

Georgia Department of Natural Resources

Reply To: John Donahue or Tony Chumbley
Watershed Protection Branch
Regulatory Support Program, Suite 1062
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East Floyd Tower
Atlanta, Georgia 30334
(404) 656-3214

2 Martin Luther King Jr. Dr., S.E., East Floyd Tower, Atlanta, Georgia 30334
Mark Williams, Commissioner
F. Allen Barnes, Director
Environmental Protection Division
(404) 656-4713

September 27, 2011

Mr. George Reese, Manager
City of Tybee Island Water & Sewer Dept.
403 Butler Ave.
Tybee Island, GA 31328

Dear Mr. Reese:

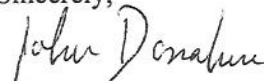
Enclosed with this letter you will find a laboratory summary sheet with the analyses and results for the raw water samples collected on August 24, 2011, November 5, 2003, and October 2, 2002, from Well #1. You will also find the laboratory analysis report from the August 24, 2011, sampling event. In comparing the August 24 sampling event to the other two sampling events, pH seems to have risen slightly, and conductivity has declined. Temperature has remained nearly the same. For all three samples, nitrate/nitrite and volatile organic compounds have remained undetected.

Analyses for the August 24, 2011, sampling visit included chloride, combined nitrate and nitrite, sulfate, volatile organic compounds (solvents, gasoline components, etc.), and a variety of metals. Measurements for pH, electrical conductivity, temperature, and dissolved oxygen were taken in the field at the time of sampling. Field results and laboratory results were compared to the Environmental Protection Agency (EPA) Primary and Secondary MCLs and copper and lead action levels. No analyte exceeded EPA's Primary or Secondary MCLs or copper/lead action levels. We use the EPA Primary and Secondary MCLs, which apply only to treated water offered for public consumption, merely as guidelines for rating the quality of raw ground water.

All analyses of water samples collected for the Ground-Water Monitoring Network are used to assess the general quality of ground water in Georgia. At present, the Network consists of approximately 60 sampling stations drawing water from specific important aquifers distributed throughout Georgia.

The city's cooperation is an important asset to the Ground-Water Monitoring Network. Thank you again for the use of Well #1 as a station for the Network. We will contact you prior to returning for the next sampling visit, anticipated next summer. In the interim, please feel free to contact us by phone at (404) 656-3214 or by email (listed below) with any questions or concerns.

Sincerely,



John Donahue

Geologist

Watershed Protection/Regulatory Support

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