200 | 1.62 | 240 | 0 | 50,400 | 440 | 1,975 | - | 50 |
| 9/25 | - | 2,000 | 4.32 | 148 | 0 | 58,300 | 1,357 | 1,700 | - | 660 |

Sample No. 29
Stream No. 1-11-01 (0.01)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe TOTAL ug/l | Fe TOTAL #/day | ug/l | Fett #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | HARDNESS #/day | mg/l | CI #/day |
|-------|----------|--------|-------|--------|-------|-----------------------|-----------------|---------------|----------------|--------|------------|-------|-----------------------|---------------|----------------|------|----------|
| 1973 | | | | | | | | | | | | | | | | | |
| 8/23 | 2.7 | 2.6 | 2,600 | - | 1,100 | - | 0 | 190,000 | - | 2,400 | - | 1,800 | - | - | - | - | - |
| 10/18 | 5.6 | 5.6 | - | 0.82 | 12 | 53 | 172 | 2,010 | 9 | 0 | - | 525 | 2,320 | - | - | - | - |
| 11/2 | 4.1 | 3.6 | 920 | 1.63 | 74 | 650 | 0 | 5,146 | 45 | 4,480 | 39 | 450 | 3,954 | 2,800 | 24,600 | - | - |
| 11/29 | 3.8 | 3.4 | 890 | 1.88 | 80 | 811 | 0 | 8,110 | 82 | 0 | - | 475 | 4,813 | 1,700 | 17,226 | - | - |
| 12/11 | 5.0 | 4.1 | 800 | - | 84 | - | 0 | 16,897 | - | 5,600 | - | 600 | - | 2,500 | - | - | - |
| 1974 | | | | | | | | | | | | | | | | | |
| 1/29 | 4.6 | 4.3 | 1,050 | 1.93 | 54 | 562 | 0 | 5,777 | 60 | 1,120 | 12 | 525 | 5,461 | 1,800 | 18,725 | 250 | 2,601 |
| 2/19 | 6.8 | 5.3 | 1,300 | 0.79 | 24 | 102 | 10 | 15,997 | 68 | 3,360 | 14 | 550 | 2,342 | - | - | - | - |
| 3/30 | 4.4 | 4.4 | 895 | 1.65 | 50 | 445 | 0 | 14,286 | 127 | 2,240 | 20 | 425 | 3,780 | - | - | - | - |
| 4/25 | 7.5 | 6.4 | 1,275 | 0.60 | 16 | 52 | 48 | 4,900 | 16 | 0 | - | 650 | 2,102 | - | - | - | - |
| 5/16 | 4.0 | 4.0 | 1,200 | 1.23 | 40 | 265 | 0 | 9,100 | 60 | 0 | - | 475 | 3,149 | - | - | - | - |
| 6/18 | 4.7 | 4.1 | 1,600 | 0.53 | 60 | 171 | 0 | 11,800 | 34 | 10,080 | 29 | 850 | 2,428 | - | - | - | - |
| 7/18 | - | 3.3 | 1,900 | 0.23 | 250 | 310 | - | 18,600 | 23 | 0 | - | 1,425 | 1,767 | - | - | - | - |
| 8/21 | - | 3.7 | 1,800 | 0.18 | 28 | 27 | 0 | 4,200 | 4 | 0 | - | 1,125 | 1,091 | - | - | - | - |
| 9/25 | - | 6.4 | 1,350 | 0.50 | 12 | 32 | 44 | 3,800 | 10 | 0 | - | 1,100 | 2,970 | - | - | - | - |

Sample No. 30
Stream No. 1 (6.73)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe TOTAL ug/l | Fe TOTAL #/day | ug/l | Fett #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | HARDNESS #/day | mg/l | CI #/day |
|-------|----------|--------|-------|--------|------|-----------------------|-----------------|---------------|----------------|--------|------------|-------|-----------------------|---------------|----------------|------|----------|
| 1973 | | | | | | | | | | | | | | | | | |
| 7/17 | 4.9 | - | --- | 2.63 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 7/19 | 4.3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 7/20 | 4.7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 10/18 | 4.4 | 4.4 | - | 6.3 | 60 | 2,037 | 0 | 1,046 | 35 | 0 | - | 425 | 14,432 | - | - | - | - |
| 11/2 | 6.1 | 5.8 | 370 | 45.84 | 20 | 4,942 | 4 | 3,960 | 978 | 2,240 | 553 | 185 | 45,709 | 1,000 | 247,078 | - | - |
| 11/29 | 6.2 | 5.5 | 350 | 43.95 | 12 | 2,843 | 4 | 4,150 | 983 | 0 | 0 | 150 | 35,534 | 700 | 165,823 | - | - |
| 12/12 | 6.0 | 4.8 | 400 | 15.75 | 20 | 1,698 | 6 | 9,159 | 778 | 7,840 | 666 | 200 | 16,979 | 700 | 59,425 | - | - |
| 1974 | | | | | | | | | | | | | | | | | |
| 1/29 | 5.7 | 4.8 | 470 | 35.92 | 12 | 2,323 | 0 | 5,355 | 1,037 | 2,240 | 434 | 175 | 33,882 | 900 | 174,248 | 250 | 48,402 |
| 2/20 | 5.7 | 4.9 | 725 | 12.43 | 44 | 2,948 | 8 | 17,782 | 1,191 | 12,320 | 825 | 225 | 15,074 | - | - | - | - |
| 3/30 | 5.6 | 5.0 | 400 | 48.42 | 8 | 2,062 | 6 | 4,524 | 1,181 | 1,120 | 292 | 135 | 34,789 | - | - | - | - |
| 4/25 | 5.8 | 4.0 | 825 | 11.46 | 62 | 3,830 | 0 | 16,900 | 1,044 | 8,960 | 553 | 300 | 18,531 | - | - | - | - |
| 5/16 | 6.0 | 4.2 | 570 | 15.41 | 18 | 1,495 | 0 | 8,400 | 698 | 0 | 0 | 100 | 8,306 | 400 | 33,224 | 0 | - |
| 6/18 | 5.2 | 3.4 | 1,080 | 5.46 | 60 | 1,776 | 0 | 38,300 | 1,127 | 30,240 | 890 | 500 | 14,715 | 1,100 | 32,372 | 50 | 1,471 |
| 8/21 | - | 2.9 | 1,500 | 2.86 | 600 | 9,252 | 0 | 46,000 | 709 | 16,800 | 259 | 925 | 14,263 | - | - | - | - |
| 8/21 | - | 2.8 | 1,800 | 1.93 | 120 | 1,248 | 0 | 74,600 | 776 | 61,600 | 641 | 1,050 | 10,920 | - | - | - | - |
| 9/25 | - | 3.9 | 900 | 4.80 | 74 | 1,915 | 0 | 23,200 | 600 | 21,280 | 551 | 700 | 18,110 | - | - | - | - |

Sample No. 31
Stream No. 1-12 (0.07)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe TOTAL ug/l | Fe++ ug/l | #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | #/day | mg/l | CI #/day |
|-------|----------|--------|-------|--------|------|-----------------------|-----------------|---------------|-----------|-------|-------|-----------------------|---------------|--------|------|----------|
| 1973 | | | | | | | | | | | | | | | | |
| 7/19 | 3.9 | - | 2,500 | 0.172 | 240 | 222 | - | - | - | - | - | - | - | - | - | - |
| 8/1 | 3.6 | - | 2,400 | 0.10 | 360 | 194 | 0 | 7,400 | 1,000 | 1 | 1,800 | 970 | - | - | - | - |
| 8/23 | 3.4 | 3.4 | 2,500 | 0.52 | 350 | 981 | 0 | 8,800 | 1,200 | 3 | 2,000 | 5606 | 1,850 | 5,185 | - | - |
| 9/12 | 3.65 | 3.3 | 2,500 | 0.47 | 220 | 557 | 0 | 8,400 | 3,360 | 9 | 1,225 | 3103 | 6,000 | 15,200 | - | - |
| 11/2 | 3.7 | 3.2 | 1,850 | 0.27 | 216 | 314 | 0 | 9,714 | - | - | 1,050 | 1528 | 3,900 | 5,676 | - | - |
| 11/29 | 3.7 | 3.3 | 1,850 | 0.23 | 274 | 340 | 0 | 12,864 | 6,720 | 8 | 1,300 | 1612 | 4,000 | 4,959 | - | - |
| 12/12 | 3.7 | 3.4 | 1,800 | 0.23 | 274 | 340 | 0 | 12,864 | 6,720 | 8 | 1,300 | 1612 | 4,000 | 4,959 | - | - |
| 1974 | | | | | | | | | | | | | | | | |
| 1/30 | 3.7 | 3.6 | 1,900 | 0.36 | 234 | 454 | 0 | 6,439 | 2,240 | 4 | 1,075 | 2086 | 3,500 | 6,791 | 250 | 485 |
| 2/20 | 3.5 | 3.4 | 2,400 | 0.33 | 240 | 427 | 0 | 11,203 | 2,240 | 4 | 1,025 | 1823 | - | - | - | - |
| 3/29 | 3.5 | 3.5 | 1,900 | 0.23 | 254 | 315 | 0 | 5,952 | 2,240 | 3 | 1,275 | 1581 | - | - | - | - |
| 4/25 | 3.4 | 3.4 | 2,400 | 0.25 | 400 | 539 | 0 | 9,300 | 2,240 | 3 | 1,350 | 1819 | - | - | - | - |
| 5/16 | 3.5 | 3.2 | 2,040 | 0.25 | 300 | 404 | 0 | 7,700 | 0 | - | 1,225 | 1651 | - | - | - | - |
| 6/18 | 3.4 | 3.2 | 2,500 | 0.10 | 250 | 135 | 0 | 18,400 | 11,200 | 6 | 1,875 | 1011 | - | - | - | - |
| 7/18 | - | 2.9 | 2,700 | 0.13 | 1100 | 770 | 0 | 7,100 | 0 | - | 1,950 | 1365 | - | - | - | - |
| 8/21 | - | 2.9 | 3,000 | 0.06 | 230 | 74 | 0 | 7,400 | 0 | - | 1,975 | 632 | - | - | - | - |
| 9/25 | - | 3.5 | 2,400 | 0.16 | 188 | 162 | 0 | 9,800 | 4,480 | 4 | 2,300 | 1978 | - | - | - | - |

Sample No. 32
Stream No. 1 (7.21)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe TOTAL ug/l | Fe++ ug/l | #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | #/day | mg/l | CI #/day |
|-------|----------|--------|-------|--------|-------|-----------------------|-----------------|---------------|-----------|-------|-------|-----------------------|---------------|---------|------|----------|
| 1973 | | | | | | | | | | | | | | | | |
| 7/19 | 5.5 | - | 1,100 | 3.978 | 90 | 1,930 | - | - | - | - | - | - | - | - | - | - |
| 7/31 | 5.9 | - | 300 | 40.57 | 12 | 2,624 | 10 | 2,187 | 1,120 | 245 | 135 | 29,521 | 800 | 174,938 | - | - |
| 11/2 | 6.0 | 6.1 | 330 | 32.80 | 8 | 1,415 | 10 | 1,768 | 0 | - | 115 | 20,331 | 600 | 106,075 | - | - |
| 11/28 | 6.1 | 5.6 | 360 | - | 14 | - | 16 | 4,741 | 0 | - | 195 | - | 1000 | - | - | - |
| 12/12 | 6.8 | 5.7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1974 | | | | | | | | | | | | | | | | |
| 1/30 | 5.8 | 5.6 | 410 | 27.99 | 10 | 1,509 | 14 | 2,112 | 2,240 | 338 | 150 | 22,630 | 800 | 120,693 | 50 | 7,543 |
| 2/19 | 5.7 | 5.4 | 660 | 8.81 | 28 | 1,330 | 16 | 760 | 4,480 | 213 | 75 | 3,561 | - | - | - | - |
| 3/30 | 6.9 | 5.6 | 275 | 44.29 | 4 | 955 | 16 | 3,820 | 2,240 | 535 | 115 | 27,453 | - | - | - | - |
| 4/25 | 7.0 | 5.0 | 600 | 9.80 | 28 | 1,479 | 8 | 423 | 6,720 | 355 | 175 | 9,244 | - | - | - | - |
| 5/22 | 5.6 | 5.1 | 650 | 4.40 | 4 | 95 | 8 | 190 | 5,600 | 133 | 300 | 7,115 | - | - | - | - |
| 6/18 | 5.4 | 5.0 | 760 | 4.29 | 60 | 1,387 | 14 | 324 | 10,080 | 233 | 350 | 8,093 | - | - | - | - |
| 7/18 | - | 2.9 | 1,050 | 3.65 | 2,300 | 45,241 | 0 | 17,700 | 0 | - | 2,325 | 45,733 | - | - | - | - |
| 8/20 | - | 3.3 | 1,250 | 3.60 | 52 | 1,009 | 0 | 30,300 | 13,400 | 260 | 650 | 12,610 | - | - | - | - |
| 9/25 | - | 5.4 | 650 | 5.00 | 38 | 1,024 | 14 | 377 | 6,720 | 181 | 425 | 11,454 | - | - | - | - |

Sample No. 32A
Point Source No. 32A

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe TOTAL ug/l | Fe++ ug/l | #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | mg/l | CI #/day |
|------|----------|--------|-------|--------|-------|-----------------------|-----------------|---------------|-----------|-------|-------|-----------------------|---------------|------|----------|
| 1974 | | | | | | | | | | | | | | | |
| 1/30 | 3.3 | 3.5 | 2,100 | - | 732 | - | 0 | 3,040 | 0 | - | 2,025 | - | 2,100 | - | 100 |
| 2/19 | 3.4 | 3.4 | 2,500 | - | 860 | - | 0 | 3,402 | 0 | - | 1,350 | - | - | - | - |
| 3/30 | 3.7 | 4.3 | 1,600 | - | 252 | - | 0 | 3,095 | 0 | - | 875 | - | - | - | - |
| 4/25 | 8.1 | 5.9 | 2,600 | - | 40 | - | 134 | 1,300 | 0 | - | 1,075 | - | - | - | - |
| 5/22 | 6.2 | 5.9 | 2,090 | - | 160 | - | 160 | 2,900 | 0 | - | 1,250 | - | - | - | - |
| 6/18 | 5.8 | 6.1 | 2,700 | - | 54 | - | 160 | 12,800 | 7,840 | - | 1,200 | - | - | - | - |
| 7/18 | - | 3.0 | 2,800 | - | - | - | - | - | - | - | - | - | - | - | - |
| 8/20 | - | 2.9 | 3,150 | - | 1,410 | - | 0 | 26,500 | 0 | - | 2,474 | - | - | - | - |
| 9/25 | - | 3.4 | 2,500 | - | 1,180 | - | 0 | 11,400 | 2,240 | - | 2,500 | - | - | - | - |

Sample No. 32B
Point Source No. 32B

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe TOTAL ug/l | Fe++ ug/l | #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | mg/l | CI #/day |
|------|----------|--------|-------|--------|-------|-----------------------|-----------------|---------------|-----------|-------|-------|-----------------------|---------------|------|----------|
| 1974 | | | | | | | | | | | | | | | |
| 1/30 | 5.9 | 5.9 | 2,200 | - | 42 | - | 112 | 1,203 | 0 | - | 1,050 | - | 1,500 | - | 350 |
| 2/19 | 6.5 | 6.4 | 2,500 | - | 40 | - | 262 | 741 | 0 | - | 900 | - | - | - | - |
| 3/30 | 2.5 | 3.4 | 2,000 | - | 934 | - | 0 | 2,857 | 2,240 | - | 1,225 | - | - | - | - |
| 4/25 | 3.1 | 3.3 | 2,450 | - | 1,120 | - | 0 | 5,000 | 0 | - | 1,575 | - | - | - | - |
| 5/22 | 3.2 | 3.2 | 2,090 | - | 1,000 | - | 0 | 6,600 | 0 | - | 1,950 | - | - | - | - |
| 6/18 | 3.2 | 3.1 | 2,800 | - | 1,450 | - | 0 | 15,300 | 12,320 | - | 1,450 | - | - | - | - |
| 7/18 | - | - | 2,900 | - | - | - | - | - | - | - | - | - | - | - | - |
| 8/20 | - | 6.3 | 3,050 | - | 0 | - | 218 | 3,200 | 0 | - | 1,125 | - | - | - | - |
| 9/25 | - | 3.5 | 2,400 | - | 840 | - | 0 | 2,400 | 0 | - | 2,450 | - | - | - | - |

Sample No. 33
Stream No. 1-11 (1.21)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe TOTAL ug/l | Fe++ ug/l | #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | mg/l | CI #/day |
|-------|----------|--------|-------|--------|------|-----------------------|-----------------|---------------|-----------|-------|-------|-----------------------|---------------|--------|----------|
| 1973 | | | | | | | | | | | | | | | |
| 7/19 | 3.9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8/10 | 5.2 | - | 1,900 | 0.70 | 214 | 807 | 30 | 113 | - | - | - | - | - | - | - |
| 9/27 | 6.4 | 3.2 | 2,400 | 1.25 | 140 | 943 | 0 | 700 | 500 | 3 | 1,800 | 12,128 | 1,680 | 11,319 | - |
| 11/2 | 5.4 | 4.5 | 1,080 | 9.21 | 60 | 2,979 | 0 | 23,222 | 16,800 | 834 | 675 | 33,508 | 2,000 | 99,284 | - |
| 11/29 | 5.6 | 4.6 | 1,020 | 8.62 | 74 | 3,438 | 2 | 18,365 | 13,440 | 625 | 450 | 20,908 | 1,800 | 83,631 | - |
| 12/12 | 6.3 | 5.5 | 1,400 | 5.09 | 120 | 3,292 | 16 | 27,295 | 15,680 | 430 | 1,025 | 28,121 | 2,800 | 76,818 | - |
| 1974 | | | | | | | | | | | | | | | |
| 1/30 | 5.2 | 3.8 | 1,520 | 6.11 | 80 | 2,635 | 0 | 31,847 | 13,440 | 443 | 950 | 31,286 | 2,800 | 92,212 | 500 |
| 2/27 | 5.7 | 3.6 | 1,500 | 4.97 | 56 | 1,500 | 0 | 35,665 | 34,720 | 930 | 825 | 22,100 | - | - | - |
| 3/30 | 5.0 | 3.8 | 1,025 | 9.13 | 64 | 3,149 | 0 | 13,571 | 7,840 | 386 | 650 | 31,987 | - | - | - |
| 5/1 | 5.8 | 3.8 | 1,280 | 6.97 | 68 | 2,555 | 0 | 18,300 | 4,480 | 168 | 850 | 31,933 | - | - | - |
| 5/22 | 4.5 | 3.8 | 1,650 | 3.69 | 60 | 1,193 | 0 | 8,200 | 2,240 | 45 | 1,075 | 21,381 | - | - | - |
| 6/18 | 5.3 | 3.7 | 2,300 | 6.00 | 150 | 4,851 | 0 | 42,000 | 41,440 | 1,340 | 1,500 | 48,510 | - | - | - |
| 7/25 | - | 3.0 | 2,300 | 3.60 | 180 | 3,493 | 0 | 39,700 | 8,960 | 174 | 1,300 | 25,220 | - | - | - |
| 8/20 | - | 3.0 | 2,900 | 4.00 | 64 | 1,380 | 0 | 44,500 | 0 | - | 1,750 | 37,730 | - | - | - |
| 9/25 | - | 4.7 | 1,700 | 5.08 | 98 | 2,683 | 10 | 39,900 | 35,040 | 959 | 1,675 | 45,862 | - | - | - |

Sample No. 34
Point Source No. 4485

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe TOTAL ug/l | Fe++ ug/l | Fe++ #/day | mg/l | SO ₄ #/day | mg/l | HARDNESS mg/l | HARDNESS #/day | mg/l | CI #/day |
|-------|----------|--------|-------|--------|------|-----------------------|-----------------|---------------|-----------|------------|-------|-----------------------|-------|---------------|----------------|------|----------|
| 1973 | | | | | | | | | | | | | | | | | |
| 8/23 | 4.3 | 4.4 | 3,800 | 0.015 | 130 | 11 | 0 | 900 | 500 | 1 | 3,000 | 243 | 3,000 | - | - | - | - |
| 11/2 | 4.8 | 4.4 | 3,000 | 0.02 | 214 | 23 | 0 | 588 | 0 | - | 2,550 | 275 | 2,550 | 1,348 | - | - | - |
| 11/29 | 4.7 | 4.3 | 2,500 | 0.02 | 120 | 13 | 0 | 1,522 | 0 | - | 2,050 | 221 | 2,050 | 4,900 | 528 | - | - |
| 12/12 | 5.2 | 4.8 | 3,000 | - | 108 | - | 8 | 438 | 0 | - | 2,200 | - | 2,200 | 5,800 | - | - | - |
| 1974 | | | | | | | | | | | | | | | | | |
| 1/30 | 4.8 | 4.7 | 3,300 | 0.03 | 164 | 27 | 12 | 439 | 0 | - | 2,475 | 400 | 2,475 | 5,500 | 889 | 500 | 81 |
| 2/27 | 5.2 | 5.0 | 3,000 | 0.01 | 16 | 1 | 16 | 1,522 | 0 | - | 2,275 | 123 | 2,275 | - | - | - | - |
| 3/30 | 4.2 | 4.7 | 3,000 | 0.09 | 88 | 43 | 14 | 476 | 0 | - | 2,050 | 994 | 2,050 | - | - | - | - |
| 5/1 | 5.4 | 4.8 | 3,400 | 0.06 | 70 | 23 | 12 | 600 | 0 | - | 3,000 | 970 | 3,000 | - | - | - | - |
| 5/22 | 6.5 | 6.1 | 2,050 | 0.51 | 62 | 170 | 486 | 400 | 0 | - | 1,325 | 3,642 | 1,325 | - | - | - | - |
| 6/18 | 4.0 | 3.4 | 1,800 | 1.17 | 120 | 757 | 0 | 19,800 | 106 | - | 1,075 | 6,779 | 1,075 | - | - | - | - |
| 7/25 | - | 6.4 | 3,500 | 0.04 | 28 | 6 | 36 | 100 | 0 | - | 1,450 | 319 | 1,450 | - | - | - | - |
| 8/21 | - | 6.8 | 3,800 | 0.02 | 0 | - | 62 | 600 | 0 | - | 2,200 | 242 | 2,200 | - | - | - | - |
| 9/25 | - | 4.7 | 3,800 | 0.02 | 56 | 6 | 4 | 900 | 0 | 1 | 4,250 | 468 | 4,250 | - | - | - | - |

Sample No. 35
Stream No. 1-11 (.164)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe TOTAL ug/l | Fe++ ug/l | Fe++ #/day | mg/l | SO ₄ #/day | mg/l | HARDNESS mg/l | HARDNESS #/day | mg/l | CI #/day |
|-------|----------|--------|-------|--------|------|-----------------------|-----------------|---------------|-----------|------------|-------|-----------------------|-------|---------------|----------------|------|----------|
| 1973 | | | | | | | | | | | | | | | | | |
| 7/19 | 3.8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 11/2 | 5.1 | 4.2 | 850 | 8.06 | 64 | 2,780 | 0 | 3,960 | 2,240 | 97 | 475 | 20,636 | 475 | 2,500 | 108,608 | - | - |
| 11/29 | 4.9 | 4.1 | 800 | 6.55 | 50 | 1,765 | 0 | 4,150 | 3,360 | 119 | 325 | 11,474 | 325 | 1,500 | 52,597 | - | - |
| 12/12 | 5.2 | 4.0 | 1,030 | 6.10 | 82 | 2,696 | 0 | 11,522 | 6,720 | 220 | 900 | 29,610 | 900 | 1,900 | 6,2510 | - | - |
| 1974 | | | | | | | | | | | | | | | | | |
| 1/30 | 4.6 | 4.0 | 1,200 | 3.79 | 112 | 2,288 | 0 | 7,369 | 2,240 | 46 | 675 | 13,789 | 675 | 1,900 | 38,813 | 100 | 2,043 |
| 2/27 | 4.8 | 3.8 | 1,080 | 3.32 | 66 | 1,181 | 0 | 12,864 | 5,600 | 100 | 475 | 8,500 | 475 | - | - | - | - |
| 3/30 | 4.1 | 4.1 | 850 | 8.89 | 44 | 2,108 | 0 | 5,238 | 2,240 | 107 | 400 | 19,167 | 400 | - | - | - | - |
| 5/1 | 4.8 | 4.1 | 1,000 | 3.52 | 60 | 1,138 | 0 | 6,000 | 3,360 | 64 | 725 | 13,755 | 725 | - | - | - | - |
| 5/22 | 5.6 | 3.4 | 2,010 | 2.03 | 112 | 1,226 | 0 | 35,900 | 0 | - | 1,225 | 13,404 | 1,225 | - | - | - | - |
| 6/18 | 5.6 | 6.1 | 3,600 | 0.05 | 54 | 15 | 32 | 1,000 | 0 | - | 2,875 | 775 | 2,875 | - | - | - | - |
| 7/25 | - | 3.1 | 1,750 | 1.51 | 140 | 1,140 | 0 | 12,200 | 7,840 | 64 | 1,300 | 10,582 | 1,300 | - | - | - | - |
| 8/20 | - | 3.1 | 2,300 | 0.28 | 94 | 142 | 0 | 14,600 | 0 | - | 1,375 | 2,076 | 1,375 | - | - | - | - |
| 9/25 | - | 3.9 | 1,600 | 1.39 | 68 | 509 | 0 | 19,800 | 11,200 | 84 | 1,350 | 10,112 | 1,350 | - | - | - | - |

Sample No. 36
Stream No. 1-11 (2.51)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe TOTAL ug/l | Fe TOTAL #/day | ug/l | Fe++ #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | HARDNESS #/day | mg/l | CI #/day |
|-------|-------------|-----------|-------|--------|------|--------------------------|--------------------|------------------|-------------------|------|---------------|------|--------------------------|------------------|-------------------|------|-------------|
| 1973 | | | | | | | | | | | | | | | | | |
| 7/19 | 6.3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 8/1 | 5.4 | -- | 1,120 | 0.124 | 24 | 16 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/29 | 5.8 | 5.4 | 490 | 5.37 | 10 | 289 | 4 | 438 | 13 | 0 | -- | 255 | 7381 | 900 | 602 | -- | -- |
| 12/12 | 6.7 | 5.9 | 590 | -- | 10 | -- | 16 | 438 | -- | 0 | -- | 325 | -- | 1,200 | -- | -- | -- |
| 1974 | | | | | | | | | | | | | | | | | |
| 1/29 | 5.5 | 5.5 | 680 | 4.74 | 10 | 255 | 10 | 292 | 8 | 0 | -- | 275 | 7,026 | 1,100 | 28,103 | 50 | 1,277 |
| 2/26 | 5.7 | 5.4 | 650 | 3.31 | 8 | 143 | 10 | 741 | 13 | 0 | -- | 275 | 4,906 | -- | -- | -- | -- |
| 3/30 | 5.8 | 5.7 | 500 | 5.72 | 4 | 123 | 20 | 238 | 7 | 0 | -- | 275 | 8,478 | -- | -- | -- | -- |
| 5/1 | 8.5 | 6.2 | 670 | 3.49 | 12 | 226 | 34 | 500 | 9 | 0 | -- | 475 | 3,440 | -- | -- | -- | -- |
| 5/22 | 6.0 | 5.6 | 1,000 | 1.11 | 10 | 60 | 30 | 300 | 2 | 0 | -- | 575 | 1,455 | -- | -- | -- | -- |
| 6/19 | -- | 6.2 | 1,180 | 0.36 | 4 | 8 | 40 | 200 | 1 | 0 | -- | 750 | 756 | -- | -- | -- | -- |
| 7/25 | -- | 6.4 | 1,250 | 0.17 | 16 | 15 | 48 | 300 | 1 | 0 | -- | 825 | 105 | -- | -- | -- | -- |
| 8/22 | -- | 6.3 | 1,450 | 0.02 | 0 | -- | 48 | 800 | 1 | 0 | -- | 850 | -- | -- | -- | -- | -- |
| 9/26 | -- | 6.1 | 1,225 | 1.14 | 10 | 61 | 26 | 300 | 2 | 0 | -- | 925 | 5,680 | -- | -- | -- | -- |

Sample No. 37
Stream No. 1 (8.33)

| DATE | pH field | pH lab | S.C. | C.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe Total ug/l | Fe Total #/day | ug/l | Fe++ #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | HARDNESS #/day | mg/l | CI #/day |
|-------|-------------|-----------|------|--------|------|--------------------------|--------------------|------------------|-------------------|------|---------------|------|--------------------------|------------------|-------------------|------|-------------|
| 1973 | | | | | | | | | | | | | | | | | |
| 7/19 | 6.1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 11/2 | 6.4 | 6.4 | 210 | 41.16 | 10 | 2,219 | 14 | 292 | 331 | 0 | -- | 70 | 15,530 | 500 | 110,926 | -- | -- |
| 11/29 | 6.6 | 6.1 | 190 | 35.53 | 4 | 766 | 14 | 438 | 84 | 0 | -- | 70 | 13,406 | 600 | 114,906 | -- | -- |
| 12/12 | 7.2 | 6.2 | 240 | 16.55 | 6 | 535 | 36 | 588 | 52 | 0 | -- | 95 | 8,474 | 500 | 44,600 | -- | -- |
| 1974 | | | | | | | | | | | | | | | | | |
| 1/29 | 6.0 | 6.5 | 350 | 24.97 | 4 | 538 | 30 | 439 | 59 | 0 | -- | 150 | 20,188 | 600 | 80,753 | 100 | 13,459 |
| 2/26 | 6.7 | 6.3 | 270 | 24.66 | 6 | 798 | 32 | 741 | 98 | 0 | -- | 200 | 26,583 | -- | -- | -- | -- |
| 3/30 | 6.9 | 6.1 | 275 | 40.70 | 6 | 1,316 | 36 | 476 | 104 | 0 | -- | 175 | 38,390 | -- | -- | -- | -- |
| 4/30 | 10.5 | 6.5 | 340 | 8.59 | 4 | 185 | 38 | 200 | 9 | 0 | -- | 275 | 12,733 | -- | -- | -- | -- |
| 5/21 | 5.5 | 5.7 | 400 | 9.53 | 4 | 205 | 42 | 200 | 10 | 0 | -- | 150 | 7,705 | -- | -- | -- | -- |
| 6/19 | -- | 6.7 | 450 | 2.05 | 4 | 44 | 78 | 100 | 1 | 0 | -- | 150 | 1,658 | -- | -- | -- | -- |
| 7/25 | -- | 6.6 | 675 | 1.95 | 4 | 42 | 102 | 100 | 1 | 0 | -- | 350 | 3,679 | -- | -- | -- | -- |
| 8/20 | -- | 6.8 | 710 | 1.55 | 0 | -- | 98 | 400 | 3 | 0 | -- | 300 | 2,505 | -- | -- | -- | -- |
| 9/26 | -- | 6.3 | 380 | 5.95 | 8 | 257 | 40 | 200 | 6 | 0 | -- | 225 | 7,216 | -- | -- | -- | -- |

Sample No. 38
Stream No. 1-18 (0.00)

| DATE | pH field | pH Lab | S.C. | C.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe Total ug/l | Fe++ ug/l | Fe++ #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | HARDNESS #/day | mg/l | Cl #/day |
|-------|----------|--------|------|--------|------|-----------------------|-----------------|---------------|-----------|------------|------|-----------------------|---------------|----------------|------|----------|
| 1973 | | | | | | | | | | | | | | | | |
| 7/19 | 6.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 9/6 | 5.6 | 6.6 | 600 | 3.03 | 0 | - | 22 | 800 | 500 | 8 | 120 | 1,960 | 170 | 2,776 | - | - |
| 9/12 | 4.1 | 7.3 | 730 | 1.60 | 0 | 0 | 56 | 400 | 400 | 3 | 320 | 2,760 | 380 | 3,277 | - | - |
| 10/18 | - | 6.6 | - | 3.02 | 2 | 33 | 32 | 146 | 0 | - | 230 | 3,744 | - | - | - | - |
| 11/2 | 6.3 | 6.2 | 200 | 25.81 | 2 | 278 | 12 | 292 | 0 | - | 70 | 9,738 | 1,000 | 139,116 | - | - |
| 11/29 | 6.6 | 6.0 | 320 | 8.89 | 10 | 479 | 20 | 438 | 0 | - | 135 | 6,469 | 700 | 33,542 | - | - |
| 12/12 | 7.3 | 5.9 | 360 | 27.45 | 20 | 2,959 | 44 | 741 | 0 | - | 165 | 24,413 | 800 | 118,364 | - | - |
| 1974 | | | | | | | | | | | | | | | | |
| 1/29 | 6.0 | 6.7 | 400 | 19.25 | 6 | 623 | 38 | 439 | 0 | - | 50 | 5,188 | 700 | 72,631 | 50 | 5,188 |
| 2/26 | 6.4 | 6.5 | 360 | 5.30 | 6 | 171 | 44 | 292 | 0 | - | 75 | 2,143 | - | - | - | - |
| 3/30 | 6.2 | 5.9 | 300 | 8.23 | 6 | 266 | 32 | 476 | 0 | - | 200 | 8,872 | 0 | - | - | - |
| 4/30 | 8.0 | 6.7 | 550 | 2.72 | 6 | 88 | 66 | 200 | 0 | - | 200 | 2,932 | - | - | - | - |
| 5/21 | 6.4 | 5.9 | 600 | 2.27 | 8 | 98 | 20 | 200 | 0 | - | 175 | 2,141 | 320 | 3,915 | - | - |
| 6/19 | - | 6.9 | 680 | 0.68 | 6 | 22 | 124 | 0 | 0 | - | 275 | 1,008 | 200 | 733 | 50 | 183 |
| 7/25 | - | 6.8 | 825 | 5.45 | 10 | 294 | 156 | 100 | 0 | - | 375 | 11,016 | - | - | 5 | 161 |
| 8/20 | - | 7.1 | 840 | 5.50 | 0 | - | 172 | 500 | 0 | - | 300 | 8,895 | - | - | - | - |
| 9/26 | - | 6.5 | 550 | 10.05 | 4 | 217 | 62 | 200 | 0 | - | 325 | 17,605 | - | - | - | - |

Sample No. 39
Stream No. 1 (8.38)

| DATE | pH field | pH Lab | S.C. | C.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe Total ug/l | Fe++ ug/l | Fe++ #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | HARDNESS #/day | mg/l | Cl #/day |
|-------|----------|--------|------|--------|------|-----------------------|-----------------|---------------|-----------|------------|------|-----------------------|---------------|----------------|------|----------|
| 1973 | | | | | | | | | | | | | | | | |
| 10/18 | - | 6.4 | - | 3.93 | 0 | - | 24 | 292 | 0 | - | 170 | 3,601 | - | - | - | - |
| 11/2 | 6.2 | 6.5 | 310 | 11.62 | 12 | 752 | 14 | 438 | 0 | - | 145 | 9,082 | 1,000 | 62,632 | - | - |
| 11/29 | 6.5 | 6.0 | 200 | 26.49 | 4 | 571 | 18 | 438 | 0 | - | 70 | 9,995 | 500 | 71,390 | - | - |
| 12/12 | 7.3 | 6.2 | 360 | 9.00 | 14 | 679 | 34 | 588 | 0 | - | 80 | 3,880 | 300 | 14,550 | - | - |
| 1974 | | | | | | | | | | | | | | | | |
| 1/29 | 6.1 | 6.4 | 250 | 7.18 | 2 | 77 | 36 | 292 | 0 | - | 100 | 3,870 | 800 | 30,960 | 50 | 1,935 |
| 2/26 | 6.4 | 6.5 | 225 | 11.50 | 2 | 124 | 30 | 439 | 0 | - | 175 | 10,847 | - | - | - | - |
| 3/30 | 6.7 | 6.0 | 150 | 26.73 | 4 | 576 | 30 | 476 | 0 | - | 175 | 25,213 | - | - | - | - |
| 4/30 | 11.0 | 6.7 | 350 | 5.88 | 6 | 190 | 52 | 200 | 0 | - | 145 | 4,595 | - | - | - | - |
| 5/21 | 6.2 | 5.9 | 350 | 6.84 | 4 | 147 | 40 | 200 | 0 | - | 175 | 6,452 | 165 | 6,083 | - | - |
| 6/19 | - | 6.4 | 480 | 2.94 | 6 | 95 | 76 | 400 | 0 | - | 170 | 2,694 | 200 | 3,169 | 15 | 238 |
| 7/25 | - | 6.5 | 600 | 2.50 | 6 | 81 | 74 | 0 | 0 | - | 300 | 4,043 | - | - | 2.5 | 34 |
| 8/20 | - | 6.9 | 610 | 2.80 | 0 | - | 72 | 800 | 0 | - | 250 | 3,773 | - | - | - | - |
| 9/26 | - | 6.4 | 300 | 4.60 | 8 | 198 | 40 | 300 | 0 | - | 250 | 6,198 | - | - | - | - |

Sample No. 40
Stream No. 1-20 (0.21)

| DATE | pH field | pH lab | S.C. | C.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe Total ug/l | #/day | Fe++ ug/l | #/day | mg/l | SO ₄ #/day | mg/l | HARDNESS #/day | mg/l | Cl #/day |
|-------|----------|--------|-------|--------|------|-----------------------|-----------------|---------------|-------|-----------|-------|------|-----------------------|-------|----------------|------|----------|
| 1973 | | | | | | | | | | | | | | | | | |
| 8/1 | 4.1 | - | 1,050 | 0.125 | 100 | 67 | - | - | 1 | - | 1 | - | - | - | - | - | - |
| 8/23 | 4.0 | 4.3 | 1,100 | 0.15 | 140 | 113 | 0 | 300 | 1 | 300 | 1 | 650 | 526 | - | - | - | - |
| 9/12 | 3.7 | 4.2 | 1,190 | 0.05 | 160 | 43 | 0 | 200 | 1 | 200 | 1 | 820 | 221 | 208 | - | - | - |
| 11/ 2 | 44.4 | 4.2 | 600 | 0.39 | 72 | 151 | 0 | 146 | 1 | 0 | 1 | 345 | 725 | 3,574 | - | - | - |
| 11/28 | 4.8 | 4.1 | 500 | 0.46 | 48 | 119 | 0 | 146 | 1 | 0 | 1 | 290 | 719 | 2,231 | - | - | - |
| 12/12 | 4.9 | 4.2 | 740 | 0.32 | 124 | 214 | 0 | 292 | 1 | 0 | 1 | 455 | 785 | 2,415 | - | 2.5 | 4 |
| 1974 | | | | | | | | | | | | | | | | | |
| 1/24 | 4.6 | 4.5 | 620 | 0.95 | 68 | 348 | 4 | 2,013 | 10 | 0 | - | 320 | 1,639 | 7,681 | - | 10 | 51 |
| 2/26 | 4.6 | 4.4 | 650 | 0.92 | 48 | 238 | 0 | 292 | 1 | 0 | - | 345 | 1,711 | - | - | - | - |
| 3/29 | 4.6 | 4.5 | 700 | 0.38 | 74 | 152 | 0 | 238 | 1 | 0 | - | 400 | 819 | - | - | - | - |
| 4/30 | 4.8 | 4.5 | 850 | 0.06 | 68 | 22 | 4 | 100 | 1 | 0 | - | 500 | 162 | - | - | - | - |
| 5/21 | 4.4 | 4.3 | 900 | 0.18 | 2 | 2 | 0 | 100 | 1 | 0 | - | 425 | 412 | - | - | - | - |
| 6/19 | - | 4.4 | 975 | 0.12 | 94 | 61 | 0 | 500 | 1 | 0 | - | 575 | 372 | - | - | - | - |
| 7/24 | - | 3.9 | 1,100 | 0.09 | 112 | 54 | 0 | 0 | 1 | 0 | - | 825 | 400 | - | - | - | - |
| 8/20 | - | 3.9 | 1,125 | 0.11 | 72 | 42 | 0 | 300 | 1 | 0 | - | 750 | 443 | - | - | - | - |
| 9/26 | - | 4.2 | 1,000 | 0.11 | 150 | 89 | 0 | 100 | 1 | 0 | - | 925 | 546 | - | - | - | - |

Sample No. 41
Stream No. 1 (9.50)

| DATE | pH field | pH lab | S.C. | C.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe Total ug/l | #/day | Fe++ ug/l | #/day | mg/l | SO ₄ #/day | mg/l | HARDNESS #/day | mg/l | Cl #/day |
|-------|----------|--------|------|--------|------|-----------------------|-----------------|---------------|-------|-----------|-------|------|-----------------------|-------|----------------|------|----------|
| 1973 | | | | | | | | | | | | | | | | | |
| 7/19 | 6.7 | - | 450 | 0.33 | 6 | 11 | 96 | 171 | - | - | - | - | - | - | - | - | - |
| 8/9 | 6.1 | - | 150 | 34.93 | 10 | 1,883 | 16 | 3,012 | 82 | 0 | - | 50 | 9,414 | 400 | 75,308 | - | - |
| 11/28 | 6.6 | 5.7 | 180 | 2.80 | 10 | 151 | 34 | 513 | 7 | 0 | - | 55 | 830 | 300 | 4,528 | - | - |
| 12/12 | 6.6 | 6.3 | | | | | | | | | | | | | | | |
| 1974 | | | | | | | | | | | | | | | | | |
| 1/24 | 7.5 | 6.2 | 180 | 19.22 | 4 | 414 | 22 | 2,279 | 655 | 0 | - | 60 | 6,216 | 1,300 | 134,675 | 10 | 1,036 |
| 2/26 | 6.1 | 6.3 | 200 | 14.55 | 4 | 314 | 32 | 2,510 | 58 | 0 | - | 125 | 9,803 | - | - | - | - |
| 3/30 | 6.2 | 5.8 | 150 | 21.90 | 4 | 472 | 30 | 3,541 | 28 | 0 | - | 225 | 26,559 | - | - | - | - |
| 5/1 | 7.5 | 6.4 | 240 | 16.85 | 6 | 545 | 36 | 3,270 | 400 | 0 | - | 70 | 6,357 | - | - | - | - |
| 5/21 | 6.7 | 5.9 | 240 | 5.26 | 4 | 113 | 50 | 1,418 | 200 | 0 | - | 175 | 4,961 | - | - | - | - |
| 6/19 | - | 6.4 | 270 | 1.88 | 4 | 41 | 78 | 790 | 100 | 0 | - | 68 | 689 | - | - | - | - |
| 7/24 | - | 6.5 | 320 | 1.52 | 4 | 33 | 78 | 639 | 100 | 0 | - | 275 | 2,253 | - | - | - | - |
| 8/20 | - | 6.3 | 460 | 2.40 | 2 | 26 | 110 | 1,423 | 16 | 0 | - | 225 | 2,911 | - | - | - | - |
| 9/26 | - | 6.6 | 230 | 1.79 | 8 | 77 | 40 | 386 | 6 | 0 | - | 175 | 1,688 | - | - | - | - |

Sample No. 42
Point Source No. 4491

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe TOTAL ug/l | Fett ug/l | #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | #/day | mg/l | CI #/day |
|-------|----------|--------|-------|--------|-------|-----------------------|-----------------|---------------|-----------|-------|-------|-----------------------|---------------|-------|------|----------|
| 1973 | | | | | | | | | | | | | | | | |
| 7/17 | 5.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8/23 | 4.5 | 4.6 | 4,500 | - | 990 | - | 530,000 | 360,000 | - | - | 4,100 | - | - | - | - | - |
| 12/12 | - | 3.9 | - | - | 2,300 | - | 56,126 | 56,000 | - | - | 3,575 | - | - | - | - | - |
| 1974 | | | | | | | | | | | | | | | | |
| 1/24 | 4.9 | 4.7 | 4,000 | 0.02 | 810 | 87 | 572,570 | 224,000 | 24 | 24 | 1,175 | 127 | 9,000 | 970 | 5 | 1 |
| 2/19 | 4.2 | 4.0 | 4,250 | 0.01 | 924 | 50 | 660,950 | 394,240 | 21 | 21 | 2,625 | 141 | - | - | - | - |
| 3/30 | 4.1 | 3.0 | 3,500 | 0.01 | 800 | 43 | 447,368 | 406,560 | 22 | 22 | 2,225 | 120 | - | - | - | - |
| 4/25 | 4.9 | 2.9 | 4,250 | 0.06 | 1,460 | 472 | 425,000 | 28,000 | 9 | 9 | 3,625 | 1,172 | - | - | - | - |
| 5/22 | 5.3 | 3.1 | 2,050 | 0.02 | 200 | 22 | 49,500 | 5,600 | 1 | 1 | 1,300 | 140 | 1,450 | 156 | - | - |
| 6/18 | 4.6 | 3.1 | 4,500 | 0.03 | 1,200 | 194 | 858,000 | 840,000 | 136 | 136 | 3,750 | 606 | 2,700 | 437 | 25 | 4 |
| 7/18 | - | 2.9 | 4,500 | 0.05 | 1,700 | 458 | 482,000 | 479,360 | 129 | 129 | 4,000 | 1,078 | - | - | 25 | 7 |
| 8/21 | - | 2.8 | 4,500 | 0.07 | 910 | 346 | 525,500 | 280,000 | 106 | 106 | 1,450 | 547 | - | - | 25 | 7 |
| 9/25 | - | 3.7 | 4,000 | 0.06 | 1,312 | 420 | 882,500 | 481,600 | 154 | 154 | 4,750 | 1,520 | - | - | - | - |

Sample No. 43
Point Source No. 508

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe Total ug/l | Fett ug/l | #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | #/day | mg/l | CI #/day |
|------|----------|--------|-------|--------|------|-----------------------|-----------------|---------------|-----------|-------|-------|-----------------------|---------------|-------|------|----------|
| 1973 | | | | | | | | | | | | | | | | |
| 11/3 | 6.6 | 6.0 | 1,400 | 0.02 | 20 | 2 | 41,031 | 11,200 | 1 | 1 | 1,150 | 124 | 2,250 | 243 | - | - |
| 1974 | | | | | | | | | | | | | | | | |
| 2/19 | 6.2 | 6.0 | 1,700 | - | 82 | - | 24,700 | 2,240 | - | - | 400 | - | - | - | - | - |
| 5/16 | 6.0 | 5.9 | 1,650 | - | 36 | - | 24,200 | 0 | - | - | 350 | - | 460 | - | - | - |
| 6/18 | 5.6 | 6.0 | 1,600 | - | 40 | - | 19,300 | 19,040 | - | - | 575 | - | 500 | - | 150 | - |
| 7/18 | - | 5.8 | 1,700 | - | 40 | - | 21,700 | 8,960 | - | - | 675 | - | - | - | 7.5 | - |
| 8/21 | - | 5.8 | 1,800 | - | 20 | - | 21,200 | 12,320 | - | - | 600 | - | - | - | - | - |
| 9/25 | - | 5.9 | 1,350 | - | 22 | - | 19,600 | 16,800 | - | - | 800 | - | - | - | - | - |

Sample No. 44
Stream No. 1-01-18 (0.02)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe Total ug/l | Fett ug/l | #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | #/day | mg/l | CI #/day |
|------|----------|--------|-------|--------|------|-----------------------|-----------------|---------------|-----------|-------|------|-----------------------|---------------|-------|------|----------|
| 1973 | | | | | | | | | | | | | | | | |
| 8/9 | 6.6 | - | 1,100 | - | 12 | - | 50 | - | - | - | - | - | - | - | - | - |
| 1974 | | | | | | | | | | | | | | | | |
| 2/28 | 6.8 | 6.2 | 800 | - | 6 | - | 80 | 292 | 0 | - | 225 | - | - | - | - | - |
| 5/15 | 6.2 | 6.0 | 750 | - | 6 | - | 72 | 100 | 0 | - | 275 | - | - | - | - | - |
| 6/12 | 5.3 | 6.7 | 800 | - | 2 | - | 74 | 100 | 0 | - | 250 | - | - | - | - | - |
| 7/17 | - | 6.2 | 860 | - | 26 | - | 62 | 100 | 0 | - | 325 | - | - | - | - | - |
| 8/20 | - | 6.8 | 900 | - | 10 | - | 66 | 100 | 0 | - | 375 | - | - | - | - | - |
| 9/24 | - | 6.2 | 850 | - | 10 | - | 54 | 100 | 0 | - | 550 | - | - | - | - | - |

Sample No. 45
Stream No. 1-01-17

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe Total ug/l | Fe Total #/day | ug/l | Fett #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | mg/l | Cl #/day |
|------|----------|--------|------|--------|------|-----------------------|-----------------|---------------|----------------|------|------------|------|-----------------------|---------------|------|----------|
| 1973 | | | | | | | | | | | | | | | | |
| 2/28 | 6.4 | 6.7 | 640 | - | 12 | - | 64 | 439 | - | 0 | - | 150 | - | - | - | - |
| 5/15 | 6.4 | 5.8 | 550 | - | 4 | - | 46 | 600 | - | 0 | - | 175 | - | - | - | - |
| 6/12 | 5.7 | 6.6 | 600 | - | 2 | - | 48 | 100 | - | 0 | - | 225 | - | - | - | - |
| 7/17 | - | 5.9 | 640 | - | 28 | - | 42 | 100 | - | 0 | - | 175 | - | - | - | - |
| 8/20 | - | 6.7 | 700 | - | 2 | - | 46 | 300 | - | 0 | - | 400 | - | - | - | - |
| 9/24 | - | 6.2 | 610 | - | 10 | - | 38 | 0 | - | 0 | - | 400 | - | - | - | - |

Sample No. 46
Stream No. 1-01-01-01 (0.02)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe Total ug/l | Fe Total #/day | ug/l | Fett #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | mg/l | Cl #/day |
|-------|----------|--------|-------|--------|------|-----------------------|-----------------|---------------|----------------|------|------------|-------|-----------------------|---------------|-------|----------|
| 1973 | | | | | | | | | | | | | | | | |
| 11/26 | 6.8 | 6.8 | 880 | - | 20 | - | 100 | 894 | - | 0 | - | 390 | - | 1,900 | - | - |
| 1974 | | | | | | | | | | | | | | | | |
| 5/15 | 7.2 | 6.2 | 1,100 | 1.22 | 18 | 118 | 210 | 1,381 | 7 | 0 | - | 400 | 2,630 | 760 | 4,998 | - |
| 6/11 | 7.6 | 7.7 | 1,800 | 0.48 | 0 | - | 350 | 905 | 1 | 0 | - | 650 | 1,682 | 110 | 285 | 13 |
| 7/16 | - | 6.6 | 1,800 | 0.33 | 42 | 75 | 302 | 537 | 1 | 0 | - | 1,025 | 1,823 | - | 5 | 9 |
| 8/20 | - | 7.7 | 1,800 | 0.51 | 0 | - | 392 | 1,078 | 4 | 0 | - | 1,025 | 2,819 | - | - | - |
| 9/24 | - | 6.8 | 1,625 | 0.29 | 4 | 6 | 250 | 390 | 2 | 0 | - | 1,200 | 1,872 | - | - | - |

Sample No. 47
Stream No. 1-01-01 (0.89)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe Total ug/l | Fe Total #/day | ug/l | Fett #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | mg/l | Cl #/day |
|------|----------|--------|------|--------|------|-----------------------|-----------------|---------------|----------------|------|------------|------|-----------------------|---------------|------|----------|
| 1974 | | | | | | | | | | | | | | | | |
| 5/14 | 6.6 | 6.3 | 250 | 15.01 | 4 | 324 | 28 | 2,265 | 49 | 0 | - | 150 | 12,136 | - | - | - |
| 6/11 | 7.7 | 7.6 | 750 | 0.73 | 0 | - | 98 | 387 | 1 | 0 | - | 200 | 789 | - | - | - |
| 7/17 | - | 6.2 | 725 | 0.56 | 16 | 48 | 98 | 296 | 1 | 0 | - | 375 | 1,132 | - | - | - |
| 8/20 | - | 7.2 | 800 | 0.31 | 0 | - | 116 | 194 | 1 | 0 | - | 350 | 585 | - | - | - |
| 9/24 | - | 6.2 | 475 | 1.02 | 6 | 33 | 38 | 209 | 9 | 0 | - | 300 | 1,650 | - | - | - |

Sample No. 48
Stream No. 1-01-01-03-01 (0.4)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l #/day | Fe Total ug/l #/day | ug/l | Fett #/day | mg/l | SO ₄ #/day | HARDNESS mg/l #/day | mg/l | Cl #/day |
|------|----------|--------|------|--------|------|-----------------------|-----------------------|---------------------|------|------------|------|-----------------------|---------------------|-------|----------|
| 1974 | | | | | | | | | | | | | | | |
| 5/14 | 6.8 | 6.1 | 300 | 3.97 | 2 | 43 | 30 | 642 | 400 | 9 | 100 | 2,140 | 170 | 3,638 | - |
| 6/11 | 7.6 | 7.6 | 750 | 0.27 | 0 | - | 134 | 195 | 200 | 1 | 200 | 291 | 400 | 582 | 7 |
| 7/16 | - | 6.6 | 750 | 0.19 | 14 | 14 | 114 | 117 | 200 | 1 | 300 | 307 | - | 2.5 | 3 |
| 8/20 | - | 7.3 | 800 | 0.08 | 0 | - | 168 | 72 | 900 | 1 | 400 | 172 | - | - | - |

Sample No. 49
Stream No. 1-01-01-03 (0.22)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l #/day | Fe Total ug/l #/day | ug/l | Fett #/day | mg/l | SO ₄ #/day | HARDNESS mg/l #/day | mg/l | Cl #/day |
|------|----------|--------|------|--------|------|-----------------------|-----------------------|---------------------|-------|------------|------|-----------------------|---------------------|-------|----------|
| 1974 | | | | | | | | | | | | | | | |
| 5/14 | 6.6 | 5.9 | 210 | 2.70 | 4 | 58 | 28 | 407 | 600 | 9 | 100 | 1,455 | 130 | 1,892 | - |
| 6/11 | 7.5 | 7.6 | 450 | 0.08 | 0 | - | 62 | 27 | 500 | 1 | 100 | 43 | 200 | 86 | 2 |
| 7/16 | - | 6.6 | 450 | 0.09 | 14 | 7 | 56 | 27 | 600 | 1 | 200 | 97 | - | 2.5 | 1 |
| 8/20 | - | 6.7 | 540 | 0.04 | 4 | 1 | 50 | 11 | 2,800 | 1 | 350 | 76 | - | - | - |

Sample No. 50
Stream No. 1-01-01 (2.09)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l #/day | Fe Total ug/l #/day | ug/l | Fett #/day | mg/l | SO ₄ #/day | HARDNESS mg/l #/day | mg/l | Cl #/day |
|------|----------|--------|------|--------|------|-----------------------|-----------------------|---------------------|-------|------------|------|-----------------------|---------------------|-------|----------|
| 1974 | | | | | | | | | | | | | | | |
| 5/14 | 6.7 | 5.5 | 240 | 5.64 | 2 | 61 | 26 | 790 | 600 | 18 | 75 | 2,280 | 100 | 3,040 | - |
| 6/11 | 5.5 | 7.4 | 550 | 0.51 | 0 | - | 60 | 165 | 700 | 2 | 175 | 481 | 200 | 550 | 10 |
| 7/16 | - | 6.3 | 550 | 0.16 | 18 | 16 | 50 | 43 | 900 | 1 | 200 | 172 | - | 5 | 27 |
| 8/20 | - | 6.6 | 630 | 0.23 | 4 | 5 | 64 | 79 | 1,200 | 1 | 275 | 341 | - | - | 4 |

Sample No. 51
Stream No. 1-01-01-04 (0.08)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l #/day | Fe Total ug/l #/day | ug/l | Fett #/day | mg/l | SO ₄ #/day | HARDNESS mg/l #/day | mg/l | Cl #/day |
|------|----------|--------|------|--------|------|-----------------------|-----------------------|---------------------|------|------------|------|-----------------------|---------------------|------|----------|
| 1974 | | | | | | | | | | | | | | | |
| 5/14 | 7.1 | 5.6 | 210 | .41 | 4 | 9 | 14 | 31 | 100 | 1 | 125 | 276 | - | - | - |
| 6/11 | - | - | - | DRY | - | - | - | - | - | - | - | - | - | - | - |
| 7/16 | - | - | - | DRY | - | - | - | - | - | - | - | - | - | - | - |
| 8/20 | - | - | - | DRY | - | - | - | - | - | - | - | - | - | - | - |

Sample No. 52
Stream No. 1-01-01 (2.38)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe Total ug/l | Fe Total #/day | ug/l | Fett #/day | mg/l | SO ₄ #/day | mg/l | HARDNESS #/day | mg/l | C1 #/day |
|------|----------|--------|------|--------|------|-----------------------|-----------------|---------------|----------------|------|------------|------|-----------------------|------|----------------|------|----------|
| 1974 | | | | | | | | | | | | | | | | | |
| 5/14 | 6.4 | 5.8 | 190 | 4.04 | 10 | 218 | 26 | 566 | 7 | 0 | - | 50 | 1,089 | - | - | - | - |
| 6/11 | 5.4 | 7.4 | 300 | 0.12 | 0 | - | 82 | 53 | 1 | 0 | - | 175 | 113 | - | - | - | - |
| 7/16 | - | 6.0 | 325 | 0.09 | 12 | 6 | 88 | 43 | 1 | 0 | - | 175 | 85 | - | - | - | - |
| 8/20 | - | 6.5 | 380 | 0.06 | 4 | 1 | 92 | 29 | 1 | 0 | - | 325 | 104 | - | - | - | - |

Sample No. 53
Stream No. 1-01-01-05 (0.01)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe Total ug/l | Fe Total #/day | ug/l | Fett #/day | mg/l | SO ₄ #/day | mg/l | HARDNESS #/day | mg/l | C1 #/day |
|------|----------|--------|------|--------|------|-----------------------|-----------------|---------------|----------------|------|------------|------|-----------------------|------|----------------|------|----------|
| 1974 | | | | | | | | | | | | | | | | | |
| 5/14 | 6.5 | 5.9 | 210 | 1.04 | 6 | 34 | 18 | 101 | 3 | 0 | - | 150 | 842 | - | - | - | - |
| 6/11 | 6.0 | 6.4 | 450 | 0.04 | 4 | 1 | 32 | 7 | 1 | 0 | - | 100 | 22 | - | - | - | - |
| 7/16 | - | 6.0 | 400 | 0.05 | 12 | 3 | 28 | 8 | 1 | 0 | - | 175 | 47 | - | - | - | - |
| 8/20 | - | 6.4 | 440 | 0.03 | 4 | 1 | 20 | 3 | 1 | 0 | - | 275 | 44 | - | - | - | - |

Sample No. 54
Stream No. 1-01-05 (0.00)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe Total ug/l | Fe Total #/day | ug/l | Fett #/day | mg/l | SO ₄ #/day | mg/l | HARDNESS #/day | mg/l | C1 #/day |
|------|----------|--------|-------|--------|------|-----------------------|-----------------|---------------|----------------|------|------------|------|-----------------------|------|----------------|------|----------|
| 1974 | | | | | | | | | | | | | | | | | |
| 5/14 | 6.6 | 5.2 | 450 | - | 4 | - | 6 | - | - | 0 | - | 210 | - | - | - | - | - |
| 6/11 | 3.4 | 5.5 | 1,300 | 0.02 | 6 | 1 | 6 | 1 | - | 0 | - | 225 | 24 | - | - | - | - |
| 7/16 | - | 4.8 | 280 | 0.02 | 8 | 1 | 2 | 1 | 1 | 0 | 0 | 105 | 11 | - | - | - | - |
| 8/20 | - | 4.8 | 340 | 0.003 | 6 | 1 | 2 | 1 | 1 | 0 | - | 225 | 4 | - | - | - | - |

Sample No. 55
Stream No. 1-01-06 (0.14)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe Total ug/l | Fe Total #/day | ug/l | Fett #/day | mg/l | SO ₄ #/day | mg/l | HARDNESS #/day | mg/l | C1 #/day |
|------|----------|--------|------|--------|------|-----------------------|-----------------|---------------|----------------|-------|------------|------|-----------------------|------|----------------|------|----------|
| 1974 | | | | | | | | | | | | | | | | | |
| 5/14 | 6.6 | 6.1 | 160 | 1.09 | 4 | 24 | 28 | 165 | 1 | 100 | - | 100 | 588 | - | - | - | - |
| 6/11 | 6.4 | 6.3 | 410 | 0.03 | 6 | 1 | 28 | 5 | 1 | 200 | - | 200 | 32 | - | - | - | - |
| 7/16 | - | 5.6 | 425 | 0.02 | 12 | 1 | 24 | 3 | 1 | 1,100 | - | 150 | 16 | - | - | - | - |
| 8/20 | - | 6.5 | 460 | 0.07 | 2 | 1 | 30 | 11 | 1 | 700 | - | 325 | 123 | - | - | - | - |

Sample No. 56
Stream No. 1-01-08 (0.21)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe Total ug/l | Fe Total #/day | ug/l | Fett #/day | mg/l | SO ₄ #/day | mg/l | HARDNESS #/day | mg/l | C1 #/day |
|------|----------|--------|------|--------|------|-----------------------|-----------------|---------------|----------------|------|------------|------|-----------------------|------|----------------|------|----------|
| 1974 | | | | | | | | | | | | | | | | | |
| 5/14 | 6.4 | 6.0 | 200 | 1.97 | 2 | 21 | 26 | 276 | 6 | 600 | - | 150 | 1,593 | - | 1,381 | - | - |
| 6/12 | 5.9 | 6.6 | 650 | 0.07 | 4 | 2 | 60 | 23 | 1 | 300 | - | 150 | 57 | - | 400 | 5 | 2 |
| 7/16 | - | 6.0 | 600 | 0.06 | 22 | 7 | 60 | 19 | 1 | 200 | - | 200 | 65 | - | - | 2.5 | 1 |
| 8/20 | - | 6.7 | 600 | 0.08 | 4 | 2 | 50 | 22 | 1 | 600 | - | 300 | 129 | - | - | - | - |

Sample No. 57
Stream No. 1-01-10 (0.05)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe Total ug/l | Fe Total #/day | ug/l | Fett #/day | mg/l | SO ₄ #/day | mg/l | HARDNESS #/day | mg/l | C1 #/day |
|------|----------|--------|-------|--------|------|-----------------------|-----------------|---------------|----------------|-------|------------|-------|-----------------------|------|----------------|------|----------|
| 1974 | | | | | | | | | | | | | | | | | |
| 5/14 | 6.5 | 6.0 | 990 | 0.16 | 6 | 5 | 18 | 16 | 3 | 3,200 | - | 325 | 280 | - | - | - | - |
| 6/12 | 6.0 | 6.7 | 1,400 | 0.00 | 6 | - | 32 | - | - | 500 | - | 525 | - | - | - | - | - |
| 7/16 | - | 5.9 | 1,500 | 0.00 | 24 | - | 28 | - | - | 1,025 | - | 1,025 | - | - | - | - | - |
| 8/20 | - | 6.6 | 1,500 | 0.01 | 4 | 2 | 30 | 16 | 1 | 1,100 | - | 900 | 485 | - | - | - | - |
| 9/24 | - | 6.3 | 1,210 | 0.014 | 4 | 11 | 30 | 2 | 1 | 500 | - | 925 | 69 | - | - | - | - |

Sample No. 58
Stream No. 1-01-12 (0.14)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe Total ug/l | Fe++ ug/l | #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | CI #/day |
|------|----------|--------|-------|--------|------|-----------------------|-----------------|---------------|-----------|-------|-------|-----------------------|---------------|----------|
| 1974 | | | | | | | | | | | | | | |
| 5/14 | 6.6 | 5.7 | 350 | 1.49 | 8 | 64 | 32 | 257 | 700 | 6 | 225 | 1,807 | 240 | 1,927 |
| 6/12 | 5.3 | 7.1 | 700 | 0.14 | 0 | - | 138 | 104 | 200 | 1 | 150 | 113 | 300 | 227 |
| 7/16 | - | 6.6 | 725 | 0.07 | 48 | 18 | 270 | 102 | 700 | 1 | 300 | 113 | - | 5 |
| 8/20 | - | 7.0 | 800 | 0.014 | 0 | - | 318 | 24 | 2,200 | 1 | 300 | 23 | - | - |
| 9/24 | - | 6.1 | 1,200 | 0.11 | 12 | 7 | 30 | 18 | 700 | 1 | 1,025 | 605 | - | - |

Sample No. 59
Stream No. 1-01-16 (0.24)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe Total ug/l | Fe++ ug/l | #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | CI #/day |
|------|----------|--------|-------|--------|------|-----------------------|-----------------|---------------|-----------|-------|------|-----------------------|---------------|----------|
| 1974 | | | | | | | | | | | | | | |
| 5/15 | 6.2 | 5.9 | 360 | 5.60 | 14 | 423 | 32 | 966 | 2,000 | 60 | 125 | 3,773 | 250 | 7,546 |
| 6/12 | 5.5 | 6.3 | 900 | 0.20 | 10 | 11 | 32 | 35 | 4,700 | 5 | 325 | 350 | 500 | 539 |
| 7/17 | - | 5.5 | 1,050 | 0.41 | 38 | 84 | 22 | 49 | 7,600 | 17 | 750 | 1,658 | - | 5 |
| 8/20 | - | 5.1 | 1,150 | 0.19 | 18 | 18 | 6 | 6 | 8,900 | 9 | 600 | 612 | - | 5 |
| 9/24 | - | 6.0 | 580 | 0.87 | 16 | 75 | 32 | 150 | 3,400 | 16 | 350 | 1,642 | - | - |

Sample No. 60
Stream No. 1-01 (5.53)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe Total ug/l | Fe++ ug/l | #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | CI #/day |
|------|----------|--------|-------|--------|------|-----------------------|-----------------|---------------|-----------|-------|------|-----------------------|---------------|----------|
| 1974 | | | | | | | | | | | | | | |
| 5/15 | 5.7 | 6.0 | 490 | 5.06 | 6 | 164 | 28 | 764 | 1,300 | 35 | 175 | 4,773 | 240 | 6,546 |
| 6/12 | 5.7 | 6.4 | 950 | 0.70 | 6 | 23 | 56 | 211 | 2,900 | 11 | 375 | 1,415 | 600 | 2,264 |
| 7/17 | - | 5.9 | 1,000 | 0.51 | 30 | 83 | 70 | 193 | 3,900 | 11 | 425 | 1,169 | - | 5 |
| 8/20 | - | 6.1 | 1,000 | 0.27 | 0 | - | 88 | 128 | 4,800 | 7 | 600 | 876 | - | 14 |
| 9/24 | - | 3.8 | 700 | 0.93 | 14 | 70 | 36 | 180 | 3,500 | 18 | 450 | 2,255 | - | - |

Sample No. 61
Stream No. 1-01-17 (0.15)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe Total ug/l | Fe++ ug/l | #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | CI #/day |
|------|----------|--------|------|--------|------|-----------------------|-----------------|---------------|-----------|-------|------|-----------------------|---------------|----------|
| 1974 | | | | | | | | | | | | | | |
| 5/15 | 6.3 | 6.1 | 260 | 1.74 | 2 | 19 | 20 | 188 | 899 | 8 | 175 | 1,641 | 150 | 1,407 |
| 6/12 | 5.9 | 6.8 | 800 | 0.02 | 2 | 1 | 86 | 9 | 1,400 | 1 | 225 | 24 | 500 | 5 |
| 7/17 | - | 6.0 | 820 | 0.13 | 56 | 39 | 86 | 60 | 2,400 | 2 | 550 | 385 | - | 5 |
| 8/20 | - | 6.1 | 880 | 0.01 | 0 | - | 112 | 60 | 3,700 | 2 | 400 | 216 | - | 4 |

Sample No. 62
Stream No. 1-01-16-02 (0.06)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe Total ug/l | Fe++ ug/l | #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | CI #/day |
|------|----------|--------|------|--------|------|-----------------------|-----------------|---------------|-----------|-------|------|-----------------------|---------------|----------|
| 1975 | | | | | | | | | | | | | | |
| 5/15 | 6.1 | 6.1 | 200 | 2.80 | 4 | 60 | 24 | 362 | 500 | 8 | 250 | 3,773 | 85 | 1,283 |
| 6/12 | 5.4 | 6.6 | 460 | 0.16 | 6 | 5 | 68 | 59 | 100 | 1 | 170 | 147 | 250 | 216 |
| 7/17 | - | 6.3 | 500 | 0.11 | 24 | 14 | 62 | 37 | 200 | 1 | 275 | 163 | - | 15 |
| 8/11 | - | 6.6 | 600 | 0.06 | 0 | - | 78 | 25 | 200 | 1 | 325 | 104 | - | 5 |
| 9/24 | - | 6.2 | 325 | 0.50 | 10 | 27 | 38 | 103 | 100 | 1 | 225 | 608 | - | 3 |

Sample No. 63
Stream No. 1-01-16 (1.90)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe Total ug/l | Fe++ ug/l | #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | CI #/day |
|------|----------|--------|------|--------|------|-----------------------|-----------------|---------------|-----------|-------|------|-----------------------|---------------|----------|
| 1974 | | | | | | | | | | | | | | |
| 5/15 | 6.4 | 6.0 | 260 | 0.18 | 4 | 4 | 20 | 19 | 100 | 1 | 225 | 218 | 140 | 136 |
| 6/12 | 5.4 | 6.6 | 460 | 0.07 | 2 | 1 | 36 | 14 | 200 | 1 | 330 | 125 | 350 | 132 |
| 7/17 | - | 6.2 | 720 | 0.02 | 14 | 2 | 34 | 4 | 1,000 | 1 | 300 | 32 | - | 5 |
| 8/21 | - | 6.3 | 830 | 0.06 | 0 | - | 30 | 10 | 900 | 1 | 475 | 152 | - | 1 |
| 9/24 | - | 6.1 | 435 | 0.08 | 10 | 4 | 26 | 11 | 100 | 1 | 300 | 129 | - | - |

Sample No. 64
Stream No. 1 (2.55)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH8 #/day | ALKALINITY mg/l | Fe Total ug/l | Fe Total #/day | ug/l | Fe++ #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | mg/l | C1 #/day |
|------|----------|--------|-------|--------|------|-----------|-----------------|---------------|----------------|--------|------------|-------|-----------------------|---------------|------|----------|
| 1974 | | | | | | | | | | | | | | | | |
| 5/16 | 4.2 | 3.5 | 1,050 | 48.88 | 74 | 19,496 | 0 | 12,600 | 3,320 | 0 | - | 300 | 79,039 | - | - | - |
| 6/12 | 3.3 | 3.1 | 2,100 | 9.21 | 150 | 7,446 | 0 | 17,900 | 889 | 4,480 | 222 | 950 | 47,158 | - | - | - |
| 7/17 | - | 2.8 | 2,100 | 10.39 | 800 | 44,802 | 0 | 16,400 | 918 | 3,360 | 188 | 1,450 | 81,203 | - | - | - |
| 8/21 | - | 2.7 | 2,500 | 4.53 | 158 | 3,858 | 0 | 17,900 | 437 | 0 | - | 1,450 | 35,404 | - | - | - |
| 9/23 | - | 3.1 | 1,500 | 12.52 | 122 | 8,233 | 0 | 24,700 | 1,667 | 24,640 | 1,663 | 1,100 | 74,231 | - | - | - |

Sample No. 65
Stream No. 1-03 (0.24)

| | | | | | | | | | | | | | | | | |
|------|-----|-----|-------|------|----|----|----|-----|---|---|---|-----|-----|-----|-------|---|
| 1974 | | | | | | | | | | | | | | | | |
| 5/16 | 6.4 | 5.7 | 350 | 1.51 | 4 | 33 | 32 | 260 | 2 | - | - | 50 | 407 | 160 | 1,302 | - |
| 6/12 | 5.8 | 6.6 | 700 | 0.15 | 6 | 5 | 66 | 53 | 3 | 0 | - | 100 | 81 | 400 | 323 | 4 |
| 7/17 | - | 6.4 | 800 | 0.12 | 14 | 9 | 70 | 45 | 1 | 0 | - | 425 | 275 | - | - | 5 |
| 8/21 | - | 6.6 | 1,000 | 0.09 | - | - | 92 | 45 | 1 | 0 | - | 550 | 267 | - | - | 3 |

Sample No. 66
Stream No. 501

| | | | | | | | | | | | | | | | | |
|------|-----|-----|-------|------|----|---|----|---|---|-------|---|-----|-----|-----|-----|---|
| 1975 | | | | | | | | | | | | | | | | |
| 5/16 | 5.1 | 4.6 | 1,400 | 0.04 | 18 | 4 | 2 | 1 | 1 | 500 | - | 775 | 167 | 870 | 188 | - |
| 6/12 | 6.0 | 5.6 | 1,100 | 0.05 | 10 | 3 | 16 | 4 | 1 | 4,600 | 1 | 500 | 135 | 750 | 202 | 5 |
| 7/17 | - | 4.9 | 1,350 | - | 54 | - | 8 | - | 1 | 900 | 0 | 850 | - | - | - | - |
| 8/21 | - | 5.3 | 1,300 | - | 2 | - | 16 | - | - | 1,200 | 0 | 800 | - | - | - | - |

Sample No. 67
Stream No. 1-03 (0.60)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH8 #/day | ALKALINITY mg/l | Fe Total ug/l | Fe Total #/day | ug/l | Fe++ #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | mg/l | C1 #/day |
|------|----------|--------|------|--------|------|-----------|-----------------|---------------|----------------|------|------------|------|-----------------------|---------------|------|----------|
| 1974 | | | | | | | | | | | | | | | | |
| 5/16 | 6.2 | 5.6 | 175 | 0.07 | 4 | 2 | 16 | 6 | 0 | 0 | - | 24 | 9 | - | - | - |
| 6/12 | - | - | - | DRY | - | - | - | - | - | - | - | - | - | - | - | - |
| 7/17 | - | - | - | DRY | - | - | - | - | - | - | - | - | - | - | - | - |
| 8/21 | - | - | - | DRY | - | - | - | - | - | - | - | - | - | - | - | - |

Sample No. 68
Stream No. 1-03-02 (0.01)

| | | | | | | | | | | | | | | | | |
|------|-----|-----|-----|------|----|---|----|----|---|-------|---|-----|----|---|---|---|
| 1974 | | | | | | | | | | | | | | | | |
| 5/16 | 5.8 | 5.8 | 110 | 0.15 | 4 | 3 | 24 | 19 | 1 | 100 | 0 | 100 | 81 | - | - | - |
| 6/12 | 6.4 | 6.4 | 150 | 0.01 | 16 | 1 | 40 | 2 | 1 | 900 | 0 | 150 | 8 | - | - | - |
| 7/17 | - | 6.2 | 150 | 0.00 | 20 | - | 52 | - | 1 | 900 | 0 | 150 | - | - | - | - |
| 8/21 | - | 6.4 | 170 | - | 4 | - | 84 | - | - | 1,300 | 0 | 150 | - | - | - | - |

Sample No. 71
Stream No. 1 - (5.76)

| | | | | | | | | | | | | | | | | |
|------|-----|-----|-------|-------|-----|--------|---|--------|--------|--------|-------|--------|--------|---|---|---|
| 1974 | | | | | | | | | | | | | | | | |
| 5/16 | 4.8 | 3.4 | 1,000 | 26.49 | 76 | 10,851 | 0 | 18,800 | 2,684 | 0 | - | 275 | 39,265 | - | - | - |
| 6/18 | 3.6 | 3.1 | 1,700 | 11.02 | 200 | 11,880 | 0 | 60,900 | 3,617 | 38,080 | 2,262 | 1,450 | 86,127 | - | - | - |
| 7/18 | - | 2.7 | 2,300 | 6.83 | 800 | 29,451 | 0 | 45,400 | 23,500 | 866 | 950 | 34,973 | - | - | - | - |
| 8/21 | - | 3.0 | 2,500 | 5.11 | 250 | 6,886 | 0 | 43,200 | 1,190 | 0 | - | 1,450 | 39,937 | - | - | - |
| 9/25 | - | 3.0 | 1,550 | 11.92 | 300 | 19,275 | 0 | 50,700 | 3,157 | 45,920 | 2,950 | 1,325 | 85,130 | - | - | - |

Sample No. 72
Stream No. 1-07 (0.00)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ /day | ALKALINITY mg/l | Fe Total ug/l | Fe Total #/day | ug/l | Fe++ #/day | mg/l | SO ₄ #/day | mg/l | HARDNESS #/day | mg/l | Cl #/day |
|------|----------|--------|-------|--------|------|----------------------|-----------------|---------------|----------------|--------|------------|-------|-----------------------|-------|----------------|------|----------|
| 1974 | | | | | | | | | | | | | | | | | |
| 5/16 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6/18 | 5.9 | 5.9 | 2,500 | 0.41 | 80 | 177 | 76 | 14,500 | 32 | 5,600 | 12 | 1,475 | 3,260 | 1,700 | 3,757 | 50 | 111 |
| 7/18 | - | 5.6 | 2,500 | 0.49 | 116 | 306 | 56 | 20,600 | 54 | 0 | - | 1,800 | 4,752 | - | - | 7.5 | 20 |
| 8/21 | - | 5.6 | 2,700 | 0.37 | 50 | 100 | 38 | 22,500 | 45 | 4,480 | 89 | 2,275 | 4,537 | - | - | - | - |
| 9/25 | - | 5.7 | 2,200 | 0.62 | 54 | 180 | 39 | 18,700 | 62 | 11,200 | 37 | 1,950 | 6,517 | - | - | - | - |
| 1974 | | | | | | | | | | | | | | | | | |
| 5/16 | 3.2 | 3.1 | 1,500 | 4.37 | 200 | 4,711 | 0 | 30,300 | 714 | 0 | - | 725 | 17,077 | - | - | - | - |
| 6/18 | 3.7 | 3.1 | 1,680 | 10.10 | 200 | 10,888 | 0 | 61,100 | 3,326 | 56,000 | 3,049 | 825 | 44,912 | - | - | - | - |
| 7/18 | - | 2.7 | 2,400 | 5.10 | 600 | 16,493 | 0 | 47,600 | 1,308 | 30,240 | 831 | 1,500 | 41,234 | - | - | - | - |
| 8/21 | - | 2.8 | 2,600 | 4.30 | 280 | 6,490 | 0 | 44,800 | 1,038 | 6,720 | 156 | 1,550 | 35,924 | - | - | - | - |
| 9/25 | - | 3.0 | 1,700 | 10.46 | 500 | 28,190 | 0 | 38,900 | 2,193 | 33,680 | 1,899 | 1,300 | 73,294 | - | - | - | - |

Sample No. 73
Stream No. 1 (5.82)

Sample No. 74
Stream No. 1-11-01 (0.66)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ /day | ALKALINITY mg/l | Fe Total ug/l | Fe Total #/day | ug/l | Fe++ #/day | mg/l | SO ₄ #/day | mg/l | HARDNESS #/day | mg/l | Cl #/day |
|------|----------|--------|-------|--------|------|----------------------|-----------------|---------------|----------------|--------|------------|-------|-----------------------|------|----------------|------|----------|
| 1974 | | | | | | | | | | | | | | | | | |
| 5/21 | 5.7 | 5.0 | 1,700 | 0.59 | 44 | 140 | 10 | 12,400 | 39 | 0 | - | 1,025 | 3,260 | - | - | - | - |
| 6/19 | - | 5.1 | 1,600 | 0.18 | 132 | 128 | 18 | 29,700 | 29 | 20,160 | 20 | 775 | 752 | - | - | - | - |
| 7/17 | - | 2.9 | 2,000 | 0.36 | 600 | 1,164 | 0 | 26,300 | 51 | 0 | - | 1,275 | - | - | - | - | - |
| 8/21 | - | 5.4 | 1,800 | 0.20 | 34 | 37 | 28 | 11,500 | 12 | 0 | - | 1,200 | 1,294 | - | - | - | - |
| 9/25 | - | 6.0 | 1,500 | 0.30 | 24 | 39 | 70 | 3,500 | 6 | 3,360 | 5 | 1,300 | 2,102 | - | - | - | - |

Sample No. 75
Stream No. 1-11-01 (0.03)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ /day | ALKALINITY mg/l | Fe Total ug/l | Fe Total #/day | ug/l | Fe++ #/day | mg/l | SO ₄ #/day | mg/l | HARDNESS #/day | mg/l | Cl #/day |
|------|----------|--------|-------|--------|------|----------------------|-----------------|---------------|----------------|------|------------|-------|-----------------------|-------|----------------|------|----------|
| 1974 | | | | | | | | | | | | | | | | | |
| 5/21 | 6.7 | 6.2 | 1,600 | 0.51 | 14 | 39 | 132 | 363 | 200 | 0 | - | 900 | 2,474 | 1,000 | 2,749 | - | - |
| 6/19 | - | 7.0 | 1,500 | 0.13 | 16 | 11 | 164 | 115 | 300 | 0 | - | 700 | 491 | 900 | 631 | 25 | 18 |
| 7/17 | - | 6.5 | 1,700 | 0.12 | 14 | 9 | 160 | 103 | 100 | 0 | - | 975 | 631 | - | - | 10 | 7 |
| 8/21 | - | 7.2 | 1,700 | 0.16 | 0 | - | 170 | 147 | 800 | 0 | - | 1,000 | 862 | - | - | - | - |
| 9/25 | - | 6.3 | 1,500 | 0.27 | 8 | 12 | 94 | 137 | 300 | 0 | - | 1,325 | 1,928 | - | - | - | - |

Sample No. 76
Stream No. 1-11-01 (0.68)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ /day | ALKALINITY mg/l | Fe Total ug/l | Fe Total #/day | ug/l | Fe++ #/day | mg/l | SO ₄ #/day | mg/l | HARDNESS #/day | mg/l | Cl #/day |
|------|----------|--------|-------|--------|------|----------------------|-----------------|---------------|----------------|-------|------------|-------|-----------------------|-------|----------------|------|----------|
| 1974 | | | | | | | | | | | | | | | | | |
| 5/21 | 3.1 | 2.9 | 2,000 | 0.13 | 250 | 175 | 0 | 41,200 | 29 | 0 | - | 1,175 | 823 | 1,090 | 764 | - | - |
| 6/19 | - | 2.9 | 2,100 | 0.04 | 400 | 86 | 0 | 64,100 | 14 | 7,840 | 2 | 950 | 205 | 1,200 | 259 | 50 | 11 |
| 7/17 | - | 2.6 | 2,700 | 0.05 | 800 | 216 | 0 | 43,500 | 12 | 2,240 | 1 | 1,550 | 418 | - | - | 10 | 3 |
| 8/21 | - | 2.8 | 2,500 | 0.02 | 280 | 30 | 0 | 13,600 | 1 | 0 | - | 1,425 | 154 | - | - | - | - |
| 9/25 | - | 6.3 | 1,800 | 0.06 | 8 | 3 | 94 | 30 | 300 | 0 | - | 1,325 | 429 | - | - | - | - |

Sample No. 77
Stream No. 1-01-14-09 (0.06)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ /day | ALKALINITY mg/l | Fe Total ug/l | Fe Total #/day | ug/l | Fe++ #/day | mg/l | SO ₄ #/day | mg/l | HARDNESS #/day | mg/l | Cl #/day |
|------|----------|--------|------|--------|------|----------------------|-----------------|---------------|----------------|------|------------|------|-----------------------|------|----------------|------|----------|
| 1974 | | | | | | | | | | | | | | | | | |
| 5/15 | 6.0 | 5.8 | 140 | 0.44 | 4 | 10 | 36 | 85 | 300 | 0 | - | 150 | 356 | 130 | 308 | - | - |
| 6/12 | 6.3 | 6.6 | 200 | 0.02 | 6 | 1 | 82 | 9 | 900 | 0 | - | 175 | 19 | 200 | 22 | 15 | 2 |
| 7/17 | - | 6.1 | 300 | 0.02 | 2 | 1 | 100 | 11 | 1,100 | 0 | - | 200 | 22 | - | - | 10 | 1 |
| 9/24 | - | 5.8 | 210 | 0.12 | 8 | 5 | 28 | 18 | 900 | 0 | - | 175 | 114 | - | - | - | - |

Sample No. 78
Stream No. 1-01-14-07 (0.02)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l #/day | Fe Total ug/l #/day | Fe++ ug/l #/day | mg/l | SO ₄ #/day | HARDNESS mg/l #/day | Cl #/day |
|------|----------|--------|------|---------|------|-----------------------|-----------------------|---------------------|-----------------|------|-----------------------|---------------------|----------|
| 1974 | | | | | | | | | | | | | |
| 5/15 | 6.4 | 5.9 | 100 | 0.99 | 2 | 11 | 22 | 117 | 300 | 2 | 400 | 70 | 375 |
| 6/12 | 6.1 | 6.6 | 150 | 0.01 | 4 | 1 | 66 | 4 | 300 | 1 | 8 | 100 | 5 |
| 7/17 | - | 5.9 | 160 | 0.02 | 16 | 2 | 44 | 5 | 2,200 | 1 | 4 | - | 10 |
| 8/21 | - | - | - | No Flow | - | - | - | - | - | - | - | - | - |
| 9/24 | - | 5.9 | 120 | 0.51 | 6 | 17 | 20 | 55 | 100 | 1 | 550 | - | - |

Sample No. 79
Stream No. 1-11-05-01 (0.03)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l #/day | Fe Total ug/l #/day | Fe++ ug/l #/day | mg/l | SO ₄ #/day | HARDNESS mg/l #/day | Cl #/day |
|------|----------|--------|-------|--------|------|-----------------------|-----------------------|---------------------|-----------------|------|-----------------------|---------------------|----------|
| 1974 | | | | | | | | | | | | | |
| 5/23 | 4.7 | 4.5 | 1,900 | 0.11 | 80 | 47 | 0 | - | 600 | 1 | 771 | - | - |
| 6/19 | - | 4.6 | 1,850 | 0.02 | 86 | 9 | 4 | 1 | 100 | 1 | 100 | - | - |
| 7/25 | - | 4.4 | 2,000 | 0.01 | 38 | 2 | 0 | - | 300 | 1 | 78 | - | - |
| 8/21 | - | 4.5 | 2,200 | 0.01 | 38 | 2 | 0 | - | 600 | 1 | 75 | - | - |
| 9/26 | - | 4.4 | 2,000 | 0.04 | 40 | 9 | 0 | - | 300 | 1 | 345 | - | - |

Sample No. 80
Stream No. 1-11-05 (0.23)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l #/day | Fe Total ug/l #/day | Fe++ ug/l #/day | mg/l | SO ₄ #/day | HARDNESS mg/l #/day | Cl #/day |
|------|----------|--------|-------|--------|------|-----------------------|-----------------------|---------------------|-----------------|------|-----------------------|---------------------|----------|
| 1974 | | | | | | | | | | | | | |
| 5/23 | 6.6 | 5.6 | 1,150 | 0.60 | 12 | 39 | 38 | 123 | 1,500 | 5 | 2,183 | 780 | 2,523 |
| 6/19 | - | 5.8 | 1,625 | 0.17 | 16 | 15 | 20 | 18 | 500 | 1 | 710 | 1,000 | 916 |
| 7/25 | - | 6.1 | 1,800 | 0.13 | 6 | 4 | 26 | 18 | 400 | 1 | 881 | - | 2.5 |
| 8/21 | - | 5.6 | 2,000 | 0.14 | 6 | 5 | 20 | 15 | 1,100 | 1 | 981 | - | - |
| 9/26 | - | 5.9 | 1,500 | 0.46 | 18 | 45 | 22 | 55 | 600 | 1 | 2,976 | - | - |

Sample No. 81
Stream No. 1-11 (2.90)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l #/day | Fe Total ug/l #/day | Fe++ ug/l #/day | mg/l | SO ₄ #/day | HARDNESS mg/l #/day | Cl #/day |
|------|----------|--------|------|--------|------|-----------------------|-----------------------|---------------------|-----------------|------|-----------------------|---------------------|----------|
| 1974 | | | | | | | | | | | | | |
| 5/23 | 6.0 | 5.2 | 900 | 1.44 | 14 | 109 | 8 | 62 | 500 | 4 | 3,493 | 610 | 4,735 |
| 6/19 | - | 6.1 | 700 | 0.04 | 12 | 3 | 34 | 7 | 200 | 1 | 49 | 400 | 86 |
| 7/25 | - | 6.4 | 750 | 0.12 | 2 | 1 | 36 | 23 | 0 | - | 243 | - | 2.5 |
| 8/22 | - | 6.7 | 825 | 0.01 | 0 | - | 78 | 4 | 1,100 | 1 | 20 | - | - |
| 9/26 | - | 5.9 | 820 | 0.34 | 12 | 22 | 10 | 18 | 100 | 1 | 1,191 | - | - |

Sample No. 82
Stream No. 1-11-07 (0.03)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l #/day | Fe Total ug/l #/day | Fe++ ug/l #/day | mg/l | SO ₄ #/day | HARDNESS mg/l #/day | Cl #/day |
|------|----------|--------|-------|--------|------|-----------------------|-----------------------|---------------------|-----------------|------|-----------------------|---------------------|----------|
| 1974 | | | | | | | | | | | | | |
| 5/23 | 6.8 | 6.1 | 450 | 0.30 | 8 | 13 | 104 | 168 | 300 | 1 | 202 | - | - |
| 6/19 | - | 7.2 | 800 | 0.13 | 0 | - | 178 | 125 | 200 | 1 | 138 | - | - |
| 7/25 | - | 7.3 | 900 | 0.03 | 0 | - | 172 | 28 | 0 | - | 69 | - | - |
| 8/22 | - | 7.5 | 1,090 | 0.03 | 0 | 1 | 234 | 38 | 300 | 1 | 77 | - | - |
| 9/26 | - | 6.2 | 7,300 | 0.23 | 8 | 10 | 98 | 122 | 0 | - | 527 | - | - |

Sample No. 83
Stream No. 1-14 (0.09)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l #/day | Fe Total ug/l #/day | Fe++ ug/l #/day | mg/l | SO ₄ #/day | HARDNESS mg/l #/day | Cl #/day |
|------|----------|--------|-------|--------|------|-----------------------|-----------------------|---------------------|-----------------|------|-----------------------|---------------------|----------|
| 1974 | | | | | | | | | | | | | |
| 5/21 | 3.2 | 3.3 | 2,030 | 0.06 | 222 | 72 | 0 | - | 5,700 | 2 | 380 | - | - |
| 6/18 | 3.4 | 3.5 | 2,100 | 0.05 | 160 | 43 | 0 | - | 19,300 | 5 | 290 | - | - |
| 7/23 | - | 5.1 | 1,750 | 0.31 | 128 | 214 | 46 | 77 | 19,400 | 32 | 2,047 | - | - |
| 8/19 | - | 6.3 | 970 | 0.01 | 28 | 2 | 360 | 19 | 24,600 | 1 | 15 | - | - |
| 9/26 | - | 4.6 | 1,040 | 0.05 | 80 | 22 | 4 | 1 | 8,900 | 2 | 249 | - | - |

Sample No. 84
Stream No. 1-16 (0.24)

| DATE | pH field | pH lab | S.C. | c.f.s. mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe Total ug/l | Fe++ ug/l | Fe++ #/day | SO ₄ mg/l | SO ₄ #/day | HARDNESS mg/l | HARDNESS #/day | Cl mg/l | Cl #/day |
|------|----------|--------|------|-------------|-----------------------|-----------------|---------------|-----------|------------|----------------------|-----------------------|---------------|----------------|---------|----------|
| 1974 | | | | | | | | | | | | | | | |
| 5/21 | 5.6 | 5.2 | 900 | 0.09 | 40 | 10 | 5 | 700 | 1 | 425 | 206 | - | - | - | - |
| 6/18 | 5.1 | 5.7 | 900 | 0.17 | 32 | 24 | 22 | 300 | 1 | 350 | 321 | - | - | - | - |
| 7/23 | - | 5.7 | 660 | 0.03 | 34 | 38 | 6 | 500 | 1 | 375 | 61 | - | - | - | - |
| 8/19 | - | 6.1 | 870 | 0.05 | 8 | 156 | 42 | 1,700 | 1 | 375 | 101 | - | - | - | - |
| 9/26 | - | 5.6 | 710 | 0.10 | 70 | 82 | 44 | 500 | 1 | 450 | 243 | - | - | - | - |

Sample No. 85
Stream No. 1-22 (0.12)

| | | | | | | | | | | | | | | | |
|------|-----|-----|-------|------|----|----|-----|-----|---|-----|-------|-----|-------|----|---|
| 1974 | | | | | | | | | | | | | | | |
| 5/21 | 6.0 | 6.0 | 850 | 0.55 | 6 | 48 | 142 | 300 | 1 | 375 | 1,112 | 400 | 1,186 | - | - |
| 6/19 | - | 6.2 | 900 | 0.28 | 8 | 70 | 106 | 200 | 1 | 300 | 453 | 500 | 755 | 4 | 6 |
| 7/24 | - | 6.2 | 890 | 0.14 | 10 | 60 | 45 | 100 | 1 | 575 | 434 | - | - | 10 | 8 |
| 8/22 | - | 6.1 | 1,050 | 0.16 | 2 | 42 | 36 | 300 | 1 | 650 | 561 | - | - | - | - |
| 9/26 | - | 6.1 | 725 | 0.44 | 14 | 40 | 95 | 0 | - | 575 | 1,363 | - | - | - | - |

Sample No. 86
Stream No. 1-24 (0.13)

| | | | | | | | | | | | | | | | |
|------|-----|-----|-----|-------|----|-----|-----|-----|---|-----|-----|---|---|---|---|
| 1974 | | | | | | | | | | | | | | | |
| 5/21 | 6.1 | 6.2 | 225 | 0.16 | 4 | 90 | 78 | 300 | 1 | 35 | 30 | - | - | - | - |
| 6/19 | - | 6.7 | 250 | 0.52 | 8 | 140 | 392 | 700 | 2 | 225 | 631 | - | - | - | - |
| 7/24 | - | 6.6 | 250 | 0.02 | 14 | 148 | 16 | 500 | 1 | 275 | 30 | - | - | - | - |
| 9/26 | - | 6.7 | 200 | 0.006 | 20 | 80 | 3 | 100 | 1 | 250 | 8 | - | - | - | - |

Sample No. 87
Stream No. 1-25 (0.08)

| DATE | pH field | pH lab | S.C. | c.f.s. mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe Total ug/l | Fe++ ug/l | Fe++ #/day | SO ₄ mg/l | SO ₄ #/day | HARDNESS mg/l | HARDNESS #/day | Cl mg/l | Cl #/day |
|------|----------|--------|------|-------------|-----------------------|-----------------|---------------|-----------|------------|----------------------|-----------------------|---------------|----------------|---------|----------|
| 1974 | | | | | | | | | | | | | | | |
| 5/21 | 5.9 | 6.3 | 240 | 3.83 | 4 | 40 | 826 | 600 | 12 | 150 | 3,097 | 160 | 3,303 | - | - |
| 6/19 | - | 6.7 | 260 | 1.29 | 10 | 72 | 501 | 100 | 1 | 100 | 695 | 100 | 695 | 7 | 49 |
| 7/24 | - | 6.5 | 300 | 0.48 | 8 | 86 | 223 | 100 | 1 | 225 | 582 | - | - | 7.5 | 19 |
| 8/22 | - | 6.5 | 475 | 0.51 | 0 | 90 | 247 | 1,600 | 4 | 275 | 756 | - | - | - | - |
| 9/26 | - | 6.4 | 250 | 1.51 | 8 | 50 | 407 | 100 | 1 | 200 | 1,628 | - | - | - | - |

Sample No. 88
Stream No. 1 (10.47)

| | | | | | | | | | | | | | | | |
|------|-----|-----|-----|------|---|----|-----|-----|---|-----|-----|-----|-----|-----|----|
| 1974 | | | | | | | | | | | | | | | |
| 5/21 | 6.5 | 6.4 | 190 | 1.21 | 4 | 42 | 274 | 300 | 2 | 150 | 978 | 150 | 978 | - | - |
| 6/19 | - | 6.8 | 240 | 0.59 | 2 | 78 | 248 | 100 | 1 | 44 | 140 | 100 | 318 | 5 | 16 |
| 7/24 | - | 6.7 | 200 | 0.37 | 4 | 70 | 140 | 300 | 1 | 225 | 449 | - | - | 2.5 | 5 |
| 8/22 | - | 6.6 | 250 | 0.13 | 0 | 84 | 59 | 700 | 1 | 158 | - | - | - | - | - |

Sample No. 89
Stream No. 1-26 (0.06)

| | | | | | | | | | | | | | | | |
|------|-----|-----|-----|------|---|-----|-------|-----|------|-----|-------|---|---|---|---|
| 1974 | | | | | | | | | | | | | | | |
| 5/21 | 6.5 | 6.3 | 190 | 0.14 | 6 | 70 | 52.82 | 200 | 0.15 | 125 | 94.33 | - | - | - | - |
| 6/19 | - | 6.8 | - | 0.04 | 2 | 142 | 30.61 | 0 | 0 | 150 | 32.34 | - | - | - | - |
| 7/24 | - | 6.9 | 210 | 0.01 | 6 | 144 | 8 | 100 | 1 | 225 | 12 | - | - | - | - |
| 8/22 | - | 7.0 | 210 | 0.01 | 0 | 164 | 9 | 900 | 1 | 250 | 13 | - | - | - | - |

Sample No. 90
Stream No. 1 (11.17)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe Total ug/l | Fe++ ug/l | #/day | mg/l | SO ₄ #/day | mg/l | HARDNESS #/day | mg/l | Cl #/day |
|------|----------|--------|------|--------|------|-----------------------|-----------------|---------------|-----------|-------|------|-----------------------|------|----------------|------|----------|
| 1974 | | | | | | | | | | | | | | | | |
| 5/21 | 6.4 | 6.3 | 110 | 0.62 | 6 | 20.05 | 50 | 167.09 | 100 | 0.334 | 0 | 0 | 75 | 250.64 | - | - |
| 6/19 | - | 6.9 | 155 | 0.30 | 4 | 6.47 | 74 | 119.66 | 0 | 0 | 0 | 0 | 16 | 25.87 | - | - |
| 7/24 | - | 6.7 | 150 | 0.12 | 0 | 0 | 92 | 60 | 100 | 1 | 0 | 0 | 275 | 178 | - | - |
| 8/22 | - | 6.0 | 125 | - | 0 | - | 70 | - | 2,100 | - | 0 | 0 | 225 | - | - | - |

Sample No. 91
Stream No. 1 (12.04)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe Total ug/l | Fe++ ug/l | #/day | mg/l | SO ₄ #/day | mg/l | HARDNESS #/day | mg/l | Cl #/day |
|------|----------|--------|------|--------|------|-----------------------|-----------------|---------------|-----------|-------|------|-----------------------|------|----------------|------|----------|
| 1974 | | | | | | | | | | | | | | | | |
| 5/21 | 6.7 | 6.3 | 150 | 0.21 | 4 | 4.53 | 44 | 49.80 | 300 | 0.34 | 0 | 0 | 30 | 33.96 | 60 | 67.91 |
| 6/19 | - | 6.9 | 150 | 0.08 | 2 | 0.86 | 100 | 43.12 | 100 | 0.43 | 0 | 0 | 150 | 64.68 | 100 | 43.12 |
| 7/24 | - | 6.6 | 160 | 0.03 | 2 | 0.32 | 122 | 19.73 | 200 | 0.032 | 0 | 0 | 275 | 44.47 | - | 3 |
| 8/22 | - | 7.0 | 200 | 0.021 | 0 | - | 182 | 21 | 1200 | 1 | 0 | 0 | 250 | 28 | - | 5 |

Sample No. 92
Stream No. 1-25-02 (0.40)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe Total ug/l | Fe++ ug/l | #/day | mg/l | SO ₄ #/day | mg/l | HARDNESS #/day | mg/l | Cl #/day |
|------|----------|--------|------|--------|------|-----------------------|-----------------|---------------|-----------|-------|------|-----------------------|------|----------------|------|----------|
| 1974 | | | | | | | | | | | | | | | | |
| 5/21 | 6.5 | 6.3 | 125 | 0.34 | 4 | 7 | 50 | 92 | 100 | 1 | 0 | 0 | 30 | 55 | 140 | 256 |
| 6/19 | - | 6.8 | 140 | 0.14 | 2 | 2 | 76 | 57 | 0 | - | 0 | 0 | 100 | 75 | 100 | 75 |
| 7/24 | - | 6.6 | 150 | 0.03 | 2 | 1 | 100 | 16 | 100 | 1 | 0 | 0 | 200 | 32 | - | 2 |

Sample No. 93
Stream No. 1-25 (0.91)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe Total ug/l | Fe++ ug/l | #/day | mg/l | SO ₄ #/day | mg/l | HARDNESS #/day | mg/l | Cl #/day |
|------|----------|--------|------|--------|------|-----------------------|-----------------|---------------|-----------|-------|------|-----------------------|------|----------------|------|----------|
| 1974 | | | | | | | | | | | | | | | | |
| 5/21 | 5.8 | 6.4 | 250 | 1.79 | 4 | 39 | 24 | 232 | 400 | 4 | 0 | 0 | 85 | 821 | 990 | 9,552 |
| 6/19 | - | 6.3 | 320 | 1.12 | 4 | 24 | 42 | 254 | 100 | 1 | 0 | 0 | 225 | 1,358 | 200 | 1,207 |
| 7/24 | - | 6.7 | 310 | 0.35 | 2 | 4 | 56 | 106 | 100 | 1 | 0 | 0 | 200 | 377 | - | 10 |
| 8/22 | - | 6.8 | 525 | 0.42 | 0 | - | 58 | 131 | 1,600 | 4 | 0 | 0 | 275 | 623 | - | 5 |
| 9/26 | - | 6.1 | 280 | 0.75 | 14 | 57 | 28 | 113 | 600 | 2 | 0 | 0 | 24 | 97 | - | 9 |

Sample No. 94
Stream No. 1-25-06 (0.02)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe Total ug/l | Fe++ ug/l | #/day | mg/l | SO ₄ #/day | mg/l | HARDNESS #/day | mg/l | Cl #/day |
|------|----------|--------|------|--------|------|-----------------------|-----------------|---------------|-----------|-------|------|-----------------------|------|----------------|------|----------|
| 1974 | | | | | | | | | | | | | | | | |
| 5/21 | 6.4 | 6.3 | 250 | 0.37 | 6 | 12 | 92 | 183 | 100 | 1 | 0 | 0 | 40 | 80 | - | - |
| 6/19 | - | 6.6 | 400 | 0.06 | 10 | 3 | 100 | 32 | 100 | 1 | 0 | 0 | 225 | 73 | - | - |
| 7/24 | - | 6.9 | 250 | 0.04 | 4 | 11 | 116 | 25 | 0 | - | 0 | 0 | 225 | 49 | - | - |
| 8/22 | - | 6.6 | 300 | 0.02 | 0 | - | 116 | 13 | 900 | 1 | 0 | 0 | 225 | 24 | - | - |

Sample No. 95
Stream No. 1-25-08 (0.00)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH ₈ #/day | ALKALINITY mg/l | Fe Total ug/l | Fe++ ug/l | #/day | mg/l | SO ₄ #/day | mg/l | HARDNESS #/day | mg/l | Cl #/day |
|------|----------|--------|------|--------|------|-----------------------|-----------------|---------------|-----------|-------|------|-----------------------|------|----------------|------|----------|
| 1974 | | | | | | | | | | | | | | | | |
| 5/21 | 6.0 | 6.3 | 150 | 0.40 | 6 | 13 | 92 | 198 | 100 | 1 | 0 | 0 | 40 | 86 | - | - |
| 6/19 | - | 4.6 | 400 | 0.49 | 22 | 58 | 4 | 11 | 2,100 | 6 | 0 | 0 | 150 | 396 | - | - |
| 7/24 | - | 7.0 | 160 | 0.07 | 0 | - | 104 | 39 | 600 | 1 | 0 | 0 | 225 | 85 | - | - |
| 8/22 | - | 6.5 | 230 | 0.004 | 0 | - | 92 | 2 | 400 | 1 | 0 | 0 | 175 | 4 | - | - |

Sample No. 96
Stream No. 1-25 (1.42)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH8 #/day | ALKALINITY mg/l | Fe Total ug/l | Fe++ ug/l | #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | #/day | mg/l | Cl #/day |
|------|----------|--------|------|--------|------|-----------|-----------------|---------------|-----------|-------|------|-----------------------|---------------|-------|------|----------|
| 1974 | | | | | | | | | | | | | | | | |
| 5/21 | 5.0 | 4.3 | 350 | 0.30 | 26 | 42 | 0 | 700 | 0 | - | 150 | 243 | - | - | - | - |
| 6/19 | - | 6.6 | 140 | 0.19 | 4 | 4 | 82 | 100 | 0 | - | 100 | 102 | - | - | - | - |
| 7/24 | - | 7.0 | 380 | 0.05 | 0 | - | 104 | 600 | 0 | - | 225 | 61 | - | - | - | - |
| 8/22 | - | 3.7 | 380 | - | 26 | - | 0 | 3,300 | 0 | - | 250 | - | - | - | - | - |

Sample No. 97
Stream No. 507

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH8 #/day | ALKALINITY mg/l | Fe Total ug/l | Fe++ ug/l | #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | #/day | mg/l | Cl #/day |
|------|----------|--------|-------|--------|------|-----------|-----------------|---------------|-----------|-------|-------|-----------------------|---------------|-------|------|----------|
| 1974 | | | | | | | | | | | | | | | | |
| 5/22 | 3.3 | 3.0 | 1,400 | 0.05 | 330 | 89 | 0 | 18,500 | 1,120 | - | 850 | 229 | 105 | 28 | - | - |
| 6/17 | 3.2 | 3.0 | 1,600 | 0.07 | 400 | 151 | 0 | 24,900 | 4,480 | 2 | 650 | 245 | 800 | 302 | 6 | 2 |
| 7/24 | - | 2.7 | 1,725 | 0.14 | 440 | 332 | 0 | 22,900 | 10,080 | 8 | 1,225 | 924 | - | - | 5 | 4 |
| 8/19 | - | 2.8 | 1,900 | 0.06 | 320 | 103 | 0 | 29,400 | 0 | 0 | 1,075 | 348 | - | - | - | - |
| 9/26 | - | 3.1 | 1,800 | 0.12 | 376 | 243 | 0 | 29,500 | 19,040 | 12 | 1,425 | 922 | - | - | - | - |

Sample No. 98
Stream No. 1-18-02 (0.00)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH8 #/day | ALKALINITY mg/l | Fe Total ug/l | Fe++ ug/l | #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | #/day | mg/l | Cl #/day |
|------|----------|--------|------|--------|------|-----------|-----------------|---------------|-----------|-------|------|-----------------------|---------------|-------|------|----------|
| 1974 | | | | | | | | | | | | | | | | |
| 5/23 | 6.5 | 6.3 | 450 | 3.19 | 6 | 103 | 52 | 894 | 0 | - | 190 | 3,267 | - | - | - | - |
| 6/17 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 7/23 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Sample No. 99
Stream No. 1-18-04 (0.00)

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH8 #/day | ALKALINITY mg/l | Fe Total ug/l | Fe++ ug/l | #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | #/day | mg/l | Cl #/day |
|------|----------|--------|-------|--------|------|-----------|-----------------|---------------|-----------|-------|------|-----------------------|---------------|-------|------|----------|
| 1974 | | | | | | | | | | | | | | | | |
| 5/23 | 6.3 | 6.3 | 350 | 1.54 | 14 | 116 | 56 | 865 | 0 | - | 115 | 955 | - | - | - | - |
| 6/17 | - | 6.6 | - | 0.32 | 2 | 3 | 118 | 204 | 0 | - | 250 | 431 | - | - | - | - |
| 7/23 | - | 7.1 | 950 | 0.20 | 0 | - | 180 | 194 | 0 | - | 425 | 458 | - | - | - | - |
| 8/19 | - | 7.0 | 1,100 | 0.09 | 0 | - | 190 | 92 | 0 | - | 600 | 291 | - | - | - | - |
| 9/26 | - | 6.9 | 800 | 0.25 | 24 | 32 | 90 | 121 | 0 | - | 575 | 775 | - | - | - | - |

Sample No. 100
Stream No. 909

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH8 #/day | ALKALINITY mg/l | Fe Total ug/l | Fe++ ug/l | #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | #/day | mg/l | Cl #/day |
|------|----------|--------|------|--------|------|-----------|-----------------|---------------|-----------|-------|------|-----------------------|---------------|-------|------|----------|
| 1974 | | | | | | | | | | | | | | | | |
| 5/22 | 3.3 | 3.2 | 800 | 0.10 | 86 | 46 | 0 | 1,600 | 0 | - | 340 | 183 | 340 | 183 | - | - |
| 6/17 | 3.4 | 3.3 | 870 | 0.05 | 140 | 38 | 0 | 1,300 | 0 | - | 275 | 74 | 300 | 81 | 3 | 1 |
| 7/24 | - | 2.9 | 900 | 0.03 | 160 | 26 | 0 | 1,100 | 0 | - | 350 | 57 | - | - | 5 | 1 |
| 8/19 | - | 3.1 | 950 | 0.026 | 102 | 14 | 0 | 3,200 | 0 | - | 550 | 77 | - | - | - | - |
| 9/26 | - | 3.6 | 775 | 0.04 | 144 | 31 | 0 | 2,100 | 0 | - | 550 | 119 | - | - | - | - |

Sample No. 101
Stream No. 510

| DATE | pH field | pH lab | S.C. | c.f.s. | mg/l | pH8 #/day | ALKALINITY mg/l | Fe Total ug/l | Fe++ ug/l | #/day | mg/l | SO ₄ #/day | HARDNESS mg/l | #/day | mg/l | Cl #/day |
|------|----------|--------|------|--------|------|-----------|-----------------|---------------|-----------|-------|------|-----------------------|---------------|-------|------|----------|
| 1974 | | | | | | | | | | | | | | | | |
| 5/22 | 4.5 | 4.3 | 650 | 0.02 | 50 | 5 | 0 | 200 | 0 | - | 265 | 29 | 350 | 38 | - | - |
| 6/17 | 5.2 | 4.4 | 620 | 0.02 | 32 | 3 | 0 | 100 | 0 | - | 255 | 27 | 300 | 32 | 0 | - |
| 7/24 | - | 4.0 | 725 | 0.04 | 30 | 6 | 0 | 0 | 0 | - | 400 | 86 | - | - | 5 | 1 |
| 8/19 | - | 4.0 | 810 | 0.01 | 20 | 1 | 0 | 700 | 0 | - | 350 | 19 | - | - | - | - |
| 9/26 | - | 4.6 | 675 | 0.03 | 26 | 4 | 16 | 0 | 0 | - | 500 | 81 | - | - | - | - |

Sample No. 102
Stream No. 1-18-06 (0.10)

| DATE | pH field | Lab | S.C. | c.f.s. | mg/l | PH ₈ #/day | ALKALINITY mg/l | #/day | Fe Total ug/l | #/day | ug/l | Fett #/day | mg/l | SO ₄ #/day | mg/l | HARDNESS #/day | mg/l | Cl #/day | |
|------|----------|-----|------|--------|------|-----------------------|-----------------|-------|---------------|-------|------|------------|------|-----------------------|------|----------------|------|----------|---|
| 1974 | | | | | | | | | | | | | | | | | | | |
| 5/23 | 6.5 | 6.5 | 290 | 0.41 | 10 | 22 | 76 | 168 | 600 | 1 | 0 | - | 80 | 177 | - | - | - | - | - |
| 6/17 | 6.6 | 6.5 | 340 | 0.04 | 8 | 2 | 70 | 15 | 100 | 1 | 0 | 1 | 225 | 49 | - | - | - | - | - |
| 7/23 | - | 6.1 | 140 | 0.02 | 6 | 1 | 44 | 5 | 600 | 1 | 0 | - | 250 | 27 | - | - | - | - | - |
| 8/19 | - | 6.1 | 250 | 0.03 | 6 | 1 | 76 | 12 | 1,100 | 1 | 0 | - | 250 | 40 | - | - | - | - | - |
| 9/26 | - | 6.5 | 210 | 0.07 | 20 | 8 | 60 | 23 | 0 | - | 0 | - | 175 | 66 | - | - | - | - | - |

Sample No. 103
Stream No. 1-18 (1.79)

| | | | | | | | | | | | | | | | | | | | |
|------|-----|-----|-----|------|----|----|-----|-----|-------|---|---|---|-----|-----|-----|-------|-----|----|---|
| 1974 | | | | | | | | | | | | | | | | | | | |
| 5/23 | 6.0 | 6.6 | 200 | 1.48 | 10 | 80 | 60 | 479 | 400 | 3 | 0 | - | 40 | 319 | 130 | 1,037 | - | - | - |
| 6/17 | 6.6 | 6.6 | 320 | 1.12 | 6 | 37 | 100 | 604 | 1,400 | 8 | 0 | - | 73 | 441 | 200 | 1,207 | 10 | 60 | - |
| 7/23 | - | 7.0 | 325 | 0.04 | 0 | - | 150 | 32 | 0 | - | 0 | - | 225 | 49 | - | - | 7.5 | 2 | - |
| 8/19 | - | 7.1 | 350 | 0.06 | 0 | - | 166 | 54 | 900 | 1 | 0 | - | 225 | 73 | - | - | - | - | - |

Sample No. 104
Stream No. 1-04 (0.80)

| | | | | | | | | | | | | | | | | | | | |
|------|-----|-----|-------|------|----|----|----|-----|-------|---|---|---|-----|-------|-----|-----|-----|---|---|
| 1974 | | | | | | | | | | | | | | | | | | | |
| 5/23 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6/18 | 5.6 | 6.7 | 1,000 | 0.12 | 8 | 5 | 80 | 52 | 0 | - | 0 | - | 325 | 210 | 500 | 323 | 5 | 3 | - |
| 7/17 | - | 5.9 | 960 | 0.50 | 16 | 43 | 48 | 129 | 1,300 | 4 | 0 | - | 550 | 1,482 | - | - | 2.5 | 7 | - |
| 8/21 | - | 6.2 | 1,100 | 0.13 | 8 | 6 | 80 | 56 | 500 | 1 | 0 | - | 475 | 333 | - | - | - | - | - |
| 9/23 | - | 6.1 | 915 | 0.26 | 28 | 39 | 48 | 67 | 100 | 1 | 0 | - | 600 | 840 | - | - | - | - | - |

Sample No. 0
Point Source No. 0

| DATE | pH field | Lab | S.C. | c.f.s. | mg/l | PH ₈ #/day | ALKALINITY mg/l | #/day | Fe Total ug/l | #/day | ug/l | Fett #/day | mg/l | SO ₄ #/day | mg/l | HARDNESS #/day | mg/l | Cl #/day | |
|------|----------|-----|-------|--------|-------|-----------------------|-----------------|-------|---------------|-------|-------|------------|------|-----------------------|-------|----------------|-------|----------|---|
| 1974 | | | | | | | | | | | | | | | | | | | |
| 1/31 | - | 3.1 | - | - | 574 | - | 0 | - | 26,775 | - | 0 | - | - | 4,000 | 4,400 | - | 1,250 | - | - |
| 2/27 | - | 3.0 | - | - | 594 | - | 0 | - | 67,200 | - | 0 | - | - | 3,500 | - | - | - | - | - |
| 4/2 | - | 2.9 | - | - | 600 | - | 0 | - | 26,667 | - | 2,240 | - | - | 3,125 | - | - | - | - | - |
| 5/16 | 2.7 | 2.8 | 4,050 | - | 1,140 | - | 0 | - | 38,500 | - | 0 | - | - | 3,750 | - | - | - | - | - |
| 6/18 | 2.6 | 2.6 | 5,000 | - | 1,200 | - | 0 | - | 53,100 | - | 5,600 | - | - | 4,375 | - | - | - | - | - |
| 7/18 | - | 2.5 | 5,900 | - | 1,400 | - | 0 | - | 93,300 | - | 0 | - | - | 1,550 | - | - | - | - | - |
| 8/20 | - | - | DRY | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 9/25 | - | 3.0 | 4,600 | - | 1,300 | - | 0 | - | 36,400 | - | 1,120 | - | - | 4,500 | - | - | - | - | - |

Sample No. 00
Point Source No. 00

| | | | | | | | | | | | | | | | | | | | |
|------|-----|-----|-------|---|-------|---|---|---|--------|---|--------|---|---|-------|-------|---|-----|---|---|
| 1974 | | | | | | | | | | | | | | | | | | | |
| 1/31 | - | 3.2 | - | - | 398 | - | 0 | - | 10,292 | - | 0 | - | - | 1,800 | 3,800 | - | 250 | - | - |
| 2/27 | - | 3.2 | - | - | 332 | - | 0 | - | 23,044 | - | 11,200 | - | - | 1,460 | - | - | - | - | - |
| 4/2 | - | 3.0 | - | - | 300 | - | 0 | - | 10,238 | - | 1,100 | - | - | 1,100 | - | - | - | - | - |
| 5/16 | 3.0 | 3.1 | 2,300 | - | 418 | - | 0 | - | 7,500 | - | 0 | - | - | 1,525 | - | - | - | - | - |
| 6/18 | 2.9 | 2.9 | 3,300 | - | 600 | - | 0 | - | 21,700 | - | 3,360 | - | - | 2,375 | - | - | - | - | - |
| 7/18 | - | 2.7 | 4,100 | - | 1,300 | - | 0 | - | 26,100 | - | 1,120 | - | - | 2,250 | - | - | - | - | - |
| 8/21 | - | - | 4,500 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 9/25 | - | 3.1 | 3,300 | - | 580 | - | 0 | - | 20,200 | - | 0 | - | - | 3,250 | - | - | - | - | - |