

Informational Water Quality Report

Watercheck w/PO +SPC

 **National Testing
Laboratories, Ltd.**


Quality Water Analysis

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

Client: John Smith 123 Main Street Cleveland, OH 44143
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Sample Number: 10486

Ordered By:

Location: Kitchen Sink

Type of Water: Well Water

Collection Date and Time: 7/14/2008 10:30

Received Date and Time: 7/15/2008 13:27

Date Completed: 7/24/2008

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.

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

 The contaminant was detected above the minimum detection level, but below the standard.

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

 The contaminant was detected above the EPA enforceable MCL.

Status	Contaminant	Results	Units	National Standards	Min. Detection Level
Microbiologicals					
	Standard Plate Count	2	CFU/ml	500	EPA Action Level 0
	Total Coliform by P/A	Total Coliform bacteria was ABSENT in this sample.			
Inorganic Analytes - Metals					
	Aluminum	ND	mg/L	0.2	EPA Secondary 0.1
	Arsenic	ND	mg/L	0.01	EPA Primary 0.005
	Barium	ND	mg/L	2	EPA Primary 0.30
	Cadmium	ND	mg/L	0.005	EPA Primary 0.002
	Calcium	3.1	mg/L	--	2.0
	Chromium	0.740	mg/L	0.1	EPA Primary 0.010
	Copper	0.036	mg/L	1.3	EPA Action Level 0.004
	Iron	ND	mg/L	0.3	EPA Secondary 0.020
	Lead	ND	mg/L	0.015	EPA Action Level 0.002
	Magnesium	1.30	mg/L	--	0.10
	Manganese	0.280	mg/L	0.05	EPA Secondary 0.004
	Mercury	ND	mg/L	0.002	EPA Primary 0.001
	Nickel	2.60	mg/L	--	0.02
	Selenium	ND	mg/L	0.05	EPA Primary 0.020
	Silver	ND	mg/L	0.1	EPA Secondary 0.002
	Sodium	4	mg/L	--	1
	Zinc	0.200	mg/L	5	EPA Secondary 0.004
Physical Factors					
	Alkalinity (Total)	20	mg/L	--	20
	Hardness	13	mg/L	100	NTL Internal 10
	pH	7.0	pH Units	6.5 to 8.5	EPA Secondary
	Total Dissolved Solids	24	mg/L	500	EPA Secondary 20
	Turbidity	0.6	NTU	1	EPA Action Level 0.1
Inorganic Analytes - Other					

Status	Contaminant	Results	Units	National Standards	Min. Detection Level
✓	Chloride	ND	mg/L	250 EPA Secondary	5.0
✓	Fluoride	ND	mg/L	4 EPA Secondary	0.5
✓	Nitrate as N	ND	mg/L	10 EPA Primary	0.5
✓	Nitrite as N	ND	mg/L	1 EPA Primary	0.5
✓	Sulfate	ND	mg/L	250 EPA Secondary	5.0
Organic Analytes - Trihalomethanes					
✓	Bromodichloromethane	ND	mg/L	--	0.002
✓	Bromoform	ND	mg/L	--	0.004
✓	Chloroform	ND	mg/L	--	0.002
✓	Dibromochloromethane	ND	mg/L	--	0.004
✓	Total THMs	ND	mg/L	0.08 EPA Primary	0.002
Organic Analytes - Volatiles					
✓	1,1,1,2-Tetrachloroethane	ND	mg/L	--	0.002
✓	1,1,1-Trichloroethane	ND	mg/L	0.2 EPA Primary	0.001
✓	1,1,2,2-Tetrachloroethane	ND	mg/L	--	0.002
✓	1,1,2-Trichloroethane	ND	mg/L	0.005 EPA Primary	0.002
✓	1,1-Dichloroethane	ND	mg/L	--	0.002
✓	1,1-Dichloroethene	ND	mg/L	0.007 EPA Primary	0.001
✓	1,1-Dichloropropene	ND	mg/L	--	0.002
✓	1,2,3-Trichlorobenzene	ND	mg/L	--	0.002
✓	1,2,3-Trichloropropane	ND	mg/L	--	0.002
✓	1,2,4-Trichlorobenzene	ND	mg/L	0.07 EPA Primary	0.002
✓	1,2-Dichlorobenzene	ND	mg/L	0.6 EPA Primary	0.001
✓	1,2-Dichloroethane	ND	mg/L	0.005 EPA Primary	0.001
✓	1,2-Dichloropropane	ND	mg/L	0.005 EPA Primary	0.002
✓	1,3-Dichlorobenzene	ND	mg/L	--	0.001
✓	1,3-Dichloropropane	ND	mg/L	--	0.002
✓	1,4-Dichlorobenzene	ND	mg/L	0.075 EPA Primary	0.001

Status	Contaminant	Results	Units	National Standards		Min. Detection Level
✓	2,2-Dichloropropane	ND	mg/L	--		0.002
✓	2-Chlorotoluene	ND	mg/L	--		0.001
✓	4-Chlorotoluene	ND	mg/L	--		0.001
✓	Benzene	ND	mg/L	0.005	EPA Primary	0.001
✓	Bromobenzene	ND	mg/L	--		0.002
✓	Bromomethane	ND	mg/L	--		0.002
✓	Carbon Tetrachloride	ND	mg/L	0.005	EPA Primary	0.001
✓	Chlorobenzene	ND	mg/L	0.1	EPA Primary	0.001
✓	Chloroethane	ND	mg/L	--		0.002
✓	Chloromethane	ND	mg/L	--		0.002
✓	cis-1,2-Dichloroethene	ND	mg/L	0.07	EPA Primary	0.002
✓	cis-1,3-Dichloropropene	ND	mg/L	--		0.002
✓	DBCP	ND	mg/L	--		0.001
✓	Dibromomethane	ND	mg/L	--		0.002
✓	Dichlorodifluoromethane	ND	mg/L	--		0.002
✓	Dichloromethane	ND	mg/L	0.005	EPA Primary	0.002
✓	EDB	ND	mg/L	--		0.001
✓	Ethylbenzene	ND	mg/L	0.7	EPA Primary	0.001
✓	Methyl Tert Butyl Ether	ND	mg/L	--		0.004
✓	Styrene	ND	mg/L	0.1	EPA Primary	0.001
✓	Tetrachloroethene	ND	mg/L	0.005	EPA Primary	0.002
✓	Toluene	ND	mg/L	1	EPA Primary	0.001
✓	trans-1,2-Dichloroethene	ND	mg/L	0.1	EPA Primary	0.002
✓	trans-1,3-Dichloropropene	ND	mg/L	--		0.002
✓	Trichloroethene	ND	mg/L	0.005	EPA Primary	0.001
✓	Trichlorofluoromethane	ND	mg/L	--		0.002
✓	Vinyl Chloride	ND	mg/L	0.002	EPA Primary	0.001

Status	Contaminant	Results	Units	National Standards	Min. Detection Level	
✓	Xylenes (Total)	ND	mg/L	10	EPA Primary	0.001
Organic Analytes - Others						
✓	2,4-D	ND	mg/L	0.07	EPA Primary	0.010
✓	Alachlor	ND	mg/L	0.002	EPA Primary	0.001
✓	Aldrin	ND	mg/L	--		0.002
✓	Atrazine	ND	mg/L	0.003	EPA Primary	0.002
✓	Chlordane	ND	mg/L	0.002	EPA Primary	0.001
✓	Dichloran	ND	mg/L	--		0.002
✓	Dieldrin	ND	ppm	--		0.001
✓	Endrin	ND	mg/L	0.002	EPA Primary	0.0001
✓	Heptachlor	ND	mg/L	0.0004	EPA Primary	0.0004
✓	Heptachlor Epoxide	ND	mg/L	0.0002	EPA Primary	0.0001
✓	Hexachlorobenzene	ND	mg/L	0.001	EPA Primary	0.0005
✓	Hexachlorocyclopentadiene	ND	mg/L	0.05	EPA Primary	0.001
✓	Lindane	ND	mg/L	0.0002	EPA Primary	0.0002
✓	Methoxychlor	ND	mg/L	0.04	EPA Primary	0.002
✓	PCB	ND	mg/L	0.0005	EPA Primary	0.0005
✓	Pentachloronitrobenzene	ND	mg/L	--		0.002
✓	Silvex 2,4,5-TP	ND	mg/L	0.05	EPA Primary	0.005
✓	Simazine	ND	mg/L	0.004	EPA Primary	0.002
✓	Toxaphene	ND	mg/L	0.003	EPA Primary	0.001
✓	Trifluralin	ND	mg/L	--		0.002

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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