

**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

<b>LABORATORY I.D. NUMBER :</b> <u>001</u>	<b>SAMPLE SITE :</b> <u>OPERATOR'S LABORATORY</u>
<b>REPORT NUMBER :</b> <u>01-08-2016-01</u>	<b>DATE SAMPLED :</b> <u>1/6/2016</u>
<b>ANALYZED BY :</b> <u>Michele Huk</u>	<b>DATE RECEIVED :</b> <u>1/6/2016</u>
<b>COLLECTED BY :</b> <u>Michele Huk</u>	<b>DATE REPORTED :</b> <u>1/8/2016</u>

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

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**RESULTS**

**RESULTS EXPRESSED IN MG/L UNLESS INDICATED OTHERWISE**

pH	<u>7.67 S.U.</u>	TOTAL PHOSPHATE	<u>0.61</u>
ALKALINITY	<u>20</u>	HETEROTROPIC PLATE COUNT	<u>0 CFU'S</u>
CONDUCTIVITY	<u>55 µs/cm</u>	CHLORINE	<u>1.22</u>
TOTAL DISSOLVED SOLIDS	<u>25.8</u>	POTASSIUM	<u>2.1</u>
ALUMINUM	<u>0.041</u>	TONS	<u>1</u>
TOTAL HARDNESS	<u>30</u>	FLUORIDE	<u>0.83</u>
NITROGEN NITRATE	<u>1.8</u>	CALCIUM	<u>8</u>
NITROGEN AMMONIA	<u>0.01</u>	CALCIUM HARDNESS	<u>20</u>
COLIFORM BACTERIA	<u>0</u>	MAGNESIUM	<u>10</u>
TEMPERATURE	<u>10.1 °C</u>	pHS	<u>9.78</u>
CARBON DIOXIDE	<u>13.5</u>	LANGELIER INDEX	<u>-2.11</u>
MANGANESE	<u>0.004</u>	IRON	<u>0.02</u>
ZINC	<u>0.05</u>	SODIUM	<u>10.58</u>
CHLORIDE	<u>13.5</u>	HYDROGEN SULFIDE	<u>0</u>
TURBIDITY	<u>0.22 NTU's</u>	SULFATE	<u>1.00</u>