

# Water Quality Report

## Watercheck w/PO



**Client:**

Lanark Pure Natural Spring Water

**PRODUCT WATER SAMPLE**

**Ordered By:**

MG Mark Installations  
12 Kittwake Dr Ste 1  
Ottawa, ON K2S 1Z5  
ATTN: Thomas Graszny

**Sample Number:** 847591

**Location:** Lanark Pure Sample

**Type of Water:** Other

**Collection Date and Time:** 8/21/2014 15:00

**Received Date and Time:** 8/22/2014 09:40

**Date Completed:** 9/5/2014

**Product Water-Final**

*Quality Water Analysis*

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

### Definition and Legend

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.

State of Michigan  
 Department of Environment and Natural Resources  
 Water Quality Division  
 Water Quality Laboratory  
 2215 North Zeeb Road  
 Zeeb, Michigan 49889  
 Phone: 616-286-2700  
 Fax: 616-286-2701  
 Email: wqlab@state.mi.us  
 Website: www.michigan.gov/wqlab

✓ Total Coliform by P/A Total Coliform and E. coli were ABSENT in this sample.

✓	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	50.0	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
●	Magnesium	12.73	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	ND	mg/L	-		1.0
✓	Selenium	ND	mg/L	0.05	EPA Primary	0.020
●	Silica	6.5	mg/L	-		0.1
✓	Silver	ND	mg/L	0.100	EPA Secondary	0.002
✓	Sodium	ND	mg/L	-		1
✓	Zinc	ND	mg/L	5	EPA Secondary	0.004

●	Alkalinity (Total as CaCO3)	170	mg/L	-		20
△	Hardness	180	mg/L	100	NL Internal	10
✓	pH	8.0	pH Units	6.5 to 8.5	EPA Secondary	
●	Total Dissolved Solids	180	mg/L	500	EPA Secondary	20
✓	Turbidity	ND	NTU	1.0	EPA Action Level	0.1



State	Contaminant	Results	Units	National Standard	Min. Detectable Level
✓	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
✓	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

Status	Contaminant	Results	Units	Standard	Min. Detectable Level
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✓	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
✓	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	mg/L	-	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
✓	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
✓	Total PCBs	ND	mg/L	0.0005	EPA Primary 0.0005
✓	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 tests were conducted by methods approved by the U.S. Environmental Protection Agency or variations of these EPA methods.

***National Testing Laboratories, Ltd.***  
NATIONAL TESTING LABORATORIES, LTD

# Water Quality Report

Watercheck w/PO



**Client:**

Lanark Pure Natural Spring Water

**SOURCE WATER**

**Ordered By:**

MIG Mark Installations  
12 Kitāwake Dr Ste 1  
Ottawa, ON K2S 1Z5  
ATTN: Thomas Graszky

*Quality Water Analysis*

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

**Sample Number: 847589**

**Location: SOURCE WATER**

**Type of Water:** Other

**Collection Date and Time:** 8/21/2014 14:00

**Received Date and Time:** 8/22/2014 09:40

**Date Completed:** 9/16/2014

**Source Water**

### Definition and Legend

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 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.

Contaminant Name      Unit      Method      Status      EPA Action Level      EPA Secondary

✓ Total Coliform by P/A      Total Coliform and E.coli were ABSENT in this sample.

✓	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	50.6	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
●	Magnesium	12.73	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	ND	mg/L	-		1.0
✓	Selenium	ND	mg/L	0.05	EPA Primary	0.020
●	Silica	6.1	mg/L	-		0.1
✓	Silver	ND	mg/L	0.100	EPA Secondary	0.002
✓	Sodium	ND	mg/L	-		1
✓	Zinc	ND	mg/L	5	EPA Secondary	0.004

●	Alkalinity (Total as CaCO3)	170	mg/L	-		20
△	Hardness	180	mg/L	100	NL Internal	10
✓	pH	8.0	pH Units	6.5 to 8.5	EPA Secondary	
●	Total Dissolved Solids	180	mg/L	500	EPA Secondary	20
✓	Turbidity	ND	NTU	1.0	EPA Action Level	0.1



✓	Chloride	ND	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	5.5	mg/L	250	EPA Secondary	5.0
✓	Bromodichloromethane	ND	mg/L	--		0.002
✓	Bromoform	ND	mg/L	--		0.004
●	Chloroform	0.002	mg/L	--		0.002
✓	Dibromochloromethane	ND	mg/L	--		0.004
●	Total THMs	0.002	mg/L	0.080	EPA Primary	0.002
✓	1,1,1,2-Tetrachloroethane	ND	mg/L	--		0.002
✓	1,1,1,1-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

Status: **Compliant**      Results: **Meets National Standards**      Mid-Century Levels

✓	Compound	ND	mg/L	--	0.002
✓	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
✓	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

Solids	Contaminant	Result	Units	Native Standard	MLL (Detection Level)
✓	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
✓	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	mg/L	--	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
✓	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
✓	Total PCBs	ND	mg/L	0.0005	EPA Primary 0.0005
✓	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 tests were conducted by methods approved by the U.S. Environmental Protection Agency or variations of these EPA methods.

**National Testing Laboratories, Ltd.**  
NATIONAL TESTING LABORATORIES, LTD