



Corporate Headquarters  
6571 Wilson Mills Road  
Cleveland, Ohio 44143

Phone: 800-458-3330



This report package contains 25 pages.

This package contains reports from the following laboratories:

- National Testing Laboratories, Ltd. (8 pages)
- Broward Testing Laboratory, Ltd. (1 pages)
- Pace Analytical Services, Inc.- Minneapolis, MN (7 pages)
- Pace Analytical Services, Inc.- Greensburg, PA (1 page)
- NSF International (4 pages)
- EMSL Analytical, Inc. (1 page)
- Radon Diagnostic Laboratory (1 page)
- Underwriters Laboratories Inc. (1 page)

If you have any questions, please contact Susan Henderson at 1-800-458-3330.



**NATIONAL TESTING LABORATORIES, LTD.**

556 South Mansfield, Ypsilanti, MI 48197-5166

(440) 449-2525 • Fax (440) 449-8585



**ANALYTICAL REPORT**

PAGE 1 OF 7 SAMPLE CODE: 728039

Date: 05/02/11 Report #: 728039 Laboratory ID #: 0055

Client: MAGNETIC SPRINGS WATER CO  
ATTN: JOEL WILLIAMSON  
1917 JOYCE AVENUE  
COLUMBUS, OH 43219-

Date Collected: SEE OPENING INFO  
Time Collected: SEE OPENING INFO  
SOURCE: MUNICIPAL - COLUMBUS  
MUNICIPAL  
MAGNETIC SPRING DRINKING  
FINISHED PRODUCT  
1 GAL/ PROD CODE: 122710

Date received at lab: 12/28/10  
Collected by : J.WILLIAMSON  
Opened 01/24/11 @ 15:09 by JR/JL

Time received at lab: 09:30

Resample of Method 525.2 was received at the laboratory on 04/19/11 @ 10:00; and opened 04/21/11 @ 09:00 by ADW.

The results herein conform to NELAC standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request.



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ANALYTICAL REPORT

PAGE 2 OF 7 SAMPLE CODE: 728039

- NOTE: "\*" The MCL (Maximum Contaminant Level) or an established guideline has been exceeded for this contaminant.  
 "ND" This contaminant was not detected at or above our lower reporting limit (LRL).  
 "NA" Not Analyzed.

pH analysis by EPA Method 150.1 has a 15 minute hold time from sampling to analysis. Analysis of pH past the 15 minute hold time should be considered an estimate. In addition, Free Chlorine, Chloramine and Chlorine Dioxide hold time is immediate, therefore results should be considered an estimate.

Fed Analysis Performed Id #	Method	MCL (mg/l)	LRL	Level Detected	Anal Date
-----					
Inorganic chemicals - metals:					
-----					
1002 Aluminum	200.7	0.2**	0.05	ND	02/08/11
1074 Antimony	200.8	0.006	0.003	ND	02/01/11
1005 Arsenic	200.8	0.010	0.002	ND	02/01/11
1010 Barium	200.8	2	0.10	ND	02/01/11
1075 Beryllium	200.8	0.004	0.001	ND	02/01/11
1079 Boron	200.7	---	0.10	ND	02/08/11
1015 Cadmium	200.8	0.005	0.001	ND	02/01/11
1016 Calcium	200.7	---	2.0	ND	02/08/11
1020 Chromium	200.8	0.1	0.007	ND	02/01/11
1022 Copper	200.8	1.3**	0.002	ND	02/01/11
1028 Iron	200.7	0.3**	0.020	ND	02/08/11
1030 Lead	200.8	0.015	0.001	ND	02/01/11
1031 Magnesium	200.7	---	0.10	ND	02/08/11
1032 Manganese	200.8	0.05**	0.004	ND	02/01/11
1035 Mercury	200.8	0.002	0.0002	ND	02/01/11
1036 Nickel	200.8	---	0.005	ND	02/01/11
1042 Potassium	200.7	---	1.0	ND	02/08/11
1045 Selenium	200.8	0.05	0.002	ND	02/01/11
1050 Silver	200.7	0.1**	0.002	ND	02/08/11
1052 Sodium	200.7	---	1	ND	02/08/11
1085 Thallium	200.8	0.002	0.001	ND	02/01/11
1095 Zinc	200.8	5**	0.004	ND	02/01/11



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ANALYTICAL REPORT

PAGE 3 OF 7 SAMPLE CODE: 728039

Fed Id #	Analysis Performed	Method	MCL (mg/l)	LRL	Level Detected	Anal Date
-----						
Inorganic chemicals - other, and physical factors:						
-----						
1927	Alkalinity (Total as CaCO3)	2320B	---	20	ND	01/29/11
1017	Chloride	300.0	250**	1	ND	01/24/11
1910	Corrosivity	Langelier In	---	---	-6.4	04/28/11
1025	Fluoride	300.0	4	0.10	ND	01/24/11
1055	Sulfate	300.0	250**	5	ND	01/24/11
1915	Hardness (as CaCO3)	2340C	---	10	ND	01/29/11
1930	Total Dissolved Solids	2540C	500**	5	ND	01/24/11
1928	Bicarbonate (as CaCO3)	2320B	---	20	ND	01/29/11
1929	Carbonate (as CaCO3)	2320B	---	20	ND	01/29/11
1021	Hydroxide (as CaCO3)	2320B	---	20	ND	01/29/11
1064	Spec Cond (umhos/cm at 25C)	2510B	---	1	6	01/29/11

Fed Id #	Analysis Performed	Method	MCL (mg/l)	LRL	Level Detected	Anal Date	Anal Time
-----							
1040	Nitrate as N	300.0	10	0.05	0.09	01/24/11	16:43
1041	Nitrite as N	300.0	1	0.05	ND	01/24/11	16:43
1044	Ortho Phosphate	300.0	---	2.0	ND	01/24/11	16:43
1925	pH (Standard Units)	150.1	6.5-8.5**	---	5.3*	01/24/11	15:10
4254	pH Temperature (C)				21		
0100	Turbidity (NTU)	2130B	1.0	0.1	ND	01/24/11	15:00
1905	Color (Apparent)	2120B	15**	3.0	ND	01/24/11	15:55
2905	Foaming Agents	5540C	0.5**	0.1	ND	01/25/11	19:45
1920	Odor Threshold	2150B	3 ton**	---	ND	01/24/11	17:45

\*\* Denotes Secondary Maximum Contaminant Level (SMCL)

Fed Id #	Analysis Performed	Method	MCL (mg/l)	LRL	Level Detected	Anal Date
-----						
1004	Bromide	300.1	---	0.005	ND	01/24/11
1011	Bromate	300.1	0.010	0.005	ND	01/24/11
1009	Chlorite	300.1	1.0	0.005	ND	01/24/11

Fed Id #	Analysis Performed	Method	MCL (mg/l)	LRL	Level Detected	Anal Date	Anal Time
-----							
1013	Free Chlorine as Cl2	4500Cl-G	4.0	0.05	ND	01/24/11	15:11
1006	Chloramine as Cl2	4500Cl-G	4.0	0.05	ND	01/24/11	15:11
1008	Chlorine Dioxide	4500Cl02D0	0.8	0.1	ND	01/24/11	15:11

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## ANALYTICAL REPORT

PAGE 4 OF 7 SAMPLE CODE: 728039

Fed Id #	Analysis Performed	Method	MCL (mg/l)	LRL	Level Detected	Anal Date
-----						
Organic chemicals - trihalomethanes:						
-----						
2942	Bromoform	524.2	---	0.0005	ND	01/28/11
2943	Bromodichloromethane	524.2	---	0.0005	0.0020	01/28/11
2941	Chloroform	524.2	---	0.0005	0.0056	01/28/11
2944	Dibromochloromethane	524.2	---	0.0005	ND	01/28/11
2950	Total THMs	524.2	0.080	0.0005	0.0076	01/28/11

## Organic Chemicals-Volatiles:

2990	Benzene	524.2	0.005	0.0005	ND	01/28/11
2993	Bromobenzene	524.2	---	0.0005	ND	01/28/11
2430	Bromochloromethane	524.2	---	0.0005	ND	01/28/11
2214	Bromomethane	524.2	---	0.0005	ND	01/28/11
2422	n-Butylbenzene	524.2	---	0.0005	ND	01/28/11
2428	sec-Butylbenzene	524.2	---	0.0005	ND	01/28/11
2426	tert-Butylbenzene	524.2	---	0.0005	ND	01/28/11
2982	Carbon Tetrachloride	524.2	0.005	0.0005	ND	01/28/11
2989	Chlorobenzene	524.2	0.1	0.0005	ND	01/28/11
2216	Chloroethane	524.2	---	0.0005	ND	01/28/11
2210	Chloromethane	524.2	---	0.0005	ND	01/28/11
2965	2-Chlorotoluene	524.2	---	0.0005	ND	01/28/11
2966	4-Chlorotoluene	524.2	---	0.0005	ND	01/28/11
2408	Dibromomethane	524.2	---	0.0005	ND	01/28/11
2968	1,2-Dichlorobenzene	524.2	0.6	0.0005	ND	01/28/11
2967	1,3-Dichlorobenzene	524.2	---	0.0005	ND	01/28/11
2969	1,4-Dichlorobenzene	524.2	0.075	0.0005	ND	01/28/11
2212	Dichlorodifluoromethane	524.2	---	0.0005	ND	01/28/11
2978	1,1-Dichloroethane	524.2	---	0.0005	ND	01/28/11
2980	1,2-Dichloroethane	524.2	0.005	0.0005	ND	01/28/11
2977	1,1-Dichloroethene	524.2	0.007	0.0005	ND	01/28/11
2380	cis-1,2-Dichloroethene	524.2	0.07	0.0005	ND	01/28/11
2979	trans-1,2-Dichloroethene	524.2	0.1	0.0005	ND	01/28/11
2983	1,2-Dichloropropane	524.2	0.005	0.0005	ND	01/28/11
2412	1,3-Dichloropropane	524.2	---	0.0005	ND	01/28/11
2416	2,2-Dichloropropane	524.2	---	0.0005	ND	01/28/11
2410	1,1-Dichloropropene	524.2	---	0.0005	ND	01/28/11
2228	cis-1,3-Dichloropropene	524.2	---	0.0005	ND	01/28/11
2224	trans-1,3-Dichloropropene	524.2	---	0.0005	ND	01/28/11
2992	Ethylbenzene	524.2	0.7	0.0005	ND	01/28/11

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## ANALYTICAL REPORT

PAGE 5 OF 7 SAMPLE CODE: 728039

Fed Id #	Analysis Performed	Method	MCL (mg/l)	LRL	Level Detected	Anal Date
-----						
Organic chemicals - volatiles						
-----						
2246	Hexachlorobutadiene	524.2	---	0.0005	ND	01/28/11
2994	Isopropylbenzene	524.2	---	0.0005	ND	01/28/11
2030	4-Isopropyltoluene	524.2	---	0.0005	ND	01/28/11
2964	Dichloromethane	524.2	0.005	0.0005	ND	01/28/11
2248	Naphthalene	524.2	---	0.0005	ND	01/28/11
2998	Propylbenzene	524.2	---	0.0005	ND	01/28/11
2996	Styrene	524.2	0.1	0.0005	ND	01/28/11
2986	1,1,1,2-Tetrachloroethane	524.2	---	0.0005	ND	01/28/11
2988	1,1,2,2-Tetrachloroethane	524.2	---	0.0005	ND	01/28/11
2987	Tetrachloroethene	524.2	0.005	0.0005	ND	01/28/11
2991	Toluene	524.2	1	0.0005	ND	01/28/11
2420	1,2,3-Trichlorobenzene	524.2	---	0.0005	ND	01/28/11
2378	1,2,4-Trichlorobenzene	524.2	0.07	0.0005	ND	01/28/11
2981	1,1,1-Trichloroethane	524.2	0.2	0.0005	ND	01/28/11
2985	1,1,2-Trichloroethane	524.2	0.005	0.0005	ND	01/28/11
2984	Trichloroethene (TCE)	524.2	0.005	0.0005	ND	01/28/11
2218	Trichlorofluoromethane	524.2	---	0.0005	ND	01/28/11
2904	Trichlorotrifluoroethane	524.2	---	0.0005	ND	01/28/11
2414	1,2,3-Trichloropropane	524.2	---	0.0005	ND	01/28/11
2418	1,2,4-Trimethylbenzene	524.2	---	0.0005	ND	01/28/11
2424	1,3,5-Trimethylbenzene	524.2	---	0.0005	ND	01/28/11
2976	Vinyl Chloride	524.2	0.002	0.0005	ND	01/28/11
2251	Methyl-Tert-Butyl-Ether	524.2	---	0.0005	ND	01/28/11
2247	Methyl Ethyl Ketone	524.2	---	0.005	ND	01/28/11
2997	o-Xylene	524.2	---	0.0005	ND	01/28/11
2995	m-Xylene(1)	524.2	---	0.0005	ND	01/28/11
2962	p-Xylene(1)	524.2	---	0.0005	ND	01/28/11
2955	Xylenes (Total)	524.2	10			
-----						

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## ANALYTICAL REPORT

PAGE 6 OF 7 SAMPLE CODE: 728039

Fed Id #	Analysis Performed	Method	MCL (mg/l)	LRL	Level Detected	Anal Date
2010	Lindane	505	0.0002	0.00002	ND	02/01/11
2015	Methoxychlor	505	0.04	0.0001	ND	02/01/11
2383	Total PCBs (2)	505	0.0005	0.0005	ND	02/01/11
2020	Toxaphene	505	0.003	0.001	ND	02/01/11
2110	Silvex(2,4,5-TP)	515.2	0.05	0.0002	NA	
2105	2,4-D	515.2	0.07	0.0001	NA	
2051	Alachlor	508.1	0.002	0.0002	ND	02/08/11
2356	Aldrin	505	---	0.00007	ND	02/01/11
2050	Atrazine	508.1	0.003	0.0001	ND	02/08/11
2959	Chlordane	505	0.002	0.0001	ND	02/01/11
2031	Dalapon	515.3	0.2	0.001	NA	
2440	Dicamba	515.2	---	0.001	NA	
2933	Dichloran	505	---	0.001	ND	02/01/11
2070	Dieldrin	505	---	0.00002	ND	02/01/11
2041	Dinoseb	515.2	0.007	0.0002	NA	
2065	Heptachlor	505	0.0004	0.00001	ND	02/01/11
2067	Heptachlor Epoxide	505	0.0002	0.00001	ND	02/01/11
2274	Hexachlorobenzene	505	0.001	0.0001	ND	02/01/11
2042	Hexachlorocyclopentadiene	505	0.05	0.0001	ND	02/01/11
2934	Pentachloronitrobenzene	505	---	0.0001	ND	02/01/11
2326	Pentachlorophenol	515.2	0.001	0.00004	NA	
2040	Picloram	515.2	0.5	0.0001	NA	
2037	Simazine	508.1	0.004	0.0001	ND	02/08/11
2055	Trifluralin	505	---	0.001	ND	02/01/11
2625	Bentazon	515.2	---	0.001	NA	
-----						
Volatile Organic Chemicals - method 504.1						
-----						
2931	1,2-Dibromo3chloropropane	504.1	0.0002	0.00001	ND	02/08/11
2946	1,2-Dibromoethane	504.1	0.00005	0.00001	ND	02/08/11
-----						





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ANALYTICAL REPORT

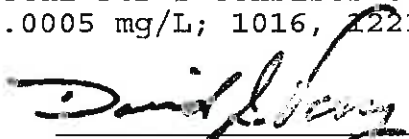
PAGE 7 OF 7 SAMPLE CODE: 728039

Fed Id #	Analysis Performed	Method	MCL (mg/l)	LRL	Level Detected	Anal Date
2453	Monobromoacetic Acid	552.2	---	0.001	ND	02/02/11
2450	Monochloroacetic Acid	552.2	---	0.001	ND	02/02/11
2451	Dichloroacetic Acid	552.2	---	0.001	ND	02/02/11
2452	Trichloroacetic Acid	552.2	---	0.001	ND	02/02/11
2454	Dibromoacetic Acid	552.2	---	0.001	ND	02/02/11
2456	Total Haa's (HAA5)	552.2	0.06	0.001	ND	02/02/11
2021	Carbaryl	531.2	---	0.0015	ND	01/28/11
2022	Methomyl	531.2	---	0.0015	ND	01/28/11
2043	Aldicarb sulfoxide	531.2	0.007	0.0010	ND	01/28/11
2044	Aldicarb sulfone	531.2	0.007	0.0015	ND	01/28/11
2047	Aldicarb	531.2	0.007	0.0010	ND	01/28/11
2066	3-Hydroxycarbofuran	531.2	---	0.0010	ND	01/28/11
2036	Oxamyl	531.2	0.2	0.0015	ND	01/28/11
2046	Carbofuran	531.2	0.04	0.0020	ND	01/28/11
2045	Metolachlor	525.2	---	0.0002	ND	04/27/11
2076	Butachlor	525.2	---	0.0002	ND	04/27/11
2077	Propachlor	525.2	---	0.0002	ND	04/27/11
2005	Endrin	525.2	0.002	0.0002	ND	04/27/11
2595	Metribuzin	525.2	---	0.0002	ND	04/27/11
2626	Molinate	525.2	---	0.0002	ND	04/27/11
2035	Di(2-ethylhexyl) adipate	525.2	0.4	0.0002	ND	04/27/11
2039	Di(2-ethylhexyl) phthalate	525.2	0.006	0.0006	ND	04/27/11
2306	Benzo(A)pyrene	525.2	0.0002	0.0002	ND	04/27/11
2627	Thiobencarb	525.2	---	0.0002	ND	04/27/11
2034	Glyphosate	547	0.7	0.006	ND	01/25/11
2033	Endothall	548.1	0.1	0.009	ND	02/09/11
2032	Diquat	549.2	0.02	0.001	ND	02/03/11

- 504.1- Date Extracted: 02/07/11
- 505 - Date Extracted: 01/31/11
- 508.1- Date Extracted: 02/04/11
- 525.2- Date Extracted: 04/21/11
- 548.1- Date Extracted: 01/30/11
- 549.2- Date Extracted: 01/25/11
- 552.2- Date Extracted: 02/01/11

These test results may be used for compliance purposes as required.

- (1) Due to the limitations of EPA Method 524.2, m and p isomers of xylene are reported as an aggregate.
- (2) Total PCB's consists of the following Aroclors, each with a LRL of 0.0005 mg/L; 1016, 1221, 1232, 1242, 1248, 1254 and 1260.

  
 \_\_\_\_\_  
 David J. Vesey, Lab Director





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ANALYTICAL REPORT

PAGE 1 OF 1 SAMPLE CODE: 728038

Date: 02/01/11 Report #: 728038 Laboratory ID #: 0055

Client: MAGNETIC SPRINGS WATER CO Date Collected: SEE OPENING INFO  
ATTN: JOEL WILLIAMSON Time Collected: SEE OPENING INFO  
1917 JOYCE AVENUE SOURCE: MUNICIPAL-COLUMBUS MUNICIPAL  
COLUMBUS, OH 43219- MAGNETIC SPRING DRINKING  
FINISHED PRODUCT  
1 GAL/ PROD CODE: 122710

Date received at lab: 12/28/10 Time received at lab: 09:30  
OPENED 01/24/11 @ 15:09 BY J.R. Collected by : J.WILLIAMSON

The results herein conform to NELAC standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request.

NOTE: "\*" The MCL (Maximum Contaminant Level) or an established guideline has been exceeded for this contaminant.

- "A" = ABSENCE
- "EP" = E. COLI PRESENCE "EA" = E. COLI ABSENCE
- "NA" = NOT ANALYZED.
- "EST" = Estimated Value - plate could not be counted due to excessive levels of bacteria.

Total Coliform and E. Coli results > 0 are estimated.

Fed Id #	Analysis Performed	Method	MCL (mg/l)	LRL	Level Detected	Anal Date	Anal Time
3000	Total coliform (CFU/ML)	9223B	0	0	A	01/25/11	12:45
3001	SPC (CFU/ML)	9215B	500	1	< 1	01/25/11	12:30

Note: The MCL's shown above were derived from the USEPA National Primary and Secondary Drinking Water Regulations.

-----  
David J. Vesey, Lab Director



ANALYTICAL REPORT

PAGE 1 OF 1 SAMPLE CODE: 101922

Date: 02/09/11 Report #: 101922 Laboratory ID #: E86035

Client: MAGNETIC SPRINGS WATER CO  
 ATTN: JOEL WILLIAMSON  
 1917 JOYCE AVENUE  
 COLUMBUS, OH 43219-

Date Collected: SEE OPENING INFO  
 Time Collected: SEE OPENING INFO  
 SOURCE: MUNICIPAL-COLUMBUS MUNICIPAL  
 MAGNETIC SPRING DRINKING  
 FINISHED PRODUCT  
 1GAL/PROD CODE: 122710

Date received at lab: 01/25/11  
 OPENED 01/24/11 @ 15:09 BY J.R.

Time received at lab: 10:00  
 Collected by : J.WILLIAMSON

The results herein conform to NELAC standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request.

- NOTE: "\*" The MCL (Maximum Contaminant Level) or an established guideline has been exceeded for this contaminant.  
 "ND" This contaminant was not detected at or above our lower reporting limit (LRL).  
 "NA" Not Analyzed.

Fed Id #	Analysis Performed	Method	MCL (ug/l)	LRL	Level Detected	Anal Date
2110	Silvex (2,4,5-TP)	515.3	50	1.0	ND	02/03/11
2105	2,4-D	515.3	70	1.5	ND	02/03/11
2031	Dalapon	515.3	200	12.0	ND	02/03/11
2440	Dicamba	515.3	---	0.5	ND	02/03/11
2041	Dinoseb	515.3	7	3.5	ND	02/03/11
2326	Pentachlorophenol	515.3	1	0.5	ND	02/03/11
2040	Picloram	515.3	500	1.0	ND	02/03/11
2625	Bentazon	515.3	---	1.5	ND	02/03/11

515.3 DATE EXTRACTED 01/31/11

These test results may be used for compliance purposes as required.

-----  
 Ronald Lyons, Lab Director



Pace Analytical Services, Inc.  
1700 Elm Street  
Minneapolis, MN 55414  
Phone: 612.607.1700  
Fax: 612.607.6444

**Report Prepared for:**

Susan Henderson  
National Testing Laboratories  
6571 Wilson Mills Road  
Cleveland OH 44143

**REPORT OF  
LABORATORY  
ANALYSIS FOR  
2,3,7,8-TCDD**

**Report Summary:**

Enclosed are analytical results of one drinking water sample analyzed for 2,3,7,8-TCDD content. This sample was analyzed according to Method 1613B by High Resolution Gas Chromatography/High Resolution Mass Spectrometry.

The results reported for this sample and the associated quality control samples were all within the criteria described in Method 1613B. If you have any questions or concerns regarding these results, please contact Cory Lund, your Pace Project Manager.

**Pace Project Number:**

10148120

**Report Prepared Date:**

February 8, 2011

**Finished Product**

Company Name: Magnetic Springs Water Co.  
Company City & State: Columbus OH  
Sample ID: 728039  
Source Name: Columbus Municipal  
Source Location: Columbus OH  
PWS ID: N/A  
Date & Time Opened: 01/24/2011 @ 15:09  
Opened By: JW  
Laboratory Sample ID: 10148120001  
Date Sampled: 01/24/2011 @ 15:09  
Date Received: 01/26/2011 @ 09:16

**This report has been reviewed by:**

February 08, 2011

Cory Lund, Project Manager  
(612) 607-6378  
(612) 607-1700 (fax)  
cory.lund@pacelabs.com



**Report of Laboratory Analysis**

This report should not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc.

The results relate only to the samples included in this report.



## Minnesota Laboratory Certifications

Authority	Certificate #	Authority	Certificate #
Alabama	40770	Montana	92
Alaska	MN00064	Nebraska	
Arizona	AZ0014	Nevada	MN000642010A
Arkansas	88-0680	New Jersey (NE)	MN002
California	01155CA	New Mexico	MN00064
Colorado	MN00064	New York (NEL)	11647
Connecticut	PH-0256	North Carolina	27700
EPA Region 5	WD-15J	North Dakota	R-036
EPA Region 8	8TMS-Q	Ohio	4150
Florida (NELAP)	E87605	Ohio VAP	CL101
Georgia (DNR)	959	Oklahoma	D9922
Guam	09-019r	Oregon (ELAP)	MN200001-005
Hawaii	SLD	Oregon (OREL)	MN200001-005
Idaho	MN00064	Pennsylvania	68-00563
Illinois	200012	Saipan	MP0003
Indiana	C-MN-01	South Carolina	74003001
Indiana	C-MN-01	Tennessee	2818
Iowa	368	Tennessee	02818
Kansas	E-10167	Texas	T104704192-08
Kentucky	90062	Utah (NELAP)	PAM
Louisiana	LA0900016	Virginia	00251
Maine	2007029	Washington	C755
Maryland	322	West Virginia	9952C
Michigan	9909	Wisconsin	999407970
Minnesota	027-053-137	Wyoming	8TMS-Q
Mississippi	MN00064		

## REPORT OF LABORATORY ANALYSIS

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## Reporting Flags

- A = Reporting Limit based on signal to noise
- B = Less than 10x higher than method blank level
- C = Result obtained from confirmation analysis
- D = Result obtained from analysis of diluted sample
- E = Exceeds calibration range
- I = Interference present
- J = Estimated value
- Nn = Value obtained from additional analysis
- P = PCDE Interference
- R = Recovery outside target range
- S = Peak saturated
- U = Analyte not detected
- V = Result verified by confirmation analysis
- X = %D Exceeds limits
- Y = Calculated using average of daily RFs
- \* = See Discussion

## REPORT OF LABORATORY ANALYSIS

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**CHAIN OF CUSTODY**

Initiated by:  Client  Broward Testing Laboratory, Ltd.  National Testing Laboratories, Ltd.

CLIENT COMMENTS:		COLLECTION		SAMPLE #	TYPES OF SAMPLES:	SAMPLE SITE DESCRIPTION	SAMPLE TYPE	# OF CONTAINERS	TEST(S) REQUESTED PER SAMPLE (X)
DATE	TIME	DATE	TIME						
1/24/11	1509	11/20/25		728039	DRINKING WATER = D SOIL SAMPLE = S GROUND WATER = G SLUDGE/WASTE = W POOL WATER = P OTHER TYPE = O	Magnetic Spring	A	2	
				728040			B	2	

RECEIVER SIGNATURE CONFIRMS THAT THE BOTTLES RECEIVED ARE CONSISTENT WITH THE REQUIRED TESTING PROTOCOL		DATE	TIME	DATE	TIME
SAMPLED BY: (Signature)	(1)				
SHIPPED BY: (Signature)	(2)	1/25/11	1600		
RECEIVED BY: (Signature)	(3)	1/26/11	0916		
RELINQUISHED BY: (Signature)	(4)				
RECEIVED BY: (Signature)	(5)				
RELINQUISHED BY: (Signature)	(6)				
RECEIVED BY: (Signature)	(7)				





Sample Condition Upon Receipt

Client Name: NTL

Project # 10148120  
10148121

Courier:  Fed Ex  UPS  USPS  Client  Commercial  Pace Other \_\_\_\_\_

Tracking #: 1Z-A1V-431-01-4013-21978



Custody Seal on Cooler/Box Present:  yes  no Seals Intact:  yes  no

Packing Material:  Bubble Wrap  Bubble Bag  None  Other \_\_\_\_\_ Temp Blank: Yes \_\_\_\_\_ No 1

Thermometer Used 80944042 or 179428 Type of Ice: Wet Blue None  Samples on Ice, cooling process has begun

Cooler Temperature 2.60 Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 1/26/11

Temp should be above freezing to 8°C Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>NT</u>		
All containers needing acid/base preservation have been checked. Noncompliance are noted in 13.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Exceptions: VOA, Coliform, TOC, Oil and Grease, WI-DRO (water)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		Initial when completed
		Lot # of added preservative
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Headspace in VOA Vials (>8mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

HNO3     H2SO4     NaOH     HCl  
 Samp # \_\_\_\_\_  
 Initial when completed \_\_\_\_\_  
 Lot # of added preservative \_\_\_\_\_

Client Notification/ Resolution: \_\_\_\_\_ Field Data Required? Y / N  
 Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Comments/ Resolution: \_\_\_\_\_

Project Manager Review: [Signature] Date: 1/26/11

10148120



National Testing Laboratories, LTD.  
Broward Testing Laboratories, LTD.  
Phone: 800-458-3330 Fax: 440-449-8585

PLEASE COMPLETE THIS FORM AND RETURN IT WITH YOUR SAMPLE. THE INFORMATION AS PROVIDED HEREIN WILL BE USED TO REPORT YOUR ANALYTICAL RESULTS. THE BLOCK TO THE RIGHT IS RESERVED FOR OUR LABORATORY USE ONLY.

**SHIP TO MICHIGAN**

Magnetic Springs Water Co.  
1917 Joyce Avenue  
Columbus, OH 43219

PWS ID# (if not applicable, enter N/A): Columbus Municipal

CONTACT NAME: Joe Williams  
PHONE NUMBER: 614-774-4784  
FAX NUMBER: 866-791-4414

728039-  
LAB NUMBER

LAB ACCOUNTING INFORMATION  
PAYMENT \$ \_\_\_\_\_  
CHECK # \_\_\_\_\_

LAB SPECIAL INSTRUCTIONS:  
1142025  
50 DDBP  
GRP 1-5 DDBP, CAADDON  
R: 9195                      TSR: BLV

LAB COMMENTS:  
515.3 (966) - BTL  
DRINKING PRODUCT  
2010 ANNUAL TEST  
NY & PA COMPLIANCE  
U-NSF                      Asbestos - EMSC  
Leads - Pace, PA                      ferrous - all  
Dioxin - Pace, MD                      Radon - AIL\*

LAB SAMPLE INFORMATION:  
DATE RCVD 12/28/10 TIME (Military) 9:30  
BY: JL  
OPENED DATE: 1/29/11 TIME (Military) 1509  
BY: [Signature]  
 Sample receipt criteria checked & acceptable.  
 Deviation from acceptable sample receipt criteria noted on PSA form.

COMPLIANCE APPROVAL ONLY

**FINISHED PRODUCT INFORMATION (CRITICAL)**

SOURCE TYPE:  SPRING  WELL  MUNICIPAL  OTHER

SOURCE NAME: Columbus Municipal  
(Source information is REQUIRED for all Finished Products)

CITY: \_\_\_\_\_ STATE: OH  
(If different than above) (If different than above)

PRODUCT COLLECTED BY: [Signature]  
(Signature)

PRODUCT COLLECTED BY: Joe Williams  
(Please Print)

Product is submitted in laboratory containers, complete the following information  
Time Opened (in military time, e.g. 3:00pm = 15:00): 9:00  
Check Time Zone:  EST  CST  MST  PST  OTHER

Lab will provide AW for AIL

BRAND NAME/PRODUCT TYPE: Magnetic Springs Drinking  
(e.g.: XYZ Spring Water or XYZ Distilled Water)

CONTAINER SIZE: 1 gal

PRODUCTION CODE OR LOT NO.: 172716

FORM COMPLETED BY: Joe Williams  
(Please Print)

IF PENNSYLVANIA REPORTING IS REQUIRED AND YOUR PRODUCT IS GREATER THAN 1.77 LITERS, PLEASE PROVIDE THE FOLLOWING:

LOCATION: \_\_\_\_\_ PENNSYLVANIA PWS ID NO.: \_\_\_\_\_

ADDITIONAL COMMENT: \* AIL #

In Wisconsin AW for AIL 12/28/10



### ANALYTICAL RESULTS

Project: 1142025  
Pace Project No.: 3040568

**Sample: 728039**      **Lab ID: 3040568001**      Collected: 01/27/11 12:10      Received: 01/27/11 12:10      Matrix: Drinking Water  
PWS:      Site ID:      Sample Type:  
Comments:      • FINISHED WATER, Columbus Municipal, OH  
                  • Magnetic Spring Drinking, Cont. size: 1 gal, Prod. code: 122710  
                  • sample opened on 1/27/11 @12:10 by Robin Smolcic

Parameters	Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Gross Alpha	EPA 900.0	0.558 ± 0.740 (1.58)	pCi/L	02/09/11 07:42	12587-46-1	
Gross Beta	EPA 900.0	0.199 ± 0.687 (1.58)	pCi/L	02/09/11 07:42	12587-47-2	
Radium-226	EPA 903.1	0.000 ± 0.159 (0.421)	pCi/L	02/15/11 14:04	13982-63-3	
Radium-228	EPA 904.0	0.586 ± 0.446 (0.896)	pCi/L	02/15/11 14:49	15262-20-1	



**NSF International**

789 N. Dixboro Rd. Ann Arbor, MI 48015, USA  
1-800.NSF.MARK | +1-734.769.8010 | www.nsf.org

# TEST REPORT

**Send To: C0023226**

Ms. Susan Henderson  
National Testing Laboratories, Ltd.  
6571 Wilson Mills Road  
Cleveland, OH 44143

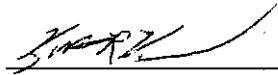
**Facility: C0023227**

National Testing Laboratories, Ltd.  
556 South Mansfield Street  
Ypsilanti, MI 48197

Result	COMPLETE	Report Date	08-FEB-2011
Customer Name	National Testing Laboratories, Ltd.		
Tested To	USFDA CFR Title 21 Part 165.110		
Description	Sample # 728039   Order # 1142025		
Test Type	Test Only		
Job Number	J-00097345		
Project Number	9105066 (CL10)		
Project Manager	Myla Estacio		

**Thank you for having your product tested by NSF International.**

Please contact your Project Manager if you have any questions or concerns pertaining to this report.

**Report Authorization**   
Kurt Kneen - Director, Chemistry Laboratory

**Date** 08-FEB-2011

**General Information**

Standard: USFDA CFR Title 21 Part 165.110

Date and Time Sampled: 1/24/11 15:09

Product Description: Order # 1142025

Trade Name: Sample # 728039

Sample Id: **S-0000811025**

Description: Sample # 728039 | Order # 1142025 1/24/11 15:09

Sampled Date: 01/28/2011

Received Date: 01/28/2011

Testing Parameter	Detection Limit	Result	FDA SOQ	Units	P / F
<b>Radiologicals</b>					
Uranium	0.001	ND	0.03	mg/L	Pass
<b>Inorganic Chemicals</b>					
Phenolics	0.001	ND	0.001	mg/L	Pass





<<Additional Information>>

Sample Id: S-0000811025

Test Parameter	Date Analyzed	Time Analyzed	Date Prepared/ Processed
<b>Radiologicals</b>			
Uranium in Drinking Water by ICPMS (Ref: EPA 200.8)	3-FEB-2011		
<b>Inorganic Chemicals</b>			
* Phenolics, Total Recoverable (Ref: EPA 420.2)	3-FEB-2011		



**Testing Laboratories:**

	<b>Id</b>	<b>Address</b>
All work performed at:	NSF_AA	NSF International 789 N. Dixboro Road Ann Arbor MI 48105

**References to Testing Procedures:**

<b>NSF Reference</b>	<b>Parameter / Test Description</b>
C3021	* Phenolics, Total Recoverable (Ref: EPA 420.2)
C4496	Uranium in Drinking Water by ICPMS (Ref: EPA 200.8)

**Certifications:**

Arizona ( # AZ0655 )	California ( # 01149 CA )	Connecticut ( # PH-0625 )
Florida ( # E-87752 FL )	Hawaii	Indiana
Maryland ( # 201 )	Michigan ( # 0048 )	North Carolina ( # 26701 )
New Jersey ( # 62770 )	Nevada ( # MI000302010A )	New York ( # 11206 )
Pennsylvania ( # 68-00312 )	South Carolina ( # 81005 )	Virginia ( # 00045 )
Vermont ( # VT 11206 )		

Test descriptions preceded by an asterisk "\*" indicate that testing has been performed per NSF International requirements but is not within its scope of accreditation.

The reported result for Odor, Phenolics, Potassium, Specific Conductance and Total Residual Chlorine cannot be used for compliance purposes within the State of Arizona.

**Notes:**

- 1) Bottled water sold in the United States shall not contain Fluoride in excess of the levels published by the USFDA in 21 CFR Part 165.110. These levels are based on the annual average of maximum daily air temperatures at the location where the bottled water is sold at retail. Please refer to the most current edition of the regulation to determine the Fluoride maximum level that pertains to your product.
- 2) A blank on the FDA SOQ column indicates that no maximum level has been established by the FDA for that contaminant.
- 3) An ND result means that the contaminant was not detected at or above the detection limit for the instrument.



### EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Phone: (800) 220-3675 Fax: (856) 786-5974 Web: <http://www.emsl.com> Email: [westmontasblab@EMSL.com](mailto:westmontasblab@EMSL.com)

Attn: **Susan Henderson**  
**National Testing Laboratories, Inc.**  
**6571 Wilson Mills Road**  
**Cleveland, OH 44143**

EMSL Order: 041101798  
Customer ID: NTL178  
Customer PO: 14630  
EMSL Project ID:  
Received: 1/26/2011  
Analyzed: 1/28/2011

Fax: (Ema) il -only Phone: (440) 449-2525  
Project:

### Test Report: Determination of Asbestos Structures >10µm in Drinking Water Performed by the 100.2 Method (EPA 600/R-94/134)

Sample ID Client / EMSL	Sample Filtration Date/Time	Original Sample Vol. Filtered (ml)	Effective Filter Area (mm <sup>2</sup> )	Area Analyzed (mm <sup>2</sup> )	ASBESTOS				
					Asbestos Types	Fibers Detected	Analytical Sensitivity	Concentration	Confidence Limits
728039	1/26/2011	100	1291	0.0660	None Detected	ND	0.20	<0.20	0.00 - 0.72
041101798-0001	11:00 AM								

Initial report from: 01/28/2011 00:47:15

Analyst(s)  
Debbie Little (1)

Stephen Siegel, CIH, Laboratory Manager  
or other Approved Signatory

Any questions please contact Steve Siegel.

Sample collection and containers provided by the client, acceptable bottle blank level is defined as ≤0.01MFL>10µm, ND=None Detected. This report may not be reproduced, except in full, without written permission by EMSL Analytical, Inc. The test results contained within this report meet the requirements of NELAC unless otherwise noted. This report relates only to the samples reported above. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. 200 Route 130 North, Cinnaminson NJ NELAC NYS ELAP 10872, NJ DEP 03036, FL DOH E87975



## **RADON DIAGNOSTIC LABORATORY**

3100 Hotel Rd., P.O. Box 1507  
Auburn, Maine 04211

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National Testing Laboratories, LTD  
6571 Wilson Mills Road  
Cleveland, OH 44143

### **CUSTOMER INFORMATION**

**BOTTLE NUMBER:** 36636W                      **DATE RECEIVED:** 01/26/11

**CLIENT NAME:**                                      **Magnetic Springs Water Co.**

**CLIENT ADDRESS:**                                      1917 Joyce Avenue  
Columbus, OH 43219

**NTL CUST SAMPLE ID:**                                      728039

**DATE/TIME COLLECTED:**

**DATE/TIME OPENED:**                                      01/24/11 @ 1509

**DATE ANALYZED:**                                      01/26/11

### **RESULTS OF WATER RADON ANALYSIS**

**<50 pCi/L**

The test results from water samples are reported for the samples as received in our laboratory. RDL cannot be responsible for samples that were not collected under direct supervision.

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**RDL/A&L Laboratory Inc., P.O. Box 1507, Auburn, ME 04211-1507**  
**207-784-5354 fax: 207-782-5561 email: [allabs@adelphia.net](mailto:allabs@adelphia.net)**

  
Jonathan Dyer, Lab Director



LABORATORY REPORT

Client: National Testing Laboratories
Attn: Susan Henderson
6571 Wilson Mills Road
Cleveland, OH 44143

Report: 257553
Priority: Standard Written
Status: Final
Lab Cert#: M-IN035
Source Type: Municipal
Source Name: Columbus Municipal
City: Columbus, OH

Brand Name/Product Type: Magnetic Springs Drinking
Container Size: 1 gal
Production Code or Lot No.: 122710
Samples Submitted: Two finished product samples
National Testing #: 1142025

Sample Opened
Date: 01/24/11 Time: 15:09

By: Client

Received
Date: 01/25/11 Time: 10:00

Table with 6 columns: PARAMETER, SDWA Method, MRL \*, Results, Analysis Date, Lab Number. Rows include Cyanide (mg/L), Perchlorate (ug/L), and Conductivity (uS/cm).

NA = Not applicable

\* UL has demonstrated it can achieve this method validation limit in reagent water, but cannot document them in all sample matrices.

Note: Samples were provided by the client in sealed finished product containers.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call us at (574) 233-4777.

Note: This report may not be reproduced, except in full, without written approval from Underwriters Laboratories Inc. (UL).

Reviewed By: [Signature]
Finalized By: [Signature]

Date: 01-04-2011
Date: 2-8-2011