

Informational Water Quality Report

Problem Water

Client:

Ordered By:

Que, John
123 Main Street
Mytown, OH 44143
ATTN: John Que



6571 Wilson Mills Rd
Cleveland, Ohio 44143
1-800-458-3330

Sample Number: 204311

Location: Well Head

Type of Water: Well Water

Collection Date and Time: 7/19/2011 15:20

Received Date and Time: 7/20/2011 10:20

Date Completed: 8/3/2011

Definition and Legend

This informational water quality report compares the actual test result to national standards as defined in the EPA's Primary and Secondary Drinking Water Regulations.

Primary Standards: Are expressed as the maximum contaminant level (MCL) which is the highest level of contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary standards: Are non-enforceable guidelines regulating contaminants that may cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste, odor, or color) in drinking water. Individual states may choose to adopt them as enforceable standards.


Action levels: Are defined in treatment techniques which are required processes intended to reduce the level of a contaminant in drinking water.


mg/L (ppm): Unless otherwise indicated, results and standards are expressed as an amount in milligrams per liter or parts per million.


Minimum Detection Level (MDL): The lowest level that the laboratory can detect a contaminant.

ND: The contaminant was not detected above the minimum detection level.


NA: The contaminant was not analyzed.





















 The contaminant was not detected in the sample above the minimum detection level.

 The contaminant was detected at or above the minimum detection level, but not above the referenced standard.

 The contaminant was detected above the standard, which is not an EPA enforceable MCL.

 The contaminant was detected above the EPA enforceable MCL.

 These results may be invalid.

Status	Contaminant	Results	Units	National Standards	Min. Detection Level
Microbiologicals					
	Iron Bacteria by P/A	Iron Related Bacteria is Present in this sample, with an estimated population of 500 cfu/mL.			
Inorganic Analytes - Metals					
	Calcium	3.2	mg/L	--	2.0
	Copper	ND	mg/L	1.300 EPA Action Level	0.004
	Iron	ND	mg/L	0.300 EPA Secondary	0.020
	Iron-Dissolved	ND	mg/L	--	0.020
	Magnesium	2.40	mg/L	--	0.10
	Manganese	ND	mg/L	0.050 EPA Secondary	0.004
	Potassium	1.3	mg/L	--	1.0
	Silica	8.300	mg/L	--	0.100
	Sodium	164	mg/L	--	1
Physical Factors					
	Alkalinity (Total as CaCO3)	220	mg/L	--	20
	Corrosivity	-0.403	SI	--	
	Hardness	18	mg/L	100 NTL Internal	10
	pH	8.2	pH Units	6.5 to 8.5 EPA Secondary	
	Total Dissolved Solids	310	mg/L	500 EPA Secondary	20
	Turbidity	0.6	NTU	1.0 EPA Action Level	0.1
Inorganic Analytes - Other					
	Nitrate as N	ND	mg/L	10.0 EPA Primary	0.5
	Nitrite as N	ND	mg/L	1.0 EPA Primary	0.5
	Sulfate	ND	mg/L	250.0 EPA Secondary	5.0
	Tannin/Lignin	ND	mg/L	--	0.5

We certify that the analyses performed for this report are accurate, and that the laboratory test were conducted by methods approved by the U.S. Environmental Protection Agency or variations of these EPA methods.

These test results are intended to be used for informational purposes only and may not be used for regulatory compliance.

National Testing Laboratories, Ltd.

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