

Informational Water Quality Report

Complete RO Screen

Client:

Ordered By:
PristineHydro Development, Inc. 24102 El Toro Rd Suite D Laguna Hills, CA 92637



Quality Water Analysis

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

Sample Number: 875484

Location: Water Revival System

Type of Water: Other

Collection Date and Time: 07/10/2017 13:40

Received Date and Time: 07/11/2017 09:15

Date Completed: 7/19/2017

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	ND	mg/L	2	EPA Primary 0.004
✓	Beryllium	ND	mg/L	0.004	EPA Primary 0.0005
●	Boron	0.065	mg/L	--	0.015
✓	Cadmium	ND	mg/L	0.005	EPA Primary 0.0005
●	Calcium	0.524	mg/L	--	0.060
✓	Chromium	ND	mg/L	0.1	EPA Primary 0.003
✓	Copper	ND	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	ND	mg/L	--	0.001
●	Magnesium	2.350	mg/L	--	0.020
✓	Manganese	ND	mg/L	0.05	EPA Secondary 0.0005
✓	Molybdenum	ND	mg/L	--	0.002
✓	Nickel	ND	mg/L	--	0.0021
●	Potassium	0.80	mg/L	--	0.15
✓	Selenium	ND	mg/L	0.05	EPA Primary 0.004
●	Silica	0.22	mg/L	--	0.05
✓	Silver	ND	mg/L	0.100	EPA Secondary 0.001
●	Sodium	1.35	mg/L	--	0.15
✓	Strontium	ND	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)	11	mg/L	--	5
✓	Bicarbonate (as CaCO3)	ND	mg/L	--	5
✓	Carbon Dioxide (Free CO2)	ND	mg/L	--	5
●	Carbonate (as CaCO3)	10	mg/L	--	5
●	Conductivity	48	umhos/cm	--	2
●	Hardness	11.0	mg/L	100	NTL Internal 0.220
✓	Langelier Index	-0.751	Index	--	
▲	pH	9.8	pH Units	6.5 to 8.5	EPA Secondary
●	Total Anions	11.0	mg/L	--	1.0
●	Total Cations	5.0	mg/L	--	1.0
✓	Total Dissolved Solids	ND	mg/L	500	EPA Secondary 20
●	Turbidity	0.3	NTU	1.0	EPA Action Level 0.1
Inorganic Analytes - Other					
✓	Bromide	ND	mg/L	--	0.05
●	Chloride	0.47	mg/L	250	EPA Secondary 0.05
✓	Chlorine-Free	ND	mg/L	--	0.05
✓	Chlorine-Total	ND	mg/L	--	0.1
✓	Fluoride	ND	mg/L	4.0	EPA Primary 0.05
✓	Nitrate as N	ND	mg/L	10	EPA Primary 0.05
✓	Nitrite as N	ND	mg/L	1	EPA Primary 0.05
✓	Ortho Phosphate	ND	mg/L	--	0.05
✓	Sulfate	ND	mg/L	250	EPA Secondary 0.05
Organic Analytes - Others					
✓	Total Organic Carbon	ND	mg/L	--	0.2

Status	Contaminant	Results	Units	National Standards	Min. Detection Level
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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.

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