



# EnviroTestKits®

*Our Science. Your Peace of Mind.*

## Laboratory Analysis

Analysis Performed by an  
EPA Certified Laboratory  
Environmental Laboratories, Inc.  
Madison, IN 47250

**Customer:**

AMANDA SPENCER  
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HIXSON, TN 37343

**Kit Type: PREMIUM****Order Number: 2019101611**

Report Date: 10/25/2019

Sample Collected: 10/16/2019

Sample Received: 10/21/2019

Sample Type: Drinking Water

**Distributor:**

EnviroTestKits

This water quality report compares the concentration of the contaminant in question to the EPA's drinking water guidelines (when applicable). Please go to our "CONTAMINANT RESOURCES" webpage at <http://www.envirotestkits.com/resources> to learn more about the contaminants noted in this lab report. Please do not contact our laboratory for interpretation of your test results.

**Potable Water** Water used for drinking, bathing, or cooking.**Minimum Detection Level (MDL)** Lowest level of a contaminant that our laboratory can detect in potable water.**Maximum Contaminant Level (MCL)** Maximum level of contaminant allowable for potable water applications, according to EPA guidelines.**EPA Regulated Contaminant** Regulated by the EPA as primary or secondary contaminants. Since the EPA occasionally makes changes to their contaminant list, we recommend that you routinely visit <http://water.epa.gov/drink/contaminants/> to learn more.**EPA Unregulated Contaminant** Not regulated by the EPA, but are noted as "contaminants of interest." You can learn more about these contaminants by visiting the web address above.**mg/L** Concentration of contaminant in milligrams per liter. Also known as ppm or parts per million.**ND** Contaminant was not detected above the Minimum Detection Level.**Condition** Qualifies the results of your sample analysis.

 Concentration of contaminant is lower than the laboratory (MDL) - Minimum Detection Level of our instrumentation. Be aware that this contaminant may still exist in some concentration below the MDL. We suggest that you go to <http://www.envirotestkits.com/resources>, to learn more.

 Concentration of contaminant is higher than the laboratory (MDL) - Minimum Detection Level of our instrumentation. Be aware that this contaminant exists in your potable water supply. Although the contaminant is not above the EPA's (MCL) - Maximum Contamination Level, the noted concentration may not be safe for your family. We suggest that you go to <http://www.envirotestkits.com/resources>, to learn more.

 Concentration of contaminant is higher than the EPA's (MCL) Maximum Contamination Level. This concentration calls for corrective action. You may wish to select some form of water treatment or use a different water source for your potable water applications. To find resources about the history of this contaminant and possible solutions to reduce or eliminate this contaminant, we suggest that you go to <http://www.envirotestkits.com/resources>, to learn more.

 Results may be invalid due to failed QC, e.g. sample was received outside of holdtime, insufficient sample volume, etc.

**NOTE:** All tests are performed by EPA methods or methods that parallel EPA methods, including but not limited to, Standard Methods. The test results in this lab report are for informational purposes only and may not be used for regulated compliance monitoring. Please do not contact our laboratory for interpretation of your test results. Go to <http://www.envirotestkits.com/resources>, to learn more about over two-hundred contaminants - History, MCL's, MCLG's, Health Effects and Links to additional information about contaminants in drinking water. On this same web-page you will also have access to Water Treatment Professionals who may be able to offer solutions, to your water contaminant problems.



Sample ID	Sample Location	Contaminant	Result	Units	MDL	MCL	Condition
P1019-372	Murphy Hollow Spring: 4157596317						
		Aggressive Index	10.9	Calculation	--	--	
		Alkalinity as CaCO3	180	mg/L as CaCO3	2.0	--	
		Aluminum	ND	mg/L	0.016	0.2	
		Antimony	ND	mg/L	0.006	0.006	
		Arsenic	ND	mg/L	0.004	0.010	
		Barium	ND	mg/L	0.08	2	
		Beryllium	ND	mg/L	0.004	0.004	
		Boron	0.012	mg/L	0.009	--	
		Cadmium	ND	mg/L	0.004	0.005	
		Calcium	56.4	mg/L	0.2	--	
		Carbonate	ND	mg/L as CaCO3	2.0	--	
		Chromium	ND	mg/L	0.001	0.1	
		Chromium, Hexavalent	ND	mg/L	0.03	--	
		Cobalt	ND	mg/L	0.01	--	
		Conductivity	339	µmhos/cm	1.0	--	
		Copper	ND	mg/L	0.005	1.0	
		Hardness as CaCO3	168	mg/L	1.0	180	
		Iron	0.010	mg/L	0.005	0.3	
		Langelier Index	-0.5	Calculation	--	--	
		Lead	ND	mg/L	0.006	0.015	
		Lithium	ND	mg/L	0.01	--	
		Magnesium	6.52	mg/L	0.5	--	
		Manganese	0.004	mg/L	0.003	0.05	
		Molybdenum	ND	mg/L	0.006	--	
		Nickel	ND	mg/L	0.001	--	
		pH	6.9	S.U.	0.1	6.5-8.5	
		Phosphorus	ND	mg/L	1.0	--	
		Potassium	ND	mg/L	1.0	--	



Sample ID	Sample Location	Contaminant	Result	Units	MDL	MCL	Condition
P1019-372	Murphy Hollow Spring: 4157596317	Ryznar Index	7.9	Calculation	--	--	
		Selenium	ND	mg/L	0.005	0.05	
		Silica	10.6	mg/L	0.15	--	
		Silicon	4.93	mg/L	0.07	--	
		Silver	ND	mg/L	0.003	0.10	
		Sodium	4.04	mg/L	1.0	--	
		Strontium	0.335	mg/L	0.01	--	
		Tannin-Lignin	ND	mg/L Tannic Acid	1	--	
		TDS	224	mg/L	1.0	500	
		Thallium	ND	mg/L	0.002	0.002	
		Tin	ND	mg/L	0.006	--	
		Titanium	ND	mg/L	0.005	--	
		Turbidity	3.01	NTU	0.1	--	
		Vanadium	ND	mg/L	0.05	--	
		Zinc	ND	mg/L	0.005	5.0	

### Inorganics

Sample ID	Sample Location	Contaminant	Result	Units	MDL	MCL	Condition
P1019-372	Murphy Hollow Spring: 4157596317	Bromide	ND	mg/L	4	--	
		Chloride	ND	mg/L	2.0	250	
		Fluoride	0.066	mg/L	0.02	2.0	
		Nitrate/Nitrite-N	ND	mg/L	0.05	10	
		Sulfate	5.75	mg/L	1.0	250	

### Wet Chem-Liquid

Sample ID	Sample Location	Contaminant	Result	Units	MDL	MCL	Condition
P1019-372	Murphy Hollow Spring: 4157596317	Bicarbonate	180	mg/L as CaCO3	2.0	--	