

Informational Water Quality Report



6571 Wilson Mills Rd
Cleveland, Ohio 44143

Watercheck

Client:

Little St. James
Little St. James Island, VI

Ordered By:

Ocean Systems Laboratory of St. Thomas
6194 Frydenhoj
#43
St. Thomas, VI 00802-1306
ATTN: Oonijah Thomas

Sample Number: 872312

Location: R/O Plant STL #3283

Type of Water: R.O. Water

Collection Date and Time: 03/14/2017 08:03

Received Date and Time: 03/17/2017 11:20

Date Completed: 3/30/2017

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
Microbiologicals					
	Total Coliform by P/A	Total Coliform and E.coli were ABSENT, however bacteria results may be invalid due to lack of collection information or because sample has exceeded 30 hour holding time.			
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	EPA Primary 0.30
	Cadmium	ND	mg/L	0.005	EPA Primary 0.002
	Calcium	ND	mg/L	--	2.0
	Chromium	ND	mg/L	0.1	EPA Primary 0.010
	Copper	ND	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
	Lithium	ND	mg/L	--	0.001
	Magnesium	1.06	mg/L	--	0.10
	Manganese	ND	mg/L	0.05	EPA Secondary 0.004
	Mercury	ND	mg/L	0.002	EPA Primary 0.001
	Nickel	ND	mg/L	--	0.020
	Potassium	3.0	mg/L	--	1.0
	Selenium	ND	mg/L	0.05	EPA Primary 0.020
	Silica	ND	mg/L	--	0.1
	Silver	ND	mg/L	0.100	EPA Secondary 0.002
	Sodium	88	mg/L	--	1
	Strontium	0.006	mg/L	--	0.001
	Uranium	ND	mg/L	0.030	EPA Primary 0.001
	Zinc	ND	mg/L	5	EPA Secondary 0.004
Physical Factors					
	Alkalinity (Total as CaCO3)	ND	mg/L	--	20

Status	Contaminant	Results	Units	National Standards	Min. Detection Level
✓	Hardness	ND	mg/L	100	NTL Internal 10
✓	pH	7.4	pH Units	6.5 to 8.5	EPA Secondary
●	Total Dissolved Solids	210	mg/L	500	EPA Secondary 20
✓	Turbidity	ND	NTU	1.0	EPA Action Level 0.1
Inorganic Analytes - Other					
✓	Bromide	ND	mg/L	--	0.5
●	Chloride	120.0	mg/L	250	EPA Secondary 5.0
✓	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
✓	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	0.007	mg/L	--	0.002
✓	Dibromochloromethane	ND	mg/L	--	0.004
●	Total THMs	0.007	mg/L	0.080	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

Status	Contaminant	Results	Units	National Standards		Min. Detection Level
✓	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
✓	2,2-Dichloropropane	ND	mg/L	--		0.002
✓	2-Chlorotoluene	ND	mg/L	--		0.001
✓	4-Chlorotoluene	ND	mg/L	--		0.001
✓	Acetone	ND	mg/L	--		0.01
✓	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
✓	Methyl-Ethyl Ketone	ND	mg/L	--		0.01

Status	Contaminant	Results	Units	National Standards	Min. Detection Level
✓	Styrene	ND	mg/L	0.1	EPA Primary 0.001
✓	Tetrachloroethene	ND	mg/L	0.005	EPA Primary 0.002
✓	Tetrahydrofuran	ND	mg/L	--	0.01
✓	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
✓	Xylenes (Total)	ND	mg/L	10	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.

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