

University of Georgia
Agricultural Services Lab
Feed & Environmental Water Lab
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Total Coliform and *Escherichia coli* Report

Client Name and Address:			County Information:			
Name Street City, State, Zip			Russell Jackson 5190-D Performance Drive Cumming, GA 30040		Forsyth Northwest Stephen Garton	
Sample Information:			Sample Location (if different from client address):			
Lab # FEW Sample ID Date sampled Date analyzed Date reported			1620 Rainwater/Filtered 08/31/2009 09/01/2009 09/02/2009		Street City, State, Zip	
			Client Contact:		770-889-2533/ Fax 770-889-2577 Russ@rainharvest.com	
			Phone/Fax E-mail			
Results:¹	Parameter	Method²	Units³	Your Results	Standard⁴	Interpretation⁴
	Total Coliform	APHA 9223 B	MPN/100-ml	<1 (none present)	none present	acceptable
	<i>Escherichia coli</i> (<i>E.coli</i>)	APHA 9223 B	MPN/100-ml	<1 (none present)	none present	acceptable

- 1 Results and interpretations are based on the analysis of a sample collected by the client, delivered to the lab, and analyzed within 30 hours of the collection time provided by the client.
- 2 American Public Health Association, Standard Methods for Examination of Water and Wastewater 20th Edition.
- 3 Most Probable Number (MPN) is the statistical method for enumerating bacteria when using a multiple fermentation tube method and is equivalent to colony forming units (CFU).
- 4 According to the Total Coliform Rule established by the U.S. Environmental Protection Agency (EPA) for small public drinking water systems, total coliform must not be present in more than 5% of samples tested (>1 in 20 samples) and *E. coli* must never be present. Private drinking water wells should conform to this rule and since less than 20 samples will be analyzed each year, total coliform and *E. coli* should not be present (absent).