

**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: SECOND QUARTER 2015

LABORATORY I.D. NUMBER : <u>001</u>	SAMPLE SITE : <u>OPERATOR'S LABORATORY</u>
REPORT NUMBER : <u>2</u>	DATE SAMPLED : <u>4/2/2015</u>
ANALYZED BY : <u>RAFAEL R. MÉNDEZ</u>	DATE RECEIVED : <u>4/2/2015</u>
COLLECTED BY : <u>RAFAEL R. MÉNDEZ</u>	DATE REPORTED : <u>4/3/2015</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>8.24 SU</u>	TOTAL PHOSPHATE <u>0.58</u>
ALKALINITY <u>20</u>	HETEROTROPIC PLATE COUNT <u>0 CFU'S</u>
CONDUCTIVITY <u>129.5</u>	CHLORINE <u>1.36</u>
TOTAL DISSOLVED SOLIDS <u>64.8</u>	POTASSIUM <u>2.2</u>
ALUMINUM <u>0</u>	TONS <u>0</u>
TOTAL HARDNESS <u>45</u>	FLUORIDE <u>0.72</u>
NITROGEN NITRATE <u>2.4</u>	CALCIUM <u>12.8</u>
NITROGEN AMMONIA <u>0.02</u>	CALCIUM HARDNESS <u>30</u>
COLIFORM BACTERIA <u>0</u>	MAGNESIUM <u>3.66</u>
TEMPERATURE <u>18° C</u>	pHS <u>9.47</u>
CARBON DIOXIDE <u>6.0</u>	LANGELIER INDEX <u>-1.23</u>
MANGANESE <u>0.002</u>	IRON <u>0.01</u>
ZINC <u>0</u>	SODIUM <u>3.1</u>
CHLORIDE <u>14.5</u>	HYDROGEN SULFIDE <u>0</u>
TURBIDITY <u>0.21 NTU'S</u>	TRIHALOMETHANES <u>0.050</u>
	SULFATE <u>5.4</u>