

ATHENS-CLARKE COUNTY
J.G. BEACHAM WATER TREATMENT PLANT
800 WATERWORKS DRIVE
ATHENS, GA 30601
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ROUTINE TAP WATER ANALYSIS
QUARTER: 2nd Quarter

LABORATORY I. D. NUMBER: 001 SAMPLE SITE: Operator's laboratory
REPORT NUMBER: 2 DATE SAMPLED: 04/03/2014
ANALYZED BY: R. Menden DATE RECEIVED: 04/03/2014
COLLECTED BY: R. Menden DATE REPORTED: 04/05/2014

METHODS

THE WATER WAS ANALYZED ACCORDING TO "STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER" LATEST EDITION, APHA, AWWA, AND WPCF.

RESULTS
RESULTS EXPRESSED IN MG/L UNLESS INDICATED OTHERWISE

pH	<u>7.44 SU</u>	TOTAL PHOSPHATE	<u>0.204</u>
ALKALINITY	<u>20</u>	HETEROTROPHIC PLATE CT.	<u>0 CFU's</u>
CONDUCTIVITY	<u>124</u>	CHLORINE	<u>1.70</u>
TOTAL DISSOLVED SOLIDS	<u>62</u>	POTASSIUM	<u>2.5</u>
ALUMINUM	<u>0</u>	TONS	<u>0</u>
TOTAL HARDNESS	<u>46</u>	FLUORIDE	<u>.75</u>
NITROGEN NITRATE	<u>1.8</u>	CALCIUM	<u>11</u>
NITROGEN AMMONIA	<u>0</u>	CALCIUM HARDNESS	<u>28</u>
COLIFORM BACTERIA	<u>0</u>	MAGNESIUM	<u>4.4</u>
TEMPERATURE	<u>19.2°C</u>	pHS	<u>9.49</u>
CARBON DIOXIDE	<u>4.46</u>	LANGELIER INDEX	<u>-2.03</u>
MANGANESE	<u>.002</u>	IRON	<u>.021</u>
LEAD	<u>0.0025</u>	SODIUM	<u>2.40</u>
COPPER	<u>0.0740</u>	HYDROGEN SULFIDE	<u>0</u>
ZINC	<u>11</u>	TRIHALOMENTHANES	<u>0.072</u>
CHLORIDE	<u>12</u>	SULFATE	<u>7.10</u>
TURBIDITY	<u>.20 NTU's</u>		