



**Corporate Headquarters**  
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Cleveland, Ohio 44143

**Phone: 800-458-3330**

This report package contains 21 pages.

This package contains reports from the following laboratories:

- National Testing Laboratories, Ltd. (9 pages)
- Pace Analytical Services, Inc.- Minneapolis, MN (8 pages)
- Pace Analytical Services, Inc.-Greensburg, PA (1 page)
- EMSL Analytical, Inc. (1 page)
- Eurofins Eaton Analytical, Inc. (1 page)



**National Testing Laboratories, Ltd**

556 South Mansfield, Ypsilanti, MI, 48197-5166

(440) 449-2525, Fax: (440) 449-8585

**ANALYTICAL REPORTS****SAMPLE CODE: 435074****10/12/2022**

**Source:** Finished Distilled Product  
**Source Type:** Spring Water  
**Brand Name:** Distilled Water  
**Production Code:** 22825  
**Container Size:** 5 Gallon

**Date/Time Received:** 8/19/2022 09:40**Collected by:** T. Gilliam

The results herein conform to TNI and ISO/IEC 17025:2017 standards, where applicable. These results may be used for compliance purposes, as required, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

**Legend:**

Any 'Level Detected' marked with an asterisk (\*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

**"ND"** This contaminant was not detected at or above our lower reporting limit (LRL)

**"NA"** Not Analyzed

**"Standard"** This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA Secondary Standards.

**"LRL"** This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.

**"DF"** This column indicates the contaminant dilution factor.

**Report Notes:**

pH analysis 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, Chlorine, Chloramine and Chlorine Dioxide hold time is immediate, therefore results should be considered an estimate.

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
<b>Inorganic Analytes - Metals</b>										
1002	Aluminum	200.7	0.2	mg/L	0.05	ND	1	9/12/2022 14:56		9/20/2022
1074	Antimony	200.8	0.006	mg/L	0.003	ND	1	9/12/2022 14:56		9/17/2022
1005	Arsenic	200.8	0.010	mg/L	0.002	ND	1	9/12/2022 14:56		9/17/2022
1010	Barium	200.7	2	mg/L	0.10	ND	1	9/12/2022 14:56		9/20/2022
1075	Beryllium	200.7	0.004	mg/L	0.001	ND	1	9/12/2022 14:56		9/20/2022
1079	Boron	200.7	--	mg/L	0.10	ND	1	9/12/2022 14:56		9/20/2022
1015	Cadmium	200.7	0.005	mg/L	0.001	ND	1	9/12/2022 14:56		9/20/2022
1016	Calcium	200.7	--	mg/L	2.0	ND	1	9/12/2022 14:56		9/20/2022
1020	Chromium	200.7	0.100	mg/L	0.007	ND	1	9/12/2022 14:56		9/20/2022
1022	Copper	200.7	1.0	mg/L	0.002	0.002	1	9/12/2022 14:56		9/20/2022
1028	Iron	200.7	0.3	mg/L	0.020	ND	1	9/12/2022 14:56		9/20/2022
1030	Lead	200.8	0.015	mg/L	0.001	ND	1	9/12/2022 14:56		9/17/2022
1031	Magnesium	200.7	--	mg/L	0.10	ND	1	9/12/2022 14:56		9/20/2022
1032	Manganese	200.7	0.05	mg/L	0.004	ND	1	9/12/2022 14:56		9/20/2022
1035	Mercury	200.8	0.002	mg/L	0.0002	ND	1	9/12/2022 14:56		9/17/2022
1036	Nickel	200.7	--	mg/L	0.005	ND	1	9/12/2022 14:56		9/20/2022
1042	Potassium	200.7	--	mg/L	1.0	ND	1	9/12/2022 14:56		9/20/2022
1045	Selenium	200.8	0.05	mg/L	0.002	ND	1	9/12/2022 14:56		9/17/2022
1049	Silica	200.7	--	mg/L	0.05	0.40	1	9/12/2022 14:56		9/20/2022

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# National Testing Laboratories, Ltd

556 South Mansfield, Ypsilanti, MI, 48197-5166  
(440) 449-2525, Fax: (440) 449-8585

## ANALYTICAL REPORTS

SAMPLE CODE: 435074

10/12/2022

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
1050	Silver	200.7	0.10	mg/L	0.002	ND	1	9/12/2022 14:56		9/20/2022
1052	Sodium	200.7	--	mg/L	1	ND	1	9/12/2022 14:56		9/20/2022
1085	Thallium	200.8	0.002	mg/L	0.001	ND	1	9/12/2022 14:56		9/17/2022
4009	Uranium	200.8	0.030	mg/L	0.001	ND	1	9/12/2022 14:56		9/17/2022
1095	Zinc	200.7	5.000	mg/L	0.004	ND	1	9/12/2022 14:56		9/20/2022
Physical Factors										
1927	Alkalinity (Total as CaCO3)	2320B	--	mg/L	20	ND	1	9/12/2022 14:56		9/13/2022
1905	Apparent Color	2120B	15	CU	3	ND	1	9/12/2022 14:56		9/13/2022 09:25
1928	Bicarbonate (as CaCO3)	2320B	--	mg/L	20	ND	1	9/12/2022 14:56		9/13/2022
1929	Carbonate (as CaCO3)	2320B	--	mg/L	20	ND	1	9/12/2022 14:56		9/13/2022
1910	Corrosivity	2330B	--	SI	-5.80	R2	1	9/12/2022 14:56		9/20/2022
2905	Foaming Agents	5540C	0.5	mg/L	0.1	ND	Q	9/12/2022 14:56		9/15/2022 10:35
MBAS, calculated as Linear Alkylate Sulfonate (LAS), mol wt of 342.4 g/mole										
1915	Hardness	2340B	--	mg/L	5.0	ND	1	9/12/2022 14:56		9/20/2022
1021	Hydroxide (as CaCO3)	2320B	--	mg/L	20	ND	1	9/12/2022 14:56		9/13/2022
1920	Odor Threshold	2150B	3	ton	1	ND	1	9/12/2022 14:56		9/12/2022 16:55
1925	pH	150.1	5-7	pH Units		5.3	1	9/12/2022 14:56		9/12/2022 17:05
4254	pH Temperature	150.1	--	Deg, C		21	1	9/12/2022 14:56		9/12/2022 17:05
1064	Specific Cond. @ 25 deg. C	2510B	--	umhos/cm	1	2	1	9/12/2022 14:56		9/13/2022
1930	Total Dissolved Solids	2540C	500	mg/L	5	ND	1	9/12/2022 14:56		9/14/2022
0100	Turbidity	2130B	1	NTU	0.1	ND	1	9/12/2022 14:56		9/13/2022 09:05
Inorganic Analytes - Other										
1011	Bromate	300.1	0.010	mg/L	0.005	ND	1	9/12/2022 14:56		9/20/2022
1004	Bromide	300.1	--	mg/L	0.005	ND	1	9/12/2022 14:56		9/20/2022
1006	Chloramine as Cl2	4500Cl-G	4.0	mg/L	0.05	ND	1	9/12/2022 14:56		9/12/2022 16:50
1017	Chloride	300.0	250	mg/L	1.0	ND	1	9/12/2022 14:56		9/13/2022 11:17
1012	Chlorine as Cl2	4500Cl-G	4.0	mg/L	0.05	ND	1	9/12/2022 14:56		9/12/2022 16:47
1008	Chlorine Dioxide as ClO2	4500ClO2D	0.8	mg/L	0.1	ND	1	9/12/2022 14:56		9/12/2022 16:54
1009	Chlorite	300.1	1.0	mg/L	0.005	ND	1	9/12/2022 14:56		9/20/2022
1025	Fluoride	300.0	4.0	mg/L	0.10	ND	1	9/12/2022 14:56		9/13/2022 11:17
1040	Nitrate as N	300.0	10	mg/L	0.05	ND	1	9/12/2022 14:56		9/13/2022 11:17
1041	Nitrite as N	300.0	1	mg/L	0.05	ND	1	9/12/2022 14:56		9/13/2022 11:17
1044	Ortho Phosphate	300.0	--	mg/L	2.0	ND	1	9/12/2022 14:56		9/13/2022 11:17
1055	Sulfate	300.0	250	mg/L	5.0	ND	1	9/12/2022 14:56		9/13/2022 11:17
Organic Analytes - Trihalomethanes										
2943	Bromodichloromethane	524.2 THMs	--	mg/L	0.0005	ND	1	9/12/2022 14:56		9/14/2022
2942	Bromoform	524.2 THMs	--	mg/L	0.0005	ND	1	9/12/2022 14:56		9/14/2022
2941	Chloroform	524.2 THMs	--	mg/L	0.0005	ND	1	9/12/2022 14:56		9/14/2022

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## ANALYTICAL REPORTS

**SAMPLE CODE: 435074**

**10/12/2022**

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled		Date Prepped	Date/Time Analyzed
2944	Dibromochloromethane	524.2 THMs	--	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
2950	Total THMs	524.2 THMs	0.080	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
<b>Organic Analytes - Haloacetic Acids</b>											
2454	Dibromoacetic Acid	552.2 HAAs --		ug/L	1.0	ND	1	9/12/2022	14:56	9/19/2022	9/27/2022
2451	Dichloroacetic Acid	552.2 HAAs --		ug/L	1.0	ND	1	9/12/2022	14:56	9/19/2022	9/27/2022
2453	Monobromoacetic Acid	552.2 HAAs --		ug/L	1.0	ND	1	9/12/2022	14:56	9/19/2022	9/27/2022
2450	Monochloroacetic Acid	552.2 HAAs --		ug/L	1.0	ND	1	9/12/2022	14:56	9/19/2022	9/27/2022
2452	Trichloroacetic Acid	552.2 HAAs --		ug/L	1.0	ND	1	9/12/2022	14:56	9/19/2022	9/27/2022
2456	Total HAAs	552.2 HAAs 60		ug/L	1.0	ND	1	9/12/2022	14:56	9/19/2022	9/27/2022
<b>Organic Analytes - Volatiles</b>											
2986	1,1,1,2-Tetrachloroethane	524.2	--	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
2981	1,1,1-Trichloroethane	524.2	0.2	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
2988	1,1,2,2-Tetrachloroethane	524.2	--	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
2985	1,1,2-Trichloroethane	524.2	0.005	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
2978	1,1-Dichloroethane	524.2	--	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
2977	1,1-Dichloroethene	524.2	0.007	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
2410	1,1-Dichloropropene	524.2	--	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
2420	1,2,3-Trichlorobenzene	524.2	--	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
2414	1,2,3-Trichloropropane	524.2	--	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
2378	1,2,4-Trichlorobenzene	524.2	0.07	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
2418	1,2,4-Trimethylbenzene	524.2	--	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
2968	1,2-Dichlorobenzene	524.2	0.6	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
2980	1,2-Dichloroethane	524.2	0.005	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
2983	1,2-Dichloropropane	524.2	0.005	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
2424	1,3,5-Trimethylbenzene	524.2	--	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
2967	1,3-Dichlorobenzene	524.2	--	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
2412	1,3-Dichloropropane	524.2	--	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
2969	1,4-Dichlorobenzene	524.2	0.075	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
2416	2,2-Dichloropropane	524.2	--	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
2965	2-Chlorotoluene	524.2	--	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
2966	4-Chlorotoluene	524.2	--	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
2030	4-Isopropyltoluene	524.2	--	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
2990	Benzene	524.2	0.005	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
2993	Bromobenzene	524.2	--	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
2430	Bromochloromethane	524.2	--	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
2214	Bromomethane	524.2	--	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
2982	Carbon Tetrachloride	524.2	0.005	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
2989	Chlorobenzene	524.2	0.1	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
2216	Chloroethane	524.2	--	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022
2210	Chloromethane	524.2	--	mg/L	0.0005	ND	1	9/12/2022	14:56		9/14/2022

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## ANALYTICAL REPORTS

SAMPLE CODE: 435074

10/12/2022

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
2380	cis-1,2-Dichloroethene	524.2	0.07	mg/L	0.0005	ND	1	9/12/2022 14:56		9/14/2022
2228	cis-1,3-Dichloropropene	524.2	--	mg/L	0.0005	ND	1	9/12/2022 14:56		9/14/2022
2408	Dibromomethane	524.2	--	mg/L	0.0005	ND	1	9/12/2022 14:56		9/14/2022
2212	Dichlorodifluoromethane	524.2	--	mg/L	0.0005	ND	1	9/12/2022 14:56		9/14/2022
2964	Dichloromethane	524.2	0.005	mg/L	0.0005	ND	1	9/12/2022 14:56		9/14/2022
2992	Ethylbenzene	524.2	0.7	mg/L	0.0005	ND	1	9/12/2022 14:56		9/14/2022
2246	Hexachlorobutadiene	524.2	--	mg/L	0.0005	ND	1	9/12/2022 14:56		9/14/2022
2994	Isopropylbenzene	524.2	--	mg/L	0.0005	ND	1	9/12/2022 14:56		9/14/2022
2251	Methyl Tert Butyl Ether	524.2	--	mg/L	0.0005	ND	1	9/12/2022 14:56		9/14/2022
2247	Methyl-Ethyl Ketone	524.2	--	mg/L	0.005	ND	R2 1	9/12/2022 14:56		9/14/2022
2248	Naphthalene	524.2	--	mg/L	0.0005	ND	1	9/12/2022 14:56		9/14/2022
2422	n-Butylbenzene	524.2	--	mg/L	0.0005	ND	1	9/12/2022 14:56		9/14/2022
2997	o-Xylene	524.2	--	mg/L	0.0005	ND	1	9/12/2022 14:56		9/14/2022
2963	p and m-Xylenes	524.2	--	mg/L	0.0010	ND	1	9/12/2022 14:56		9/14/2022
Due to the limitation of EPA Method 524.2, p and m isomers of Xylene are reported as aggregate.										
2998	Propylbenzene	524.2	--	mg/L	0.0005	ND	1	9/12/2022 14:56		9/14/2022
2428	sec-Butylbenzene	524.2	--	mg/L	0.0005	ND	1	9/12/2022 14:56		9/14/2022
2996	Styrene	524.2	0.1	mg/L	0.0005	ND	1	9/12/2022 14:56		9/14/2022
2426	tert-Butylbenzene	524.2	--	mg/L	0.0005	ND	1	9/12/2022 14:56		9/14/2022
2987	Tetrachloroethene	524.2	0.005	mg/L	0.0005	ND	1	9/12/2022 14:56		9/14/2022
2991	Toluene	524.2	1	mg/L	0.0005	ND	1	9/12/2022 14:56		9/14/2022
2979	trans-1,2-Dichloroethene	524.2	0.1	mg/L	0.0005	ND	1	9/12/2022 14:56		9/14/2022
2224	trans-1,3-Dichloropropene	524.2	--	mg/L	0.0005	ND	1	9/12/2022 14:56		9/14/2022
2984	Trichloroethene	524.2	0.005	mg/L	0.0005	ND	1	9/12/2022 14:56		9/14/2022
2218	Trichlorofluoromethane	524.2	--	mg/L	0.0005	ND	1	9/12/2022 14:56		9/14/2022
2904	Trichlorotrifluoroethane	524.2	--	mg/L	0.0005	ND	1	9/12/2022 14:56		9/14/2022
2976	Vinyl Chloride	524.2	0.002	mg/L	0.0005	ND	1	9/12/2022 14:56		9/14/2022
2955	Xylenes (Total)	524.2	10	mg/L	0.0005	ND	1	9/12/2022 14:56		9/14/2022
Organic Analytes - Others										
2931	1,2-Dibromo-3-chloropropane	504.1	0.0002	mg/L	0.00001	ND	1	9/12/2022 14:56	9/15/2022	9/15/2022
2946	1,2-Dibromoethane	504.1	0.00005	mg/L	0.00001	ND	1	9/12/2022 14:56	9/15/2022	9/15/2022
2105	2,4-D	515.4	70	ug/L	0.1	ND	1	9/12/2022 14:56	9/20/2022	10/8/2022
2066	3-Hydroxycarbofuran	531.2	--	ug/L	1.0	ND	1	9/12/2022 14:56		9/23/2022
2051	Alachlor	525.2	2	ug/L	0.2	ND	1	9/12/2022 14:56	9/21/2022	10/10/2022
2047	Aldicarb	531.2	7	ug/L	1.0	ND	1	9/12/2022 14:56		9/23/2022
2044	Aldicarb sulfone	531.2	7	ug/L	1.0	ND	1	9/12/2022 14:56		9/23/2022
2043	Aldicarb sulfoxide	531.2	7	ug/L	1.0	ND	1	9/12/2022 14:56		9/23/2022
2356	Aldrin	505	--	mg/L	0.00007	ND	1	9/12/2022 14:56	9/16/2022	9/16/2022
2050	Atrazine	525.2	3	ug/L	0.1	ND	1	9/12/2022 14:56	9/21/2022	10/10/2022
2625	Bentazon	515.4	--	ug/L	1	ND	1	9/12/2022 14:56	9/20/2022	10/8/2022
2306	Benzo(A)pyrene	525.2	0.2	ug/L	0.02	ND	1	9/12/2022 14:56	9/21/2022	10/10/2022

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## ANALYTICAL REPORTS

SAMPLE CODE: 435074

10/12/2022

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
2076	Butachlor	525.2	--	ug/L	0.2	ND	1	9/12/2022 14:56	9/21/2022	10/10/2022
2021	Carbaryl	531.2	--	ug/L	1.0	ND	1	9/12/2022 14:56		9/23/2022
2046	Carbofuran	531.2	40	ug/L	1.0	ND	1	9/12/2022 14:56		9/23/2022
2959	Chlordane	505	0.002	mg/L	0.0001	ND	1	9/12/2022 14:56	9/16/2022	9/16/2022
2031	Dalapon	515.4	200	ug/L	1	ND	1	9/12/2022 14:56	9/20/2022	10/8/2022
2035	Di(2-ethylhexyl) adipate	525.2	400	ug/L	0.2	ND	1	9/12/2022 14:56	9/21/2022	10/10/2022
2039	Di(2-ethylhexyl) phthalate	525.2	6	ug/L	0.6	ND	1	9/12/2022 14:56	9/21/2022	10/10/2022
2440	Dicamba	515.4	--	ug/L	1	ND	1	9/12/2022 14:56	9/20/2022	10/8/2022
2933	Dichloran	505	--	mg/L	0.001	ND	1	9/12/2022 14:56	9/16/2022	9/16/2022
2070	Dieldrin	505	--	mg/L	0.00002	ND	1	9/12/2022 14:56	9/16/2022	9/16/2022
2041	Dinoseb	515.4	7	ug/L	0.2	ND	1	9/12/2022 14:56	9/20/2022	10/8/2022
2032	Diquat	549.2	20	ug/L	0.4	ND	1	9/12/2022 14:56	9/16/2022	10/5/2022
2033	Endothall	548.1	100	ug/L	9	ND	1	9/12/2022 14:56	9/19/2022	9/27/2022
2005	Endrin	505	0.002	mg/L	0.00001	ND	1	9/12/2022 14:56	9/16/2022	9/16/2022
2034	Glyphosate	547	700	ug/L	6	ND	1	9/12/2022 14:56		9/20/2022
2065	Heptachlor	505	0.0004	mg/L	0.00001	ND	1	9/12/2022 14:56	9/16/2022	9/16/2022
2067	Heptachlor Epoxide	505	0.0002	mg/L	0.00001	ND	1	9/12/2022 14:56	9/16/2022	9/16/2022
2274	Hexachlorobenzene	505	0.001	mg/L	0.0001	ND	1	9/12/2022 14:56	9/16/2022	9/16/2022
2042	Hexachlorocyclopentadiene	505	0.05	mg/L	0.0001	ND	1	9/12/2022 14:56	9/16/2022	9/16/2022
2010	Lindane	505	0.0002	mg/L	0.00002	ND	1	9/12/2022 14:56	9/16/2022	9/16/2022
2022	Methomyl	531.2	--	ug/L	1.0	ND	1	9/12/2022 14:56		9/23/2022
2015	Methoxychlor	505	0.04	mg/L	0.0001	ND	1	9/12/2022 14:56	9/16/2022	9/16/2022
2045	Metolachlor	525.2	--	ug/L	0.2	ND	1	9/12/2022 14:56	9/21/2022	10/10/2022
2595	Metribuzin	525.2	--	ug/L	0.2	ND	1	9/12/2022 14:56	9/21/2022	10/10/2022
2626	Molinate	525.2	--	ug/L	0.2	ND	1	9/12/2022 14:56	9/21/2022	10/10/2022
2036	Oxamyl	531.2	200	ug/L	1.0	ND	1	9/12/2022 14:56		9/23/2022
2934	Pentachloronitrobenzene	505	--	mg/L	0.0001	ND	1	9/12/2022 14:56	9/16/2022	9/16/2022
2326	Pentachlorophenol	515.4	1	ug/L	0.04	ND	1	9/12/2022 14:56	9/20/2022	10/8/2022
2040	Picloram	515.4	500	ug/L	0.1	ND	1	9/12/2022 14:56	9/20/2022	10/8/2022
2077	Propachlor	525.2	--	ug/L	0.2	ND	1	9/12/2022 14:56	9/21/2022	10/10/2022
2110	Silvex 2,4,5-TP	515.4	50	ug/L	0.2	ND	1	9/12/2022 14:56	9/20/2022	10/8/2022
2037	Simazine	525.2	4	ug/L	0.07	ND	1	9/12/2022 14:56	9/21/2022	10/10/2022
2627	Thiobencarb	525.2	--	ug/L	0.2	ND	1	9/12/2022 14:56	9/21/2022	10/10/2022
2383	Total PCBs	505	0.0005	mg/L	0.0005	ND	1	9/12/2022 14:56	9/16/2022	9/16/2022
2910	Total Phenols	420.4	--	mg/L	0.001	ND	R2 1	9/12/2022 14:56		9/13/2022
2020	Toxaphene	505	0.003	mg/L	0.001	ND	1	9/12/2022 14:56	9/16/2022	9/16/2022
2055	Trifluralin	505	--	mg/L	0.001	ND	1	9/12/2022 14:56	9/16/2022	9/16/2022

Qualifiers:

R2: The laboratory is not licensed for this parameter. The reported result cannot be used for compliance purposes.

Q: Sample analyzed beyond the accepted holding time.

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# National Testing Laboratories, Ltd

556 South Mansfield, Ypsilanti, MI, 48197-5166  
(440) 449-2525, Fax: (440) 449-8585

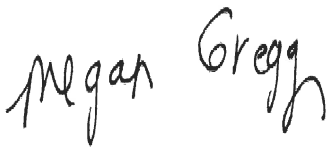
## ANALYTICAL REPORTS

SAMPLE CODE: 435074

10/12/2022

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
----------	-------------	--------	----------	-------	-----	-------------------	----	----------------------	-----------------	-----------------------

Analyst	Tests
ZSC	200.7,2330B,2340B
DMJ	200.8
SP	2320B,2120B,5540C,2150B,150.1,2510B,2130B
CF	2540C
SG	300.1,300.0
DHG	4500CI-G,4500CI02D,420.4
SB	524.2 THMs,524.2,531.2,549.2,547
RV	552.2 HAAs,504.1,515.4,505
JLF	525.2,548.1



Megan Gregg, Quality System Manager

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**National Testing Laboratories, Ltd**556 South Mansfield, Ypsilanti, MI, 48197-5166  
(440) 449-2525, Fax: (440) 449-8585**ANALYTICAL REPORTS****SAMPLE CODE: 435073****9/20/2022**

**Source:** Finished Distilled Product  
**Source Type:** Spring Water  
**Brand Name:** Distilled Water  
**Production Code:** 22825  
**Container Size:** 5 Gallon

**Date/Time Received:** 8/19/2022 09:40**Collected by:** T. Gilliam

The results herein conform to TNI and ISO/IEC 17025:2017 standards, where applicable. These results may be used for compliance purposes, as required, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

**Legend:**

Any 'Level Detected' marked with an asterisk (\*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

**"ND"** This contaminant was not detected at or above our lower reporting limit (LRL)

**"NA"** Not Analyzed

**"Standard"** This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA Secondary Standards.

**"LRL"** This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.

**"DF"** This column indicates the contaminant dilution factor.

**Report Notes:**

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
<b>Microbiologicals</b>										
3114	E. Coli	9223B	1	MPN/100 mL	1	ND	1	9/12/2022 14:56		9/12/2022 17:30
3001	Standard Plate Count	9215B	500	CFU/ml	1	<1	1	9/12/2022 14:56		9/12/2022 17:05
Pour Plate Method, 35°C/48hr, Plate Count Agar										
3000	Total Coliform	9223B	1	MPN/100 mL	1	ND	1	9/12/2022 14:56		9/12/2022 17:30

Analyst	Tests
GK	9223B, 9215B



Sarah Buchanan, Project Manager

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**National Testing Laboratories, Ltd**556 South Mansfield, Ypsilanti, MI, 48197-5166  
(440) 449-2525, Fax: (440) 449-8585**ANALYTICAL REPORTS****SAMPLE CODE: 435075****9/22/2022**

**Source:** Finished Distilled Product  
**Source Type:** Spring Water  
**Brand Name:** Distilled Water  
**Production Code:** 22825  
**Container Size:** 5 Gallon

**Date/Time Received:** 8/19/2022 09:40**Collected by:** T. Gilliam

The results herein conform to TNI and ISO/IEC 17025:2017 standards, where applicable. These results may be used for compliance purposes, as required, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

**Legend:**

Any 'Level Detected' marked with an asterisk (\*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

**"ND"** This contaminant was not detected at or above our lower reporting limit (LRL)**"NA"** Not Analyzed**"Standard"** This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA Secondary Standards.**"LRL"** This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.**"DF"** This column indicates the contaminant dilution factor.**Report Notes:**

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
<b>Microbiologicals</b>										
3100	Total Coliform by P/A	9223B	--	P/A	--	--	1	9/12/2022 14:56		9/12/2022 17:17
Total Coliform and E.coli were ABSENT in this sample.										
<b>USP XXIII</b>										
1003	Ammonia (as NH3)	USP XXIII	--	Pass/Fail		Pass	R2 1	9/12/2022 14:56		9/15/2022
1016	Calcium	USP XXIII	--	Pass/Fail		Pass	R2 1	9/12/2022 14:56		9/15/2022
1901	Carbon Dioxide (Free CO2)	USP XXIII	--	Pass/Fail		Pass	R2 1	9/12/2022 14:56		9/16/2022
1017	Chloride	USP XXIII	--	Pass/Fail		Pass	R2 1	9/12/2022 14:56		9/16/2022
	Heavy Metals (USP)	USP XXIII	--	Pass/Fail		Pass	R2 1	9/12/2022 14:56		9/16/2022
	Oxidizables (USP)	USP XXIII	--	Pass/Fail		Pass	R2 1	9/12/2022 14:56		9/16/2022
1925	pH	USP XXIII	--	pH Units		5.3	R2 1	9/12/2022 14:56		9/12/2022 17:05
1055	Sulfate	USP XXIII	--	Pass/Fail		Pass	R2 1	9/12/2022 14:56		9/15/2022
	Total Solids	USP XXIII	10	mg/L	10	ND	R2 1	9/12/2022 14:56		9/15/2022

**Qualifiers:**

R2: The laboratory is not licensed for this parameter. The reported result cannot be used for compliance purposes.

# National Testing Laboratories, Ltd

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(440) 449-2525, Fax: (440) 449-8585

## ANALYTICAL REPORTS

SAMPLE CODE: 435075

9/22/2022

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
----------	-------------	--------	----------	-------	-----	-------------------	----	----------------------	-----------------	-----------------------

*Sarah Buchanan*

Analyst	Tests
GK	9223B
JT	USP XXIII
SP	USP XXIII
CF	USP XXIII

Sarah Buchanan, Project Manager

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### 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 Joanne Richardson, your Pace Project Manager.

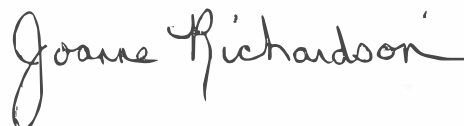
**Pace Project Number:**  
10625819

**Report Prepared Date:**  
September 26, 2022

### Finished Product

Sample ID: 435074  
Source Name: Finished Distilled Product  
PWS ID: N/A  
Date & Time Opened: N/ A  
Opened By:  
Laboratory Sample ID: 10625819001  
Date Sampled: 09/12/2022 @ 14:56 Date  
Received: 09/16/2022 @ 09:30

### This report has been reviewed by:



September 26, 2022  
Joanne Richardson,  
(612) 607-6453  
(612) 607-6444 (fax)



### Report of Laboratory Analysis

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





Pace Analytical Services, LLC  
1700 Elm Street - Suite 200  
Minneapolis, MN 55414

Tel: 612-607-1700  
Fax: 612-607-6444

## Minnesota Laboratory Certifications

Authority	Certificate #	Authority	Certificate #
A2LA	2926.01	Mississippi	MN00064
Alabama	40770	Missouri	10100
Alaska-DW	MN00064	Montana	CERT0092
Alaska-UST	17-009	Nebraska	NE-OS-18-06
Arizona	AZ0014	Nevada	MN00064
Arkansas - WW	88-0680	New Hampshire	2081
Arkansas-DW	MN00064	New Jersey	MN002
California	2929	New York	11647
Colorado	MN00064	North Carolina-	27700
Connecticut	PH-0256	North Carolina-	530
Florida	E87605	North Dakota	R-036
Georgia	959	Ohio-DW	41244
Hawaii	MN00064	Ohio-VAP (170	CL101
Idaho	MN00064	Ohio-VAP (180	CL110
Illinois	200011	Oklahoma	9507
Indiana	C-MN-01	Oregon- rimary	MN300001
Iowa	368	Oregon-Second	MN200001
Kansas	E-10167	Pennsylvania	68-00563
Kentucky-DW	90062	Puerto Rico	MN00064
Kentucky-WW	90062	South Carolina	74003
Louisiana-DEQ	AI-84596	Tennessee	TN02818
Louisiana-DW	MN00064	Texas	T104704192
Maine	MN00064	Utah	MN00064
Maryland	322	Vermont	VT-027053137
Michigan	9909	Virginia	460163
Minnesota	027-053-137	Washington	C486
Minnesota-Ag	via MN 027-053	West Virginia-D	382
Minnesota-Petr	1240	West Virginia-D	9952C
		Wisconsin	999407970
		Wyoming-UST	via A2LA 2926.

## REPORT OF LABORATORY ANALYSIS

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**Pace Analytical Services, LLC**  
1700 Elm Street, Suite 200  
Minneapolis, MN 55414  
Phone: 612.607.1700  
Fax: 612.607.6444  
www.pacelabs.com

## Reporting Flags

- A = Reporting Limit based on signal to noise (EDL)
- 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 = Isotope ratio out of specification
- J = Estimated value
- L = Suppressive interference, analyte may be biased low
- 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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**WO#: 10625819**

Page 1 of 11

**Other**

Initiated by: ☐ Client ☒ 

[illegible]

**See instructions on reverse side →**



1-800-458-3330

## Beverage - Finished Product

Order Number: 2199666  
Order Date: 7/22/2022 435074  
Sample Number:  
Product: FDATABASE GDRX

Paid: No Method: Purchase P.O.:  
Order

TSR: SBW

Blue Ridge

GA 30513

If finished product is submitted in laboratory containers, complete the following information.

Date Opened: \_\_\_\_/\_\_\_\_/\_\_\_\_ Time Opened: \_\_\_\_:\_\_\_\_

Please Use Military Time, e.g. 3:00pm = 15:00

Check Time Zone: ☐ EST ☐ CST ☐ MST ☐ PST

PWS ID# (if applicable): \_\_\_\_\_

Source Type: ☒ Spring ☐ Well ☐ Municipal  
☐ Other: \_\_\_\_\_

Source Name: Finished Distilled Product  
(Source Information is REQUIRED for All Finished Products)

City & State: \_\_\_\_\_  
(If Different than Above)

Product Collected By: Trish Gulliam  
(Signature)

Product Collected By: Trish Gulliam  
(Please Print)

Brand Name/Product Type: Distilled Water  
e.g. XYZ Spring Water or XYZ Distilled Water

Container Size: 5 gallon

Production Code/Lot Number: 22825

Form Completed By: Trish Gulliam

Additional Comments: \_\_\_\_\_

### For Laboratory Use ONLY

Lab Accounting Information:

Payment \$: \_\_\_\_\_

Check #: \_\_\_\_\_

Lab Comments/Special Instructions:

2022 Distilled Product

State Forms:

GA

Lab Sample Information:

Date Received: 08/19/22

Time Received: 09:40

Received By: JM

Date Opened: 9/12/22

Time Opened: 14:56

Opened By: an R KW

☒ Sample receipt criteria checked & acceptable.

☐ Deviations from acceptable sample receipt criteria noted on PSA form.

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

Penn. PWS ID#: \_\_\_\_\_

Location: \_\_\_\_\_

Effective Date:

Sample Condition  
Upon Receipt

Client Name:

National Testing Lab

Project #:

WO#: 10625819

PM: JMR

Due Date: 09/27/22

CLIENT: NTL

Courier: ☐ FedEx ☒ UPS ☐ USPS ☐ Client  
☐ Pace ☐ Speedee ☐ CommercialTracking Number: ☒ See Exceptions  
ENV-FRM-MIN4-0142Custody Seal on Cooler/Box Present? ☐ Yes ☐ No Seals Intact? ☐ Yes ☐ NoBiological Tissue Frozen? ☐ Yes ☐ No ☒ N/APacking Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☐ OtherTemp Blank? ☒ Yes ☐ NoThermometer: ☐ T1 (0461) ☐ T2 (1336) ☐ T3 (0459) ☐ T4 (0254) ☐ T5 (0178)  
☐ T6 (0235) ☐ T7 (0042) ☒ T8 (0775) ☐ 01339252/1710Type of Ice: ☒ Wet ☐ Blue ☐ Dry ☐ None  
☐ MeltedDid Samples Originate in West Virginia? ☐ Yes ☒ NoWere All Container Temps Taken? ☐ Yes ☐ No ☒ N/A

Temp should be above freezing to 6 °C

Cooler temp Read w/Temp Blank: \_\_\_\_\_ °C

Average Corrected Temp  
(no temp blank only): \_\_\_\_\_ °CCorrection Factor: True

Cooler Temp Corrected w/temp blank: \_\_\_\_\_ °C

☒ See Exceptions ENV-FRM-MIN4-0142 ☐ 1 ContainerUSDA Regulated Soil: ☒ N/A, water sample/other: \_\_\_\_\_Date/Initials of Person Examining Contents: ES 9/16/22Did samples originate in a quarantine zone within the United States: AL, AR, AZ CA, FL,  
GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check maps)? ☐ Yes ☐ NoDid samples originate from a foreign source (internationally,  
including Hawaii and Puerto Rico)? ☐ Yes ☐ No

If Yes to either question, fill out a Regulated Soil Checklist (ENV-FRM-MIN4-0154) and include with SCUR/COC paperwork.

Location (Check one): <input type="checkbox"/> Duluth <input checked="" type="checkbox"/> Minneapolis <input type="checkbox"/> Virginia	COMMENTS
Chain of Custody Present and Filled Out? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Relinquished? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Sampler Name and/or Signature on COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Samples Arrived within Hold Time? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	4. If fecal: <input type="checkbox"/> <8 hrs <input type="checkbox"/> >8 hr, <24 <input type="checkbox"/> No
Short Hold Time Analysis (<72 hr)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. <input type="checkbox"/> Fecal Coliform <input type="checkbox"/> HPC <input type="checkbox"/> Total Coliform/E.coli <input type="checkbox"/> BOD/cBOD <input type="checkbox"/> Hex Chrom <input type="checkbox"/> Turbidity <input type="checkbox"/> Nitrate <input type="checkbox"/> Nitrite <input type="checkbox"/> Orthophos <input type="checkbox"/> Other
Rush Turn Around Time Requested? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Sufficient Sample Volume? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	7.
Correct Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
-Pace Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Containers Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10. Is sediment visible in the dissolved container? <input type="checkbox"/> Yes <input type="checkbox"/> No
Field Filtered Volume Received for Dissolved Tests? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11. If no, write ID/Date/Time of container below: <input type="checkbox"/> See Exceptions ENV-FRM-MIN4-0142
Is sufficient information available to reconcile the samples to the COC? Matrix: <input checked="" type="checkbox"/> Water <input type="checkbox"/> Soil <input type="checkbox"/> Oil <input type="checkbox"/> Other	12. Sample # <input type="checkbox"/> NaOH <input type="checkbox"/> HNO3 <input type="checkbox"/> H2SO4 <input type="checkbox"/> Zinc Acetate
All containers needing acid/base preservation have been checked? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Positive for Residual Chlorine? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> See Exceptions ENV-FRM-MIN4-0142
All containers needing preservation are found to be in compliance with EPA recommendation (HNO3, H2SO4, <2pH, NaOH >9 Sulfide, NaOH >10 Cyanide) Exceptions: VOA, Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxins/PFAS (*If adding preservative to a container, it must be added to associated field and equipment blanks—verify with PM first.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	pH Paper Lot # Residual Chlorine 0-6 Roll 0-6 Strip 0-14 Strip
Headspace in Methyl Mercury Container? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
Extra labels present on soil VOA or WIDRO containers? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14. <input type="checkbox"/> See Exceptions ENV-FRM-MIN4-0142
Headspace in VOA Vials (greater than 6mm)? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
3 Trip Blanks Present? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Pace Trip Blank Lot # (if purchased): _____
Trip Blank Custody Seals Present? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

## CLIENT NOTIFICATION/RESOLUTION

Person Contacted: \_\_\_\_\_

Date/Time: \_\_\_\_\_

Field Data Required? ☐ Yes ☐ No

Comments/Resolution: \_\_\_\_\_

Project Manager Review: Joanne Richardson

Date: 9-19-22

NOTE: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e., out of hold, incorrect preservative, out of temp, incorrect containers).

Labeled By: KBLine: 1



DC# Title: ENV-FRM-MIN4-0142 v01 Sample Condition Upon Receipt  
(SCUR) Exception Form

Effective Date: 02/25/2022

SCUR Exceptions:

Workorder #: 10625819

Out of Temp Sample IDs	Container Type	# of Containers	PM Notified? <input type="checkbox"/> Yes <input type="checkbox"/> No															
			If yes, indicate who was contacted/date/time. If no, indicate reason why.															
			Multiple Cooler Project? <input type="checkbox"/> Yes <input type="checkbox"/> No If you answered yes, fill out information to the left:															
			<table border="1"><thead><tr><th colspan="3">No Temp Blank</th></tr><tr><th>Read Temp</th><th>Corrected Temp</th><th>Average Temp</th></tr></thead><tbody><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></tbody></table>	No Temp Blank			Read Temp	Corrected Temp	Average Temp									
No Temp Blank																		
Read Temp	Corrected Temp	Average Temp																

Sample ID	Type of Preserve	pH Upon Receipt	Date Adjusted	Time Adjusted	Amount Added (mL)	Lot # Added	pH After	In Compliance after addition? <input type="checkbox"/> Yes <input type="checkbox"/> No	Initials
								<input type="checkbox"/> Yes <input type="checkbox"/> No	
								<input type="checkbox"/> Yes <input type="checkbox"/> No	
								<input type="checkbox"/> Yes <input type="checkbox"/> No	
								<input type="checkbox"/> Yes <input type="checkbox"/> No	

Comments:

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Qualtrax ID: 52763

Page 1 of 1





Pace Analytical Services, LLC.  
1700 Elm Street  
Minneapolis, MN 55414

# Drinking Water Analysis Results 2,3,7,8-TCDD -- USEPA Method 1613B

Tel 612-607-1700  
Fax 612-607-6444

Sample ID.....435074 Date Collected.....09/12/2022 Spike.....200 pg  
Client..... National Testing Laboratory Date Received.....09/16/2022 IS Spike.....2000 pg  
Lab Sample ID..... 10625819001 Date Extracted.....09/20/2022 CS Spike.....200 pg

	Sample 435074	Method Blank	Lab Spike	Lab Spike Dup
[2,3,7,8-TCDD]	ND	ND	--	--
LOQ	5.0 pg/L	5.0 pg/L	--	--
2,3,7,8-TCDD Recovery	--	--	107%	119%
pg Recovered	--	--	214pg/L	237pg/L
Spike Recovery Limit	--	--	73-146%	73-146%
RPD			10.2%	
IS Recovery	74%	85%	77%	91%
pg Recovered	1472 pg/L	1690 pg/L	1536 pg/L	1829 pg/L
IS Recovery Limits	31-137%	31-137%	25-141%	25-141%
CS Recovery	87%	122%	108%	118%
pg Recovered	173 pg/L	245 pg/L	217 pg/L	236 pg/L
CS Recovery Limits	42-164%	42-164%	37-158%	37-158%
Filename	E220922C_14	E220922C_05	E220922C_03	E220922C_04
Analysis Date	09/23/2022	09/22/2022	09/22/2022	09/22/2022
Analysis Time	01:45	20:59	19:56	20:28
Analyst	SM	SM	SM	SM
Volume	1.040L	0.996L	0.985L	0.992L
Dilution	NA	NA	NA	NA
ICAL Date	11/30/2021	11/30/2021	11/30/2021	11/30/2021
CCAL Filename	E220922C_02	E220922C_02	E220922C_02	E220922C_02

! = Outside the Control Limits  
ND = Not Detected  
LOQ = Limit of Quantitation  
Limits = Control Limits from Method 1613 (10/94 Revision), Tables 6A and 7A  
RPD = Relative Percent Difference of Lab Spike Recoveries  
IS = Internal Standard [2,3,7,8-TCDD-<sup>13</sup>C<sub>12</sub>]  
CS = Cleanup Standard [2,3,7,8-TCDD-<sup>37</sup>Cl<sub>4</sub>]

Analyst:

Project No.....10625819

## ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 435074  
Pace Project No.: 30522238

**Sample: 435074**      **Lab ID: 30522238001**      Collected: 09/12/22 14:56      Received: 09/15/22 10:20      Matrix: Drinking Water  
**PWS:**      **Site ID:**      **Sample Type:**

**Comments:**

- Sample collection dates and times were not present on the sample containers.
- Upon receipt at the laboratory, 2.5 mls of nitric acid were added to the sample to meet the sample preservation requirement of pH <2 for radiochemistry analysis. The samples were preserved <2 within the required 5 days of collection.

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
Pace Analytical Services - Greensburg						
Radon	SM 7500RnB-07	<b>17.2 ± 36.5 (62.4)</b> <b>C:NA T:NA</b>	pCi/L	09/16/22 16:09	10043-92-2	
Pace Analytical Services - Greensburg						
Gross Alpha	EPA 900.0	<b>0.387 ± 0.667 (1.51)</b> <b>C:NA T:NA</b>	pCi/L	09/29/22 08:35	12587-46-1	
Gross Beta	EPA 900.0	<b>-0.357 ± 0.652 (1.75)</b> <b>C:NA T:NA</b>	pCi/L	09/29/22 08:35	12587-47-2	
Pace Analytical Services - Greensburg						
Radium-226	EPA 903.1	<b>0.0618 ± 0.210 (0.455)</b> <b>C:NA T:100%</b>	pCi/L	09/24/22 15:59	13982-63-3	
Pace Analytical Services - Greensburg						
Radium-228	EPA 904.0	<b>0.510 ± 0.341 (0.682)</b> <b>C:77% T:94%</b>	pCi/L	09/29/22 11:44	15262-20-1	
Pace Analytical Services - Greensburg						
Total Radium	Total Radium Calculation	<b>0.572 ± 0.551 (1.14)</b>	pCi/L	09/30/22 14:51	7440-14-4	

## REPORT OF LABORATORY ANALYSIS

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



# EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077  
 Phone/Fax: (800) 220-3675 / (856) 786-5974  
<http://www.EMSL.com> / [cinnasblab@EMSL.com](mailto:cinnasblab@EMSL.com)

EMSL Order ID: 042222925  
 Customer ID: NTLI78  
 Customer PO: 14630  
 Project ID:

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

Phone: (440) 449-2525  
 Fax: (Ema) il -only  
 Received: 09/14/2022  
 Analyzed: 09/26/2022

Proj: 435074

## 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 (mm²)	Area Analyzed (mm²)	ASBESTOS				
					Asbestos Types	Fibers Detected	Analytical Sensitivity	Concentration	Confidence Limits
					MFL (million fibers per liter)				
435074	9/14/2022	100	1351	0.0774	None Detected	ND	0.17	<0.17	0.00 - 0.64
042222925-0001	01:25 PM								

Collection Date/Time: 09/12/2022 14:56 PM

Bottle supplied by client.

Analyst(s)

Seri Smith (1)

*Samantha Rundstrom*

Samantha Rundstrom, Laboratory Manager  
 or Other Approved Signatory

Any questions please contact Samantha Rundstrom-Cruz.

Initial report from: 09/26/2022 07:22:22

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. Estimation of uncertainty is available on request. Sample collection performed by the client. Pre-cleaned sample containers are available for purchase from EMSL. Note if sample containers are provided by the client, acceptable bottle blank level is defined as ≤0.01MFL for ≥10µm fibers. ND=None Detected. No Fibers Detected: the value will be reported as less than 369% of the concentration equivalent to one fiber. 1 to 4 fibers: The result will be reported as less than the corresponding upper 95% confidence limit (Poisson). 5 to 30 fibers: Mean and 95% confidence intervals will be reported on the basis of the Poisson assumption. When more than 30 fibers are counted, both the Gaussian 95% confidence interval and the Poisson 95% confidence interval will be calculated. The larger of these two intervals will be selected for data reporting. When the Gaussian 95% confidence interval is selected for data reporting, the Poisson will also be noted.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NELAC NYS ELAP 10872, NJ DEP 03036, FL DOH E87975, PA ID# 68-00367





## Client Sample Results

Client: National Testing Laboratories, Ltd  
Project/Site: National Testing Labs

Job ID: 810-37703-1

**Client Sample ID: 435074/2199666**

Date Collected: 09/12/22 14:56

Date Received: 09/16/22 09:30

**Lab Sample ID: 810-37703-1**

Matrix: Bottled Water

### Method: 331.0 - Perchlorate (LC/MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	<0.050		0.050		ug/L			09/22/22 06:04	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.020		0.020		mg/L		09/19/22 09:23	09/19/22 15:28	1

5



GEORGIA DEPARTMENT OF AGRICULTURE  
FOOD SAFETY DIVISION  
19 Martin Luther King Jr. Dr. SW, Room 306  
Atlanta, GA 30334

## BOTTLED WATER CERTIFICATION - LAB ANALYSIS REPORT (START-UP AND ANNUAL TESTING)

FIRM NAME				DATE OF ANALYSES	
				10/12/2022	
STREET ADDRESS				SOURCE (BY NAME OR NUMBER)	
				435074	
CITY	STATE	ZIP CODE	PHONE	SAMPLES: <b>SOURCE OR FINISHED PRODUCT</b>	
	GA			Finished Product	

### CHEMICAL QUALITY

21 CFR 165.110(b)(4)(i)(A)

Substance	MCL (mg/L)	Results	MDL	Substance	MCL (mg/L)	Results	MDL
Chloride <sup>1</sup>	250.0	ND	1.0	Phenols	0.001	ND	0.001
Iron <sup>1</sup>	0.3	ND	0.020	Total Dissolved Solids <sup>1</sup>	500.0	ND	5
Fluoride <sup>2</sup>		ND	0.10	Zinc <sup>1</sup>	5.0	ND	0.004
Manganese <sup>1</sup>	0.05	ND	0.004				

<sup>1</sup>Mineral water is exempt from allowable level. The exemptions are aesthetically based allowable levels and do not relate to a health concern.

<sup>2</sup>See Table 1 and Table 2 (21 CFR 165.110(b)(4)(ii)) for the appropriate MCL on Fluoride.

### INORGANIC SUBSTANCES

21 CFR 165.110(b)(4)(iii)(A)

Contaminant	MCL (mg/L)	Results	MDL	Contaminant	MCL (mg/L)	Results	MDL
Arsenic	0.010	ND	0.002	Lead	0.005	ND	0.001
Antimony	.006	ND	0.003	Mercury	0.002	ND	0.0002
Barium	2	ND	0.10	Nickel	0.1	ND	0.005
Beryllium	0.004	ND	0.001	Nitrate (as Nitrogen)	10	ND	0.05
Cadmium	0.005	ND	0.001	Nitrite (as Nitrogen)	1	ND	0.05
Chromium	0.1	ND	0.007	Total Nitrate & Nitrite (as Nitrogen)	10	ND	0.05
Copper	1.0	0.002	0.002	Selenium	0.05	ND	0.002
Cyanide	0.2	ND	0.02	Thallium	0.002	ND	0.001

### VOLATILE ORGANIC CHEMICALS (VOC's)

21 CFR 165.110(b)(4)(iii)(B)

Contaminant	MCL (mg/L)	Results	MDL	Contaminant	MCL (mg/L)	Results	MDL
Benzene (71-43-2)	0.005	ND	0.0005	Monochlorobenzene (108-90-7)	0.1	ND	0.0005
Carbon tetrachloride (56-23-5)	0.005	ND	0.0005	Styrene (100-42-5)	0.1	ND	0.0005
o- Dichlorobenzene (95-50-1)	0.6	ND	0.0005	Tetrachloroethylene (127-18-4)	0.005	ND	0.0005
p- Dichlorobenzene (106-46-7)	0.075	ND	0.0005	Toluene (108-88-3)	1	ND	0.0005
1,2-Dichloroethane (107-06-2)	0.005	ND	0.0005	1,2,4-Trichlorobenzene (120-82-1)	0.07	ND	0.0005
1,1-Dichloroethylene (75-35-4)	0.007	ND	0.0005	1,1,1-Trichloroethane (71-55-6)	0.20	ND	0.0005
cis-1,2-Dichloroethylene (156-59-2)	0.07	ND	0.0005	1,1,2-Trichloroethane (79-00-5)	0.005	ND	0.0005

VOC's continued on page 2.

**VOLATILE ORGANIC CHEMICALS (VOC's)**

21 CFR 165.110(b)(4)(iii)(B)

Contaminant	MCL (mg/L)	Results	MDL	Contaminant	MCL (mg/L)	Results	MDL
<i>trans</i> -1,2-Dichloroethylene (156-60-5)	0.1	ND	0.0005	Trichloroethylene (79-01-6)	0.005	ND	0.0005
Dichloromethane (75-09-2)	0.005	ND	0.0005	Vinyl chloride (75-01-4)	0.002	ND	0.0005
1,2-Dichloropropane (78-87-5)	0.005	ND	0.0005	Xylenes (1330-20-7)	10	ND	0.0005
Ethylbenzene (100-41-4)	0.7	ND	0.0005				

**SYNTHETIC ORGANIC CHEMICALS (SOC's)**

21 CFR 165.110(b)(4)(iii)(C)

Contaminant (CAS Reg. No.)	MCL (mg/L)	Results	MDL	Contaminant (CAS Reg. No.)	MCL (mg/L)	Results	MDL
Alachlor (15972-60-8)	0.002	ND	0.0002	Glyphosate (1071-53-6)	0.7	ND	0.006
Atrazine (1912-24-9)	0.003	ND	0.0001	Heptachlor (76-44-8)	0.0004	ND	0.00001
Benzo(a)pyrene (50-32-8)	0.0002	ND	0.0001	Heptachlor epoxide (1024-57-3)	0.0002	ND	0.00001
Carbofuran (1563-66-2)	0.04	ND	0.001	Hexachlorobenzene (118-74-4)	0.001	ND	0.0001
Chlordane (57-74-9)	0.002	ND	0.0001	Hexachlorocyclopentadiene (77-47-4)	0.05	ND	0.0001
Dalapon (75-99-0)	0.2	ND	0.001	Lindane (58-89-9)	0.0002	ND	0.00002
1,2-Dibromo-3-chloropropane (96-12-8)	0.0002	ND	0.00001	Methoxychlor (72-43-5)	0.04	ND	0.0001
2,4-D (94-75-7)	0.07	ND	0.0001	Oxamyl (23135-22-0)	0.2	ND	0.001
Di(2-ethylhexyl)adipate (103-23-1)	0.4	ND	0.0002	Pentachlorophenol (87-86-5)	0.001	ND	0.00004
Di(2-ethylhexyl)phthalate (117-81-7)	0.006	ND	0.0006	PCB's (as decachlorobiphenyl) (1336-36-3)	0.0005	ND	0.0003
Dinoseb (88-85-7)	0.007	ND	0.0002	Picloram (1918-02-1)	0.5	ND	0.0001
Diquat (85-00-7)	0.02	ND	0.001	Simazine (122-34-9)	0.004	ND	0.0001
Endothall (145-73-3)	0.1	ND	0.009	2,3,7,8-TCDD (Dioxin) (1746-01-6)	3*10 <sup>-8</sup>	ND	5
Endrin (72-20-8)	0.002	ND	0.00001	Toxaphene (8001-35-2)	0.003	ND	0.001
Ethylene dibromide (106-93-4)	0.00005	ND	0.00001	2,4,5-TP (Silvex) (93-72-1)	0.05	ND	0.0002

**EPA SECONDARY MAXIMUM CONTAMINANT LEVELS (40 CFR part 143)**

21 CFR 165.110(b)(4)(iii)(D)

Contaminant	MCL (mg/L)	Results	MDL	Contaminant	MCL (mg/L)	Results	MDL
Aluminum	0.2	ND	0.05	Sulfate <sup>1</sup>	250.0	ND	5.0
Silver	0.1	ND	0.002				

<sup>1</sup>Mineral water is exempt from allowable level. The exemptions are aesthetically based allowable levels and do not relate to a health concern.**RESIDUAL DISINFECTANTS & DISINFECTION BYPRODUCTS**

21 CFR 165.110(b)(4)(iii)(H)

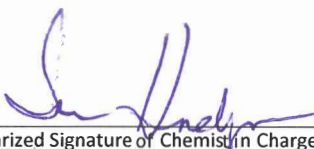
Substance	MCL (mg/L)	Results	MDL	Substance	MCL (mg/L)	Results	MDL
<b>DISINFECTION BYPRODUCTS</b>				<b>RESIDUAL DISINFECTANTS</b>			
Bromate	0.010	ND	0.005	Chloramine (as Cl <sub>2</sub> )	4.0	ND	0.05
Chlorite	1.0	ND	0.005	Chlorine (as Cl <sub>2</sub> )	4.0	ND	0.05
Haloacetic acids (five) (HAA5)	0.060	ND	0.001	Chlorine dioxide (as ClO <sub>2</sub> )	0.8	ND	0.1
Total Trihalomethanes (TTHM)	0.080	ND	0.0005				

<b>RADIOLOGICAL</b> 21 CFR 165.110(b)(5)(i)							
Substance	MCL (pCi/L)	Results	MDL	Substance	MCL	Results	MDL
Radium-226	5	0.0618+-0.210	0.455	Beta Particle Activity <sup>3</sup> (in millirems/year)		-0.357+-0.652	1.75
Radium-228	5	0.510+-0.341	0.682	Uranium (in µg/L)	30	ND	1.0
Combined Radium-226/-228 <sup>1</sup>	5	0.572+-0.551	1.14				
Gross Alpha Particle <sup>2</sup>	15	0.387+-0.667	1.51				

<sup>1</sup>The bottled water shall not contain a combined radium-226 and radium-228 activity in excess of 5 picocuries per liter of water.

<sup>2</sup>The bottled water shall not contain a gross alpha particle activity (including radium-226, but excluding radon and uranium) in excess of 15 picocuries per liter of water.

<sup>3</sup>The bottled water shall not contain beta particle and photon radioactivity from manmade radionuclides in excess of that which would produce an annual dose equivalent to the total body or any internal organ of 4 millirems per year calculated on the basis of an intake of 2 liters of the water per day. If two or more beta or photon-emitting radionuclides are present, the sum of their annual dose equivalent to the total body or to any internal organ shall not exceed 4 millirems per year.

  
 Notarized Signature of Chemist in Charge or Project Manager

10/12/2022  
 Date

National Testing Labs  
 Laboratory

Supporting Documents?

If "Yes" notary is not required

☒ YES ☐ NO