

WATER SYSTEM: MACHINE COOPERS AVE STATION - NEW RIVER

APRIL 1983

| DATE | WHITE PLANT | | | | TREATMENT | | | | BARGE 6950 | | | | BARGE AS 4025 | | | | BARGE 710 | | | | BARGE 2300 | | | | AVERAGE | | |
|-------------|-------------|---------|------|------|-----------|------|------|------|------------|-------|------|------|---------------|------|-------|------|-----------|------|------|-------|------------|------|------|------|---------|-----|-----|
| | CHGS | CHGS | CHGS | THIM | CHGS | CHGS | CHGS | THIM | CHGS | CHGS | CHGS | THIM | CHGS | CHGS | CHGS | THIM | CHGS | CHGS | CHGS | THIM | CHGS | CHGS | CHGS | THIM | | | |
| 21 MAR 1983 | 1144 | 6 | 15 | 48 | LOCKER | 15 | 42 | 63 | 125 | 1317 | 2 | 7 | 23 | 52 | 84 | 1212 | 10 | 30 | 66 | 109 | 1204 | 7 | 19 | 47 | 66 | 139 | |
| 20 AUG 1983 | 1303 | 4 | 9 | 27 | 62 | 5 | 15 | 42 | 63 | 125 | 5 | 15 | 44 | 69 | 133 | 1340 | 4 | 12 | 26 | 51 | 93 | 1330 | 4 | 14 | 41 | 70 | 129 |
| 21 DEC 1983 | 0952 | 5 | 14 | 34 | 55 | 1053 | 7 | 20 | 47 | 77 | 4 | 10 | 31 | 67 | 112 | 1037 | 12 | 34 | 70 | 125 | 1029 | 5 | 11 | 38 | 78 | 131 | |
| 27 MAR 1984 | 1240 | 8 | 19 | 49 | 81 | 1231 | 14 | 35 | 83 | 138 | 7 | 14 | 38 | 86 | 145 | 1037 | 11 | 31 | 81 | 128 | 1029 | 5 | 11 | 32 | 93 | 141 | |
| 21 SEP 1984 | 1023 | 3 | 7 | 22 | 50 | 0952 | 9 | 31 | 65 | 154 | 3 | 9 | 35 | 79 | 124 | 1057 | 10 | 44 | 100 | 154 | 1044 | 2 | 9 | 39 | 136 | 84 | |
| 29 MAR 1985 | 0800-1300 | ROCK IN | TEAN | | | 1105 | 10 | 54 | 200 | 246 | 1058 | 10 | 36 | 98 | 1419 | 1000 | 95 | 40 | 120 | 182 | 1010 | 25 | 45 | 43 | 60 | 215 | |
| 15 MAR 1985 | 416 | 8.2 | 21 | 22 | 55.8 | 4.5 | 17 | 42 | 52 | 171.5 | 5.8 | 15 | 37 | 47 | 104.8 | 6.2 | 15 | 39 | 44 | 104.2 | 10 | 32 | 61 | 61 | 173 | | |
| 2 JUL 1985 | 0754 | 3 | 2 | 15 | 61 | 81 | 3 | 9 | 37 | 154 | 3 | 9 | 35 | 79 | 124 | 1057 | 10 | 44 | 100 | 154 | 1044 | 2 | 9 | 39 | 136 | 84 | |
| 9 JUL 1985 | 0754 | 2 | 2 | 15 | 52 | 71 | 3 | 7 | 42 | 170 | 222 | 3 | 4 | 32 | 143 | 184 | 1110 | 4 | 31 | 63 | 202 | 1052 | 2 | 5 | 33 | 173 | 213 |
| 17 JUL 1985 | 0755 | 2 | 2 | 14 | 68 | 81 | 1110 | 9 | 46 | 146 | 203 | 8 | 37 | 139 | 183 | 1100 | 7 | 31 | 91.5 | 155 | 1055 | 2 | 6 | 32 | 132 | 172 | |
| 24 JUL 1985 | 1245 | 5 | 8 | 13 | 7 | 33 | 1342 | 15 | 31 | 27 | 78 | 1285 | 17 | 30 | 23 | 78 | 1325 | 14 | 25 | 16 | 62 | 1307 | 4 | 6 | 34 | 18 | 87 |
| 31 JUL 1985 | BRACKEN | TEAN | | | | | 1010 | 20 | 36 | 32 | 98 | 939 | 14 | 24 | 13 | 58 | 1000 | 8 | 15 | 26 | 64 | 949 | 8 | 17 | 29 | 20 | 74 |
| 18 SEP 1985 | 846 | 7.8 | 14 | 11 | 41 | 11 | 19 | 35 | 22 | 87 | 12 | 13 | 34 | 22 | 86 | 10 | 15 | 27 | 20 | 74 | 13 | 17 | 33 | 23 | 86 | | |
| 30 DEC 1985 | 4 | 9 | 14 | 8 | 35 | 19 | 19 | 35 | 22 | 87 | 12 | 13 | 34 | 22 | 86 | 10 | 15 | 27 | 20 | 74 | 13 | 17 | 33 | 23 | 86 | | |
| 11 MAR 1986 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

ANALYSIS BY: ARE 1982 - SEP 1984 GRANING LABS, MAR 1985 - JTC

CLW

0000006412

WATER SYSTEM: Moline Boats Ave Station - New River

January 1982 - March 1983

| DATE | NO. SAMPLES | WATER TREATMENT PLANT AS-110 | | | | | Bldg 6-520 Bldg NEW'S ROOM | | | | | Bldg AS-4025 Bldg 710 | | | | | Bldg 2305 DAY MARCH | | | | | AVERAGE | | | | | | | | |
|------------------|-------------|------------------------------|-------------------|-------------------|-------------------|------|----------------------------|-------------------|-------------------|-------------------|------|-----------------------|-------------------|-------------------|-------------------|------|---------------------|-------------------|-------------------|-------------------|------|---------|------|-----|-----|-----|-------|-------|-------|-------|
| | | ClO ₂ | CaCl ₂ | CaCl ₂ | CaCl ₂ | THIM | ClO ₂ | CaCl ₂ | CaCl ₂ | CaCl ₂ | THIM | ClO ₂ | CaCl ₂ | CaCl ₂ | CaCl ₂ | THIM | ClO ₂ | CaCl ₂ | CaCl ₂ | CaCl ₂ | THIM | MS/L | MS/L | | | | | | | |
| MARCH | NO SAMPLES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 APRIL 1982 | 11 | 15 | 20 | 5 | 51 | 13 | 21 | 28 | 11 | 73 | 1310 | 15 | 28 | 45 | 32 | 120 | 1325 | 15 | 25 | 37 | 22 | 99 | 1335 | 15 | 24 | 37 | 24 | 100 | 88.6 | 0.110 |
| 28 MAY | 5 | 10 | 17 | 8 | 40 | 12 | 25 | 40 | 19 | 96 | 1110 | 12 | 25 | 40 | 19 | 96 | 1135 | 8 | 18 | 34 | 21 | 83 | 1140 | 10 | 24 | 46 | 25 | 105 | 78.8 | 0.09 |
| 25 JUNE | 6 | 12 | 21 | 13 | 52 | 13 | 25 | 39 | 17 | 94 | 0933 | 10 | 22 | 39 | 21 | 92 | 1020 | 25 | 39 | 20 | 95 | 1035 | 17 | 35 | 48 | 18 | 118 | 90.2 | 0.09 | |
| 29 JULY | 1 | 9 | 25 | 24 | 44 | 7 | 25 | 54 | 40 | 126 | 1209 | 3 | 14 | 39 | 38 | 94 | 1405 | 2 | 13 | 38 | 41 | 94 | 1135 | 6 | 24 | 60 | 45 | 135 | 102.6 | 0.11 |
| 11 AUGUST | 4 | 8 | 22 | 48 | 82 | 40 | 19 | 43 | 63 | 133 | 1205 | 6 | 13 | 37 | 89 | 145 | 1225 | 11 | 36 | 91 | 143 | 1225 | 13 | 30 | 55 | 44 | 142 | 129.6 | 0.11 | |
| 21 SEPTEMBER | 13 | 18 | 15 | 4 | 50 | 32 | 34 | 35 | 10 | 114 | 1020 | 22 | 27 | 26 | 6 | 81 | 1312 | 25 | 25 | 6 | 77 | 1300 | 31 | 31 | 30 | 6 | 101 | 84 | 0.09 | |
| OCTOBER | NO. SAMPLES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 NOVEMBER | 4 | 8 | 18 | 19 | 49 | 1150 | 21 | 48 | 51 | 127 | 1222 | 17 | 40 | 50 | 113 | 1141 | 15 | 34 | 37 | 91 | 1133 | 7 | 21 | 48 | 49 | 125 | 101 | 0.12 | 0.10 | |
| 29 DECEMBER 1982 | 3 | 9 | 16 | 29 | 57 | 1305 | 7 | 23 | 45 | 51 | 1315 | 7 | 51 | 59 | 144 | 1335 | 22 | 46 | 49 | 124 | 1325 | 6 | 18 | 47 | 50 | 124 | 113.8 | 0.13 | 0.10 | |
| 20 JANUARY 1983 | 2 | 8 | 15 | 22 | 47 | 1305 | 14 | 41 | 69 | 128 | 1317 | 3 | 15 | 54 | 116 | 1308 | 15 | 40 | 48 | 101 | 1328 | 4 | 14 | 33 | 46 | 97 | 101.4 | 0.12 | 0.11 | |
| 25 FEBRUARY | 5 | 7 | 20 | 26 | 58 | 1245 | 18 | 49 | 58 | 131 | 1257 | 7 | 14 | 39 | 48 | 108 | 1320 | 5 | 15 | 39 | 49 | 108 | 1310 | 5 | 13 | 37 | 47 | 102 | 101.4 | 0.11 |
| MARCH 1983 | NO. SAMPLES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVERAGE | 122 | 127 | 175 | 172 | 0.53 | 297 | 407 | 477 | 114 | 172 | 172 | 240 | 253 | 249 | 249 | 217 | 249 | 249 | 217 | 249 | 249 | 249 | 249 | 249 | 249 | 249 | 249 | 249 | 249 | 0.64 |

ANALYSIS BY: OCT 1980 - MAR 1982 U.S. ARMY ENA @ F. McREESON, APR 1982 - SEP 1984 CHAINING LABOURATORY

MISSING A CONTINUED
 RESERVE: DEC-FEB 1984
 CG WTP
 R-13
 YEAR
 EPA
 97.05
 STATE
 97.67

CLW

0000006413

MARINE CORPS AIR STATION - NEW RIVER October 1980 - December 1981

DATA: 487/1 (ppb)

WATERY 1 Bug 4-580
 2ND FIE MEAS ROOM
 BRACKETS REC ROOM
 O CUP GULLY SINK
 BOAT MARINA

| DATE | PLANT | | | MEAS ROOM | | | BRACKETS REC ROOM | | | O CUP GULLY SINK | | | BOAT MARINA | | | AVE | | | | | | | | | | | | | |
|--------------|-----------------|-----------------|-----------------|---------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------|
| | CH ₁ | CH ₂ | CH ₃ | THM | CH ₁ | CH ₂ | CH ₃ | THM | CH ₁ | CH ₂ | CH ₃ | THM | CH ₁ | CH ₂ | CH ₃ | | THM | | | | | | | | | | | | |
| NOVEMBER 80 | No | SAMPLE | 448 | DUPLICATE | 1 | DUPLICATE | 1 | DUPLICATE | 1 | DUPLICATE | 1 | DUPLICATE | 1 | DUPLICATE | 1 | DUPLICATE | 1 | (0.09) | | | | | | | | | | | |
| DECEMBER 80 | 25.9 | 17.7 | 10.6 | 15 | 55.7 | 28.1 | 21.2 | 12.7 | 2.1 | 64.1 | 35.9 | 35.1 | 28.0 | 12.2 | 111.2 | 34.6 | 24.1 | 12.6 | 1.5 | 72.8 | 52.9 | 44.2 | 30.4 | 9.3 | 126.8 | 83.1 | 99.4 | | |
| JANUARY 81 | 17.3 | 21.5 | 25.1 | 16.0 | 79.9 | 33.1 | 44.5 | 43.1 | 22.9 | 143.6 | 29.1 | 30.5 | 35.0 | 18.3 | 118.9 | 22.8 | 34.1 | 38.8 | 23.7 | 119.4 | 21.2 | 31.7 | 36.7 | 23.5 | 113.1 | 78.8 | (0.12) | | |
| FEBRUARY 81 | 20.7 | 18.1 | 14.7 | 4.0 | 58.1 | 29.8 | 29.0 | 23.4 | 6.5 | 89.3 | 39.5 | 38.8 | 31.1 | 10.7 | 120.1 | 29.3 | 29.3 | 23.0 | 6.5 | 88.1 | 30.8 | 30.3 | 23.5 | 6.7 | 91.3 | 84.4 | (0.09) | | |
| MARCH 81 | No | SAMPLE | SAMPLE | BOYLES | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | (0.10) |
| APRIL 81 | 14.0 | 10.4 | 24.4 | 18.6 | 64.4 | 21.6 | 18.2 | 32.1 | 19.2 | 91.1 | 20.4 | 17.5 | 38.5 | 25.1 | 70.5 | 16.9 | 16.5 | 37.0 | 23.8 | 91.2 | 24.6 | 24.9 | 47.3 | 23.7 | 120.5 | 46.1 | (0.10) | | |
| MAY 81 | No | SAMPLE | SAMPLE | BOYLES | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | (0.07) |
| JUNE 81 | 6.8 | 10.8 | 14.9 | 8.6 | 41.1 | 20.8 | 35.7 | 35.5 | 15.6 | 107.6 | 16.1 | 25.6 | 27.0 | 13.9 | 82.6 | 9.7 | 18.2 | 22.8 | 11.7 | 62.4 | 23.9 | 20.0 | 18.2 | 44.6 | 42.7 | 73.3 | 84.7 | (0.15) | |
| JULY 81 | 5.5 | 3.5 | 21.8 | 25.9 | 54.7 | 10.0 | 13.4 | 13.0 | 57.9 | 24.3 | 4.9 | 6.7 | 54.1 | 83.6 | 149.3 | 4.1 | 5.7 | 40.5 | 55.8 | 106.1 | 5.0 | 8.4 | 41 | 88.5 | 242.9 | 153.5 | (0.15) | | |
| AUGUST 81 | SEPTUPLIQUATE | SEPTUPLIQUATE | SEPTUPLIQUATE | SEPTUPLIQUATE | SEPTUPLIQUATE | SEPTUPLIQUATE | SEPTUPLIQUATE | SEPTUPLIQUATE | SEPTUPLIQUATE | SEPTUPLIQUATE | SEPTUPLIQUATE | SEPTUPLIQUATE | SEPTUPLIQUATE | SEPTUPLIQUATE | SEPTUPLIQUATE | SEPTUPLIQUATE | SEPTUPLIQUATE | SEPTUPLIQUATE | SEPTUPLIQUATE | SEPTUPLIQUATE | SEPTUPLIQUATE | SEPTUPLIQUATE | SEPTUPLIQUATE | SEPTUPLIQUATE | SEPTUPLIQUATE | SEPTUPLIQUATE | SEPTUPLIQUATE | (0.14) | |
| SEPTEMBER 81 | 20.9 | 25.9 | 38.6 | 50.1 | 135.5 | 30.9 | 34.1 | 44.0 | 60.2 | 108.2 | 26.3 | 32.0 | 50.8 | 16.9 | 116 | 23.7 | 31.1 | 48.8 | 59.3 | 162.9 | 25.1 | 32.9 | 51.0 | 65.0 | 174 | 128.5 | 157.1 | (0.16) | |
| OCTOBER 81 | No | SAMPLE | SAMPLE | BOYLES | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | (0.16) |
| NOVEMBER 81 | No | SAMPLE | SAMPLE | BOYLES | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | (0.16) |
| DECEMBER 81 | No | SAMPLE | SAMPLE | BOYLES | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | DID NOT RECEIVE IN TIME | (0.11) |
| AVERAGE | 15.1 | 15.7 | 21.8 | 17.1 | 64.8 | 24.5 | 29.1 | 45.3 | 26.7 | 128.7 | 24.4 | 28.0 | 38.2 | 31.6 | 122.0 | 22.5 | 24.3 | 33.7 | 23.0 | 103.6 | 27.8 | 29.4 | 49.2 | 31.2 | 137.9 | 113.2 | (0.11) | | |

ANALYSIS BY: US ARMY EHA @ Ft McRessan
 RED SHADED VALUES CONTAIN VALUES EXCEEDING THE 0.1 NG/L (100 PG/L) LIMIT