

ENVIRONMENTAL CHEMISTRY & MICROBIOLOGY LABORATORY REPORT
CHEMICAL ANALYSIS - WATER TREATMENT PLANTS

MCBCL 11330/3 (REV. 11-87)

TEST RESULTS

DATE COLLECTED: 7-17-90
 DATE(S) ANALYZED: 7-18-90

| PARAMETER (UNITS) | PLANT #2 | | PLANT #3 | | PLANT #4 | | PLANT #5 | | RIFLE RANGE 04-67-047 | ON SLOW BEACH 04-67-048 |
|---|----------|----|----------|----|----------|----|----------|----|-----------------------|-------------------------|
| | AM | PM | AM | PM | AM | PM | AM | PM | | |
| PH-LABORATORY | | | | | | | | | | |
| STABILITY | | | | | | | | | | |
| PHENOLTHALEIN ALKALINITY (PPM) | | | | | | | | | | |
| METHYL ORANGE ALKALINITY (PPM) | | | | | | | | | | |
| CARBONATES AS-CACO ₃ (PPM) | | | | | | | | | | |
| BICARBONATES AS-CACO ₃ (PPM) | | | | | | | | | | |
| CHLORIDES AS-CL (PPM) | | | | | | | | | | |
| HARDNESS AS-CACO ₃ (PPM) | | | | | | | | | | |
| IRON AS-FE (PPM) | | | | | | | | | | |
| FLOURIDE (PPM) | AM | PM | AM | PM | AM | PM | AM | PM | | |
| TURBIDITY (NTUS) | AM | PM | AM | PM | AM | PM | AM | PM | | |
| CHLORINE RESIDUAL (PPM) | | | | | | | | | | |

REMARKS: **CLW**
 0000005923

REPORT DATE: _____

REPORT PREPARED BY: *Sydney J. Stone*

COPY TO: UTIL DIR, BMD _____

WATER TREATMENT, UTIL DIV, BMD

PMU, NAVHOSP PMU, MCAS-NR

DIVISION OF HEALTH SERVICES

N.C. DEPT OF HUMAN RESOURCES

NREAD FILE (ATTACH WKST)

ENVIRONMENTAL CHEMISTRY & MICROBIOLOGY LABORATORY REPORT
 WATER TREATMENT CHEMICAL ANALYSIS WORKSHEET
 MCBCL 11330/19 (REV. 12/87)

FILE 11332/1
 DATE COLLECTED: 7-17-90

| PARAMETER | #2 HYDROPT BOUNT | #3 KEMM RIVER | #4 HOLEOMB BLVD | #5 GOURT HILLS BAY | RIFLE RANGE | ON SLOW BEACH | QUALITY CONTROL | INITIALS |
|-----------------------------------|------------------------|---------------------|-----------------------|-----------------------------|----------------|------------------|--|----------|
| pH | 7.3 | 7.7 | 8.3 | 8.1 | | | METER: pH 4: pH 9: | |
| STABILITY | X | X | X | X | / | / | H ₂ SO ₄ DATE: PHENOL DATE: BCMR DATE: | |
| PHENOL THALEIN ALKALINITY | 0 / MLx20 | 0 / MLx20 | 0 / MLx20 | 0 / MLx20 | / | / | | |
| METHYL ORANGE ALKALINITY | 7.1 / MLx20 | 7.1 / MLx20 | 8.2 / MLx20 | 6.2 / MLx20 | / | / | | |
| CARBONATES AS CaCO ₃ | 0 | 0 | 0 | 0 | | | | |
| BICARBONATES AS CaCO ₃ | 142 | 142 | 164 | 134 | | | | |
| CHLORIDES AS Cl | 1.2 / MLx20 | 1.3 / MLx20 | 1.4 / MLx20 | 1.2 / MLx20 | / | / | AgNO ₃ DATE: CHROMATE DATE: | |
| HARDNESS AS CaCO ₃ | 8.1 / MLx20 | 0 / | 0 / | 0 / | / | / | EDTA DATE: BUFFER DATE: | |
| IRON AS Fe | — | — | — | — | | | 0.2 ppm: 0.5 ppm: | |
| FLUORIDE | 0.27 | 0.42 | 0.47 | 0.36 | | | 0.1 ppm: 2.0 ppm: | |
| TURBIDITY | | | | | 000000 | 5924 | | |
| CHLORINE RESIDUAL | | | | | | | | |

WTP OPERATOR TOOK READING
 UPON COLLECTION

7-17-90

7-17-90

7-17-90

7-17-90

CLW