

CHEMICAL ANALYSIS — WATER TREATMENT PLANTS
 MGBCL 11330/3 (REV. 6-84)

DATE COLLECTED 7-17-86
 DATE OF ANALYSIS 7-17-86

PARAMETER	HADNOT POINT	WELL CAMP JOURNAL 2	WELL TANKWA TBRIDGE 3	WELL ANGELOV BENCH 4	COURTRESS 5	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER
PH		7.7	8.1	8.3	8.3			
PHENOLTHALEIN ALKALINITY		0	0	2	4			
METHYL ORANGE ALKALINITY		182	178	148	106			
CARBONATES AS CaCO ₃		0	0	4	8			
BICARBONATES AS CaCO ₃		182	178	144	98			
CHLORIDES AS Cl		12	10	12	12			
HARDNESS AS CaCO ₃		162	158	162	104			
IRON AS Fe		9.74	199	543	3.63			
FLUORIDE		0.16	0.37	0.28	0.30			
CHLORINE RESIDUAL								
TURBIDITY		68.2	6.9	59.1	26.2			
TOTAL PHOSPHATE								
ORTHO PHOSPHATE								
META PHOSPHATE								
STABILITY		-0.4	-0.1	4.03	40.2			

CLW

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COPY TO:
 UTIL DIR
 WATER TREATMENT

LABORATORY ANALYSIS BY

ashme

NREAD ~~PMU~~

PMU MCAS PMU

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

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TEST WELLS

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PARAMETER	HADNOT POINT	TEST WELLS	TEST WELLS	TEST WELLS	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER
PH		7.7 8.1	8.1 8.2	8.3 8.1			
PHENOLTHALEIN ALKALINITY		0	0	2			
METHYL ORANGE ALKALINITY		9.1 x 2.0 18.2	8.9 x 2.0 17.8	7.4 x 2.0 14.8			
CARBONATES AS CaCO ₃		0	0	4			
BICARBONATES AS CaCO ₃		18.2	17.8	14.4			
CHLORIDES AS Cl ⁻		12	10	12			
HARDNESS AS CaCO ₃		8.1 x 2.0 16.2	7.9 x 2.0 15.8	6.1 x 2.0 12.2			
IRON AS Fe		9.74	1.99	5.43			
FLUORIDE		0.16	0.37	0.28			
CHLORINE RESIDUAL							
TURBIDITY		68.2	6.9	59.1			
TOTAL PHOSPHATE							
ORTHO PHOSPHATE							
META PHOSPHATE							
STABILITY		-0.4	-0.1	+0.2			

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LABORATORY ANALYSIS BY

CS/sp