

Informational Water Quality Report

Complete RO Screen



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

Client:

Sample Number: 111111

Ordered By:
John Doe 6571 Wilson Mills Rd Cleveland, OH 44143

Location:

Type of Water: City Water
Collection Date and Time: 01/01/2018 10:00 AM
Received Date and Time: 01/02/2018 10:00 AM
Date Completed: 01/10/2018

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
Inorganic Analytes - Metals					
✓	Aluminum	ND	mg/L	0.2	EPA Secondary 0.040
✓	Arsenic	ND	mg/L	0.010	EPA Primary 0.003
●	Barium	0.034	mg/L	2	EPA Primary 0.004
✓	Beryllium	ND	mg/L	0.004	EPA Primary 0.0005
✓	Boron	ND	mg/L	--	0.015
✓	Cadmium	ND	mg/L	0.005	EPA Primary 0.0010
●	Calcium	15.800	mg/L	--	0.060
✓	Chromium	ND	mg/L	0.1	EPA Primary 0.003
●	Copper	0.012	mg/L	1.3	EPA Action Level 0.004
✓	Iron	ND	mg/L	0.3	EPA Secondary 0.009
✓	Lead	ND	mg/L	0.015	EPA Action Level 0.001
●	Lithium	0.001	mg/L	--	0.001
●	Magnesium	5.770	mg/L	--	0.100
✓	Manganese	ND	mg/L	0.05	EPA Secondary 0.0005
✓	Molybdenum	ND	mg/L	--	0.002
✓	Nickel	ND	mg/L	--	0.0020
●	Potassium	1.72	mg/L	--	0.15
✓	Selenium	ND	mg/L	0.05	EPA Primary 0.004
●	Silica	28.10	mg/L	--	0.05
✓	Silver	ND	mg/L	0.100	EPA Secondary 0.001
●	Sodium	6.50	mg/L	--	0.15
●	Strontium	0.121	mg/L	--	0.001
✓	Thallium	ND	mg/L	0.002	EPA Primary 0.0015
✓	Tin	ND	mg/L	--	0.030
✓	Uranium	ND	mg/L	0.030	EPA Primary 0.001
✓	Vanadium	ND	mg/L	--	0.015

Status	Contaminant	Results	Units	National Standards		Min. Detection Level
✓	Zinc	ND	mg/L	5	EPA Secondary	0.004
Physical Factors						
●	Alkalinity (Total as CaCO3)	58	mg/L	--		20
●	Bicarbonate (as CaCO3)	58	mg/L	--		20
●	Carbon Dioxide (Free CO2)	6	mg/L	--		5
✓	Carbonate (as CaCO3)	ND	mg/L	--		20
●	Conductivity	170	umhos/cm	--		2
●	Hardness	63.1	mg/L	100	NTL Internal	0.220
✓	Langelier Index	-1.113	Index	--		
✓	pH	7.3	pH Units	6.5 to 8.5	EPA Secondary	
●	Total Anions	102.0	mg/L	--		1.0
●	Total Cations	58.0	mg/L	--		1.0
●	Total Dissolved Solids	110	mg/L	500	EPA Secondary	20
✓	Turbidity	ND	NTU	1.0	EPA Action Level	0.1
Inorganic Analytes - Other						
✓	Bromide	ND	mg/L	--		0.05
●	Chloride	7.20	mg/L	250	EPA Secondary	0.05
●	Chlorine-Free	0.30	mg/L	--		0.05
●	Chlorine-Total	0.3	mg/L	--		0.1
●	Fluoride	0.70	mg/L	4.0	EPA Primary	0.05
●	Nitrate as N	0.42	mg/L	10	EPA Primary	0.05
✓	Nitrite as N	ND	mg/L	1	EPA Primary	0.05
●	Ortho Phosphate	0.14	mg/L	--		0.05
●	Sulfate	7.80	mg/L	250	EPA Secondary	0.05
Organic Analytes - Others						
●	Total Organic Carbon	0.7	mg/L	--		0.2

Status	Contaminant	Results	Units	National Standards	Min. Detection Level
--------	-------------	---------	-------	--------------------	----------------------

We certify that the analyses performed for this report are accurate, and that the laboratory tests 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.

NATIONAL TESTING LABORATORIES, LTD