

**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: FOURTH QUARTER

LABORATORY I.D. NUMBER : <u>001</u>	SAMPLE SITE : <u>OPERATOR'S LABORATORY</u>
REPORT NUMBER : <u>10-07-2016-04</u>	DATE SAMPLED : <u>10/5/2016</u>
ANALYZED BY : <u>Rafael Rivera-Mendez</u>	DATE RECEIVED : <u>10/5/2016</u>
COLLECTED BY : <u>Rafael Rivera-Mendez</u>	DATE REPORTED : <u>10/7/2016</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>7.16 S.U.</u>	TOTAL PHOSPHATE	<u>0.72</u>
ALKALINITY	<u>25</u>	HETEROTROPIC PLATE COUNT	<u>0 CFU's</u>
CONDUCTIVITY	<u>167.2 µs/cm</u>	CHLORINE	<u>1.44</u>
TOTAL DISSOLVED SOLIDS	<u>83.5</u>	POTASSIUM	<u>3.4</u>
ALUMINUM	<u>0.016</u>	TONS	<u>0</u>
TOTAL HARDNESS	<u>40</u>	FLUORIDE	<u>0.75</u>
NITROGEN NITRATE	<u>1.5</u>	CALCIUM	<u>21.6</u>
NITROGEN AMMONIA	<u>0.04</u>	CALCIUM HARDNESS	<u>54</u>
COLIFORM BACTERIA	<u>0</u>	MAGNESIUM	<u>0</u>
TEMPERATURE	<u>14.0°C</u>	pHS	<u>9.30</u>
CARBON DIOXIDE	<u>6.16</u>	LANGELIER INDEX	<u>-2.14</u>
MANGANESE	<u>0.003</u>	IRON	<u>0.020</u>
ZINC	<u>1.03</u>	SODIUM	<u>2.11</u>
CHLORIDE	<u>17.5</u>	HYDROGEN SULFIDE	<u>0</u>
TURBIDITY	<u>0.15 NTU's</u>	SULFATE	<u>16</u>