

**ATHENS-CLARKE COUNTY
J.G BEACHAM WATER TREATMENT PLANT
800 WATERWORKS DRIVE
ATHENS, GEORGIA 30601
PHONE: (706) 613-3481 FAX: (706) 613-3477**

ROUTINE TAP WATER ANALYSIS

QUARTER: FIRST QUARTER

LABORATORY I.D. NUMBER : <u>001</u>	SAMPLE SITE : <u>OPERATOR'S LABORATORY</u>
REPORT NUMBER : <u>1</u>	DATE SAMPLED : <u>1/28/2015</u>
ANALYZED BY : <u>RAFAEL R. MÉNDEZ</u>	DATE RECEIVED : <u>1/28/2015</u>
COLLECTED BY : <u>RAFAEL R. MÉNDEZ</u>	DATE REPORTED : <u>1/30/2015</u>

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>7.33 S.U.</u>	TOTAL PHOSPHATE	<u>0.490</u>
ALKALINITY	<u>23</u>	HETEROTROPIC PLATE COUNT	<u><0.2 MPN</u>
CONDUCTIVITY	<u>108.1</u>	CHLORINE	<u>1.45</u>
TOTAL DISSOLVED SOLIDS	<u>54.1</u>	POTASSIUM	<u>2.9</u>
ALUMINUM	<u>0.006</u>	TONS	<u>0</u>
TOTAL HARDNESS	<u>49</u>	FLUORIDE	<u>0.82</u>
NITROGEN NITRATE	<u>2.6</u>	CALCIUM	<u>11.6</u>
NITROGEN AMMONIA	<u>0.03</u>	CALCIUM HARDNESS	<u>28</u>
COLIFORM BACTERIA	<u>0</u>	MAGNESIUM	<u>5.124</u>
TEMPERATURE	<u>9.0 °C</u>	pHS	<u>9.73</u>
CARBON DIOXIDE	<u>3.08</u>	LANGELIER INDEX	<u>-2.40</u>
MANGANESE	<u>0.009</u>	IRON	<u>0.03</u>
CHLORIDE	<u>11.6</u>	SODIUM	<u>2.78</u>
TURBIDITY	<u>0.17 NTU'S</u>	HYDROGEN SULFIDE	<u>0</u>
ZINC	<u>0.175</u>	TRIHALOMETHANES	<u>0.072</u>
SULFATE	<u>6.9</u>		