

Informational Water Quality Report

Citycheck Basic

Client:

Melissa Davis
1192 Lexington Ct.
San Luis Obispo, CA 93401

Ordered By:

CuZn Water Systems, Inc.
303 Najoles Road, Suite 112
Miller, MD 21108
ATTN: Chris Wright



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

Sample Number: 856612

Location: Kitchen Sink (Filtered)

Type of Water: Treated/Filtered in Home

Collection Date and Time: 8/12/2015 17:20

Received Date and Time: 8/14/2015 09:10

Date Completed: 9/15/2015

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 0.1
✓	Barium	ND	mg/L	2	EPA Primary 0.30
✓	Copper	ND	mg/L	1.3	EPA Action Level 0.004
✓	Lead	ND	mg/L	0.015	EPA Action Level 0.002
●	Lithium	0.006	mg/L	--	0.001
✓	Manganese	ND	mg/L	0.05	EPA Secondary 0.004
●	Sodium	26	mg/L	--	1
●	Strontium	0.320	mg/L	--	0.001
✓	Uranium	ND	mg/L	0.030	EPA Primary 0.001
●	Zinc	0.544	mg/L	5	EPA Secondary 0.004
Physical Factors					
●	Alkalinity (Total as CaCO3)	160	mg/L	--	20
▲	Hardness	220	mg/L	100	NTL Internal 10
✓	pH	7.8	pH Units	6.5 to 8.5	EPA Secondary
●	Total Dissolved Solids	250	mg/L	500	EPA Secondary 20
Inorganic Analytes - Other					
✓	Bromate	ND	mg/L	0.010	EPA Primary 0.005
✓	Bromide	ND	mg/L	--	0.5
✓	Chloramine as Cl2	ND	mg/L	--	0.1
●	Chloride	18.0	mg/L	250	EPA Secondary 5.0
✓	Chlorine-Free	ND	mg/L	--	0.05
✓	Chlorine-Total	ND	mg/L	--	0.1
✓	Chlorite	ND	mg/L	1.0	EPA Primary 0.005
✓	Fluoride	ND	mg/L	4.0	EPA Primary 0.5
✓	Nitrate as N	ND	mg/L	10	EPA Primary 0.5
✓	Nitrite as N	ND	mg/L	1	EPA Primary 0.5
✓	Ortho Phosphate	ND	mg/L	--	2.0

Status	Contaminant	Results	Units	National Standards	Min. Detection Level
	Sulfate	67.0	mg/L	250	EPA Secondary 5.0
Organic Analytes - Trihalomethanes					
	Bromodichloromethane	ND	mg/L	--	0.002
	Bromoform	ND	mg/L	--	0.004
	Chloroform	0.003	mg/L	--	0.002
	Dibromochloromethane	ND	mg/L	--	0.004
	Total THMs	0.003	mg/L	0.080	EPA Primary 0.002
Organic Analytes - Haloacetic Acids					
	Dibromoacetic Acid	ND	mg/L	--	0.001
	Dichloroacetic Acid	0.003	mg/L	--	0.001
	Monobromoacetic Acid	ND	mg/L	--	0.001
	Monochloroacetic Acid	ND	mg/L	--	0.001
	Trichloroacetic Acid	ND	mg/L	--	0.001
	Total HAAs	0.003	mg/L	0.060	EPA Primary 0.001

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.

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