

# Informational Water Quality Report

## Well-Check

**Client:**

**Ordered By:**

Smith, John Q.  
123 Main Street  
Yourtown, OH 44143  
ATTN: John Smith



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

Sample Number: 214210

Location: Kitchen Sink

Type of Water: Well Water

Collection Date and Time: 5/23/2011 13:25

Received Date and Time: 5/24/2011 09:00

Date Completed: 6/7/2011

## 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					
✓	Total Coliform by P/A	Total Coliform and E.coli were ABSENT in this sample.			
Inorganic Analytes - Metals					
✓	Aluminum	ND	mg/L	0.2	EPA Secondary 0.1
✓	Arsenic	ND	mg/L	0.010	EPA Primary 0.005
✓	Barium	ND	mg/L	2.00	EPA Primary 0.30
✓	Cadmium	ND	mg/L	0.005	EPA Primary 0.002
●	Calcium	41.1	mg/L	--	2.0
✓	Chromium	ND	mg/L	0.100	EPA Primary 0.010
✓	Copper	ND	mg/L	1.300	EPA Action Level 0.004
✓	Iron	ND	mg/L	0.300	EPA Secondary 0.020
✓	Lead	ND	mg/L	0.015	EPA Action Level 0.002
●	Magnesium	15.50	mg/L	--	0.10
●	Manganese	0.005	mg/L	0.050	EPA Secondary 0.004
✓	Mercury	ND	mg/L	0.002	EPA Primary 0.001
✓	Nickel	ND	mg/L	--	0.020
●	Potassium	7.8	mg/L	--	1.0
✓	Selenium	ND	mg/L	0.050	EPA Primary 0.020
●	Silica	14.000	mg/L	--	0.100
✓	Silver	ND	mg/L	--	0.002
●	Sodium	101	mg/L	--	1
●	Zinc	0.009	mg/L	5.000	EPA Secondary 0.004
Physical Factors					
●	Alkalinity (Total as CaCO3)	170	mg/L	--	20
▲	Hardness	170	mg/L	100	NTL Internal 10
✓	pH	7.6	pH Units	6.5 to 8.5	EPA Secondary
●	Total Dissolved Solids	400	mg/L	500	EPA Secondary 20
✓	Turbidity	ND	NTU	1.0	EPA Action Level 0.1

Status	Contaminant	Results	Units	National Standards	Min. Detection Level
Inorganic Analytes - Other					
	Chloride	6.7	mg/L	250.0	EPA Secondary 5.0
	Fluoride	ND	mg/L	4.0	EPA Primary 0.5
	Nitrate as N	ND	mg/L	10.0	EPA Primary 0.5
	Nitrite as N	ND	mg/L	1.0	EPA Primary 0.5
	Ortho Phosphate	ND	mg/L	--	2.0
	Sulfate	110.0	mg/L	250.0	EPA Secondary 5.0

*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.*

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PRELIMINARY