



North Carolina Department of Environment and Natural Resources
Division of Waste Management

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Director

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Secretary

August 21, 2012

TO: Steve Kay
Wilmington Regional Office
NC UST Section

FROM: David Lilley 
Environmental Toxicologist
NC Division of Waste Management

RE: Health Risk Evaluation
Tracking ID: 32077
Wallace Airport Well Sampling Results
250 Henderson Field Road
Wallace, NC

During this sampling event, one contaminant was detected in the well water. The standards used to determine if the water is suitable for drinking and cooking are the United States Environmental Protection Agency's Maximum Contaminant Levels (MCLs) or, if no MCLs exist, North Carolina Groundwater Standards (2L).

If the contaminant concentration exceeds the applicable standard for using the water for drinking and cooking, the contaminant concentration is further analyzed to determine if the water is suitable for other household uses, such as showering, bathing, washing dishes, flushing toilets, and hand washing. The chart below compares the detected contaminant concentration with the applicable standard:

Sample ID	Contaminant	Concentration (ug/l)*	MCL (ug/l)	2L (ug/l)
L0016761-10	Trichloroethene	0.71	5	

* The abbreviation ug/l stands for micrograms of contaminant per liter of water and is roughly equivalent to parts per billion.

RECOMMENDATION: The detected contaminant did not exceed the applicable water standard. Therefore, no restrictions on the use of this water are recommended at this time.