





Laboratory Analysis

Kit Type: Safe Home® Pro Inspector
Order Number: 2020111411
Report Date: 11/24/2020
Sample Collected: 11/16/2020
Sample Received: 11/17/2020
Sample Type: Drinking Water
Notes: (optional add'l info)



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.

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.


Bacteria

Sample ID	Sample Location	Contaminant	Result	Units	MDL	MCL	Condition
B1120-272	east hose bib:	E.coli, Colilert	ABSENT	/100mL	--	--	
		Total Coliform, Colilert	PRESENT	/100mL	--	--	

Metals

Sample ID	Sample Location	Contaminant	Result	Units	MDL	MCL	Condition
P1120-345	east hose bib:	Arsenic	ND	mg/L	0.004	0.010	
		Copper	ND	mg/L	0.005	1.0	
		Lead	ND	mg/L	0.006	0.015	

Wet Chem-Liquid

Sample ID	Sample Location	Contaminant	Result	Units	MDL	MCL	Condition
P1120-345	east hose bib:	Nitrate (as N)	4.64	mg/L	0.5	5	
		Nitrite (as N)	ND	mg/L	0.05	1.0	