National Testing Laboratories, Ltd.
Quality Water Analysis

Corporate Headquarters
6571 Wilson Mills Road
Cleveland, Ohio 44143

Phone: 800-458-3330

This report package contains 53 pages.

This package contains reports from the following laboratories:

- National Testing Laboratories, Ltd. (7 pages)
- Pace Analytical Services, Inc.- Minneapolis, MN (6 pages)
- Pace Analytical Services, Inc.- Greensburg, PA (17 pages)
- EMSL Analytical, Inc. (1 page)
- Eurofins Eaton Analytical, Inc. (8 pages)
- con-test – East Longmeadow, MA (Pace Analytical) (13 pages)

NELAP accredited #E87753

Laboratory ID: MI00044

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

ANALYTICAL REPORTS

SAMPLE CODE: 472487

1/7/2025

Customer: Summit Spring Water Inc
N. Bryan Pullen
PO Box 480
Harrison, ME 04040

Source: S/A/A

Date/Time Received: 11/21/2024 10:18

Collected by: N.B. Pullen

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.

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
				Inorganic Analytes - Metals						
1002	Aluminum	200.7	0.2	mg/L	0.05	ND	1	11/20/2024 14:15		12/22/2024
1074	Antimony	200.8	0.006	mg/L	0.003	ND	1	11/20/2024 14:15		11/23/2024
1005	Arsenic	200.8	0.010	mg/L	0.002	ND	1	11/20/2024 14:15		11/23/2024
1010	Barium	200.7	2	mg/L	0.10	ND	1	11/20/2024 14:15		12/22/2024
1075	Beryllium	200.7	0.004	mg/L	0.001	ND	1	11/20/2024 14:15		12/22/2024
1079	Boron	200.7	--	mg/L	0.10	ND	1	11/20/2024 14:15		12/22/2024
1015	Cadmium	200.7	0.005	mg/L	0.001	ND	1	11/20/2024 14:15		12/22/2024
1016	Calcium	200.7	--	mg/L	2.0	8.3	1	11/20/2024 14:15		12/22/2024
1020	Chromium	200.7	0.100	mg/L	0.007	ND	1	11/20/2024 14:15		12/22/2024
1022	Copper	200.7	1.0	mg/L	0.002	ND	1	11/20/2024 14:15		12/22/2024
1028	Iron	200.7	0.3	mg/L	0.020	ND	1	11/20/2024 14:15		12/22/2024
1030	Lead	200.8	0.015	mg/L	0.001	ND	1	11/20/2024 14:15		11/23/2024
1031	Magnesium	200.7	--	mg/L	0.10	1.70	1	11/20/2024 14:15		12/22/2024
1032	Manganese	200.7	0.05	mg/L	0.004	ND	1	11/20/2024 14:15		12/22/2024
1035	Mercury	200.8	0.002	mg/L	0.0002	ND	1	11/20/2024 14:15		11/23/2024
1036	Nickel	200.7	--	mg/L	0.005	ND	1	11/20/2024 14:15		12/22/2024
1042	Potassium	200.7	--	mg/L	1.0	ND	1	11/20/2024 14:15		12/22/2024
1045	Selenium	200.8	0.05	mg/L	0.002	ND	1	11/20/2024 14:15		11/23/2024
1049	Silica	200.7	--	mg/L	0.05	20.00	1	11/20/2024 14:15		12/22/2024
1050	Silver	200.7	0.10	mg/L	0.002	ND	1	11/20/2024 14:15		12/22/2024

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Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected		DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
1052	Sodium	200.7	--	mg/L	1	12		1	11/20/2024 14:15		12/22/2024
1085	Thallium	200.8	0.002	mg/L	0.001	ND		1	11/20/2024 14:15		11/23/2024
4006	Uranium	200.8	0.030	mg/L	0.001	ND		1	11/20/2024 14:15		11/23/2024
1095	Zinc	200.7	5.000	mg/L	0.004	ND		1	11/20/2024 14:15		12/22/2024
					Physical Factors						
1927	Alkalinity (Total as CaCO3)	2320B	--	mg/L	20	24		1	11/20/2024 14:15		12/3/2024
1905	Apparent Color	2120B	15	CU	3	ND		1	11/20/2024 14:15		11/21/2024 15:30
1928	Bicarbonate (as CaCO3)	2320B	--	mg/L	20	24		1	11/20/2024 14:15		12/3/2024
1929	Carbonate (as CaCO3)	2320B	--	mg/L	20	ND		1	11/20/2024 14:15		12/3/2024
1910	Corrosivity	2330B	--	SI		-2.51	R2	1	11/20/2024 14:15		12/22/2024
2905	Foaming Agents	5540C	0.5	mg/L	0.1	ND		1	11/20/2024 14:15		11/21/2024 18:33
			MBAS, calculated as Linear Alkylate Sulfonate (LAS), mol wt of 342.4 g/mole								
1915	Hardness	2340B	--	mg/L	5.0	28		1	11/20/2024 14:15		12/22/2024
1021	Hydroxide (as CaCO3)	2320B	--	mg/L	20	ND		1	11/20/2024 14:15		12/3/2024
1920	Odor Temperature	2150B	--	Deg, C		12		1	11/20/2024 14:15		11/21/2024 14:10
1920	Odor Threshold	2150B	3	ton	1	ND		1	11/20/2024 14:15		11/21/2024 14:10
1925	pH	150.1	6.5-8.5	pH Units		6.6		1	11/20/2024 14:15		11/21/2024 15:51
4254	pH Temperature	150.1	--	Deg, C		19		1	11/20/2024 14:15		11/21/2024 15:51
1064	Specific Cond. @ 25 deg. C	2510B	--	umhos/cm	1	120		1	11/20/2024 14:15		12/4/2024
1930	Total Dissolved Solids	2540C	500	mg/L	5	91		1	11/20/2024 14:15		11/22/2024
0100	Turbidity	2130B	1	NTU	0.1	ND		1	11/20/2024 14:15		11/21/2024 17:35
					Inorganic Analytes - Other						
1004	Bromide	300.1	--	mg/L	0.005	0.011		1	11/20/2024 14:15		11/26/2024
1017	Chloride	300.0	250	mg/L	1.0	22.0		1	11/20/2024 14:15		11/21/2024 14:30
1025	Fluoride	300.0	4.0	mg/L	0.10	ND		1	11/20/2024 14:15		11/21/2024 14:30
1040	Nitrate as N	300.0	10	mg/L	0.05	0.39		1	11/20/2024 14:15		11/21/2024 14:30
1041	Nitrite as N	300.0	1	mg/L	0.05	ND		1	11/20/2024 14:15		11/21/2024 14:30
1044	Ortho Phosphate	300.0	--	mg/L	2.0	ND		1	11/20/2024 14:15		11/21/2024 14:30
1055	Sulfate	300.0	250	mg/L	5.0	ND		1	11/20/2024 14:15		11/21/2024 14:30
					Organic Analytes - Trihalomethanes						
2943	Bromodichloromethane	524.2 THMs	--	mg/L	0.0005	ND		1	11/20/2024 14:15		11/26/2024
2942	Bromoform	524.2 THMs	--	mg/L	0.0005	ND		1	11/20/2024 14:15		11/26/2024
2941	Chloroform	524.2 THMs	--	mg/L	0.0005	ND		1	11/20/2024 14:15		11/26/2024
2944	Dibromochloromethane	524.2 THMs	--	mg/L	0.0005	ND		1	11/20/2024 14:15		11/26/2024
2950	Total THMs	524.2 THMs	0.080	mg/L	0.0005	ND		1	11/20/2024 14:15		11/26/2024
					Organic Analytes - Volatiles						
2986	1,1,1,2-Tetrachloroethane	524.2	--	mg/L	0.0005	ND		1	11/20/2024 14:15		11/26/2024
2981	1,1,1-Trichloroethane	524.2	0.2	mg/L	0.0005	ND		1	11/20/2024 14:15		11/26/2024

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2988	1,1,2,2-Tetrachloroethane	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2985	1,1,2-Trichloroethane	524.2	0.005	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2978	1,1-Dichloroethane	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2977	1,1-Dichloroethene	524.2	0.007	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2410	1,1-Dichloropropene	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2420	1,2,3-Trichlorobenzene	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2414	1,2,3-Trichloropropane	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2378	1,2,4-Trichlorobenzene	524.2	0.07	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2418	1,2,4-Trimethylbenzene	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2968	1,2-Dichlorobenzene	524.2	0.6	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2980	1,2-Dichloroethane	524.2	0.005	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2983	1,2-Dichloropropane	524.2	0.005	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2424	1,3,5-Trimethylbenzene	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2967	1,3-Dichlorobenzene	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2412	1,3-Dichloropropane	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2969	1,4-Dichlorobenzene	524.2	0.075	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2416	2,2-Dichloropropane	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2965	2-Chlorotoluene	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2966	4-Chlorotoluene	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2030	4-Isopropyltoluene	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2990	Benzene	524.2	0.005	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2993	Bromobenzene	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2430	Bromochloromethane	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2214	Bromomethane	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2982	Carbon Tetrachloride	524.2	0.005	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2989	Chlorobenzene	524.2	0.1	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2216	Chloroethane	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2210	Chloromethane	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2380	cis-1,2-Dichloroethene	524.2	0.07	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2228	cis-1,3-Dichloropropene	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2408	Dibromomethane	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2212	Dichlorodifluoromethane	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2964	Dichloromethane	524.2	0.005	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2992	Ethylbenzene	524.2	0.7	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2246	Hexachlorobutadiene	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2994	Isopropylbenzene	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2251	Methyl Tert Butyl Ether	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2247	Methyl-Ethyl Ketone	524.2	--	mg/L	0.005	ND R2	1	11/20/2024 14:15		11/26/2024
2248	Naphthalene	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2422	n-Butylbenzene	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2997	o-Xylene	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024

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Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
2963	p and m-Xylenes	524.2	--	mg/L	0.0010	ND	1	11/20/2024 14:15		11/26/2024
	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	11/20/2024 14:15		11/26/2024
2428	sec-Butylbenzene	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2996	Styrene	524.2	0.1	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2426	tert-Butylbenzene	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2987	Tetrachloroethene	524.2	0.005	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2991	Toluene	524.2	1	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2979	trans-1,2-Dichloroethene	524.2	0.1	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2224	trans-1,3-Dichloropropene	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2984	Trichloroethene	524.2	0.005	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2218	Trichlorofluoromethane	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2904	Trichlorotrifluoroethane	524.2	--	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2976	Vinyl Chloride	524.2	0.002	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
2955	Xylenes (Total)	524.2	10	mg/L	0.0005	ND	1	11/20/2024 14:15		11/26/2024
	Organic Analytes - Others									
2414	1,2,3-Trichloropropane	504.1	0.00003	mg/L	0.00001	ND	1	11/20/2024 14:15	11/25/2024	11/25/2024
2931	1,2-Dibromo-3-chloropropane	504.1	0.0002	mg/L	0.00001	ND	1	11/20/2024 14:15	11/25/2024	11/25/2024
2946	1,2-Dibromoethane	504.1	0.00005	mg/L	0.00001	ND	1	11/20/2024 14:15	11/25/2024	11/25/2024
2105	2,4-D	515.4	70	ug/L	0.1	ND	1	11/20/2024 14:15	11/27/2024	12/3/2024
2066	3-Hydroxycarbofuran	531.2	--	ug/L	1.0	ND	1	11/20/2024 14:15		12/5/2024
2051	Alachlor	525.2	2	ug/L	0.2	ND	1	11/20/2024 14:15	11/26/2024	12/17/2024
2047	Aldicarb	531.2	7	ug/L	1.0	ND	1	11/20/2024 14:15		12/5/2024
2044	Aldicarb sulfone	531.2	7	ug/L	1.0	ND	1	11/20/2024 14:15		12/5/2024
2043	Aldicarb sulfoxide	531.2	7	ug/L	1.0	ND	1	11/20/2024 14:15		12/5/2024
2356	Aldrin	505	--	mg/L	0.00007	ND	1	11/20/2024 14:15	11/25/2024	11/25/2024
2050	Atrazine	525.2	3	ug/L	0.1	ND	1	11/20/2024 14:15	11/26/2024	12/17/2024
2625	Bentazon	515.4	--	ug/L	1	ND	1	11/20/2024 14:15	11/27/2024	12/3/2024
2306	Benzo(A)pyrene	525.2	0.2	ug/L	0.02	ND	1	11/20/2024 14:15	11/26/2024	12/17/2024
2076	Butachlor	525.2	--	ug/L	0.2	ND	1	11/20/2024 14:15	11/26/2024	12/17/2024
2021	Carbaryl	531.2	--	ug/L	1.0	ND	1	11/20/2024 14:15		12/5/2024
2046	Carbofuran	531.2	40	ug/L	1.0	ND	1	11/20/2024 14:15		12/5/2024
2959	Chlordane	505	0.002	mg/L	0.0001	ND	1	11/20/2024 14:15	11/25/2024	11/25/2024
2031	Dalapon	515.4	200	ug/L	1	ND	1	11/20/2024 14:15	11/27/2024	12/3/2024
2035	Di(2-ethylhexyl) adipate	525.2	400	ug/L	0.2	ND	1	11/20/2024 14:15	11/26/2024	12/17/2024
2039	Di(2-ethylhexyl) phthalate	525.2	6	ug/L	0.6	ND	1	11/20/2024 14:15	11/26/2024	12/17/2024
2440	Dicamba	515.4	--	ug/L	1	ND	1	11/20/2024 14:15	11/27/2024	12/3/2024
2933	Dichloran	505	--	mg/L	0.001	ND	1	11/20/2024 14:15	11/25/2024	11/25/2024
2070	Dieldrin	505	--	mg/L	0.00002	ND	1	11/20/2024 14:15	11/25/2024	11/25/2024
2041	Dinoseb	515.4	7	ug/L	0.2	ND	1	11/20/2024 14:15	11/27/2024	12/3/2024
2032	Diquat	549.2	20	ug/L	0.4	ND	1	11/20/2024 14:15	11/22/2024	11/27/2024

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2033	Endothall	548.1	100	ug/L	9	ND		1	11/20/2024 14:15	11/25/2024	12/2/2024
2005	Endrin	505	0.002	mg/L	0.00001	ND		1	11/20/2024 14:15	11/25/2024	11/25/2024
2034	Glyphosate	547	700	ug/L	6	ND		1	11/20/2024 14:15		11/26/2024
2065	Heptachlor	505	0.0004	mg/L	0.00001	ND		1	11/20/2024 14:15	11/25/2024	11/25/2024
2067	Heptachlor Epoxide	505	0.0002	mg/L	0.00001	ND		1	11/20/2024 14:15	11/25/2024	11/25/2024
2274	Hexachlorobenzene	505	0.001	mg/L	0.0001	ND		1	11/20/2024 14:15	11/25/2024	11/25/2024
2042	Hexachlorocyclopentadiene	505	0.05	mg/L	0.0001	ND		1	11/20/2024 14:15	11/25/2024	11/25/2024
2010	Lindane	505	0.0002	mg/L	0.00002	ND		1	11/20/2024 14:15	11/25/2024	11/25/2024
2022	Methomyl	531.2	--	ug/L	1.0	ND		1	11/20/2024 14:15		12/5/2024
2015	Methoxychlor	505	0.04	mg/L	0.0001	ND		1	11/20/2024 14:15	11/25/2024	11/25/2024
2045	Metolachlor	525.2	--	ug/L	0.2	ND		1	11/20/2024 14:15	11/26/2024	12/17/2024
2595	Metribuzin	525.2	--	ug/L	0.2	ND		1	11/20/2024 14:15	11/26/2024	12/17/2024
2626	Molinate	525.2	--	ug/L	0.2	ND		1	11/20/2024 14:15	11/26/2024	12/17/2024
2036	Oxamyl	531.2	200	ug/L	1.0	ND		1	11/20/2024 14:15		12/5/2024
2934	Pentachloronitrobenzene	505	--	mg/L	0.0001	ND		1	11/20/2024 14:15	11/25/2024	11/25/2024
2326	Pentachlorophenol	515.4	1	ug/L	0.04	ND		1	11/20/2024 14:15	11/27/2024	12/3/2024
2040	Picloram	515.4	500	ug/L	0.1	ND		1	11/20/2024 14:15	11/27/2024	12/3/2024
2077	Propachlor	525.2	--	ug/L	0.2	ND		1	11/20/2024 14:15	11/26/2024	12/17/2024
2110	Silvex 2,4,5-TP	515.4	50	ug/L	0.2	ND		1	11/20/2024 14:15	11/27/2024	12/3/2024
2037	Simazine	525.2	4	ug/L	0.07	ND		1	11/20/2024 14:15	11/26/2024	12/17/2024
2627	Thiobencarb	525.2	--	ug/L	0.2	ND		1	11/20/2024 14:15	11/26/2024	12/17/2024
2383	Total PCBs	505	0.0005	mg/L	0.0005	ND		1	11/20/2024 14:15	11/25/2024	11/25/2024
2910	Total Phenols	420.4	--	mg/L	0.001	ND	R2	1	11/20/2024 14:15		11/22/2024
2020	Toxaphene	505	0.003	mg/L	0.001	ND		1	11/20/2024 14:15	11/25/2024	11/25/2024
2055	Trifluralin	505	--	mg/L	0.001	ND		1	11/20/2024 14:15	11/25/2024	11/25/2024

Qualifiers:

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

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

ANALYTICAL REPORTS

SAMPLE CODE: 472487

1/7/2025

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

Sarah Buchanan

Sarah Buchanan, Project Manager

Analyst	Tests
ZSC	200.7,2330B,2340B
DMJ	200.8
SP	2320B,2510B
JF	2120B,2150B,549.2
DHG	5540C,2130B,420.4
BNF	150.1,504.1,515.4,505
CF	2540C
SG	300.1,300.0
SB	524.2 THMs,524.2,531.2,547
JLF	525.2,548.1

Laboratory ID: MI00044

National Testing Laboratories, Ltd

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

ANALYTICAL REPORTS

SAMPLE CODE: 472486

1/7/2025

Customer: Summit Spring Water Inc
N. Bryan Pullen
PO Box 480
Harrison, ME 04040

Source: S/A/A

Date/Time Received: 11/21/2024 10:18

Collected by: N. B. Pullen

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
				Microbiologicals						
3114	E. Coli	9223B	1	MPN/100 mL	1	ND	1	11/20/2024 14:13		11/21/2024 13:59
3001	Standard Plate Count	9215B	500	CFU/ml	1	38	1	11/20/2024 14:13		11/21/2024 13:45
				Pour Plate Method, 35°C/48hr, Plate Count Agar						
3000	Total Coliform	9223B	1	MPN/100 mL	1	ND	1	11/20/2024 14:13		11/21/2024 13:59

Analyst	Tests
CF	9223B,9215B

Sarah Buchanan

Sarah Buchanan, Project Manager

Date Printed: 1/7/2025 3:43:34 PM

Pace Analytical™
www.pacelabs.com

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

Report Prepared for:

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

Product Source

Sample ID: 472487
Source Name: S/A/A
Source Location: Harrison ME
PWS ID: N/A
Laboratory Sample ID: 10716759001
Date Sampled: 11/20/2024 @ 14:15
Date Received: 11/22/2024 @ 09:30

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:
10716759

Report Prepared Date:
December 4, 2024

This report has been reviewed by:

Joanne Richardson

December 04, 2024
Joanne Richardson,
(612) 607-6453
(612) 607-6444 (fax)

Report of Laboratory Analysis

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

Minnesota Laboratory Certifications

Authority	Certificate #	Authority	Certificate #
		Missouri	10100
A2LA	2926.01	Montana	CERT0092
Alabama	40770	Nebraska	NE-OS-18-06
Alaska-DW	MN00064	Nevada	MN00064
Alaska-UST	17-009	New Hampshire	2081
Arizona	AZ0014	New Jersey	MN002
Arkansas - WW	88-0680	New York	11647
Arkansas-DW	MN00064	North Carolina-DW	27700
California	2929	North Carolina-WW	530
Colorado	MN00064	North Dakota	R-036
Connecticut	PH-0256	Ohio-DW	41244
Florida	E87605	Ohio-VAP (1700)	CL101
Georgia	959	Ohio-VAP (1800)	CL110
Hawaii	MN00064	Oklahoma	9507
Idaho	MN00064	Oregon-Primary	MN300001
Illinois	200011	Oregon-Secondary	MN200001
Indiana	C-MN-01	Pennsylvania	68-00563
Iowa	368	Puerto Rico	MN00064
Kansas	E-10167	South Carolina	74003
Kentucky-DW	90062	Tennessee	TN02818
Kentucky-WW	90062	Texas	T104704192
Louisiana-DEQ	AI-84596	Utah	MN00064
Louisiana-DW	MN00064	Vermont	VT-027053137
Maine	MN00064	Virginia	460163
Maryland	322	Washington	C486
Michigan	9909	West Virginia-DEP	382
Minnesota	027-053-137	West Virginia-DW	9952C
Minnesota-Ag	via MN 027-053-137	Wisconsin	999407970
Minnesota-Petrofund	1240	Wyoming-UST	via A2LA 2926.01
Mississippi	MN00064		

REPORT OF LABORATORY ANALYSIS

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

H2 = Extracted outside of holding time

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

REPORT OF LABORATORY ANALYSIS

National Testing Laboratories, Ltd.

Quality Water Analysis

1-800-458-3330

Beverage - Source Water

Order Number: 2252778
Order Date: 10/29/2024
Sample Number: 472487
Product: FDABASE GRX
Paid: No **Method:** **P.O.:**
TSR: SBW

Harrison ME 04040

Date Sampled : 11/20/24
Time Sampled: 14:15 Please Use Military Time, e.g. 3:00pm = 15:00
Check Time Zone: ☑ EST ☐ CST ☐ MST ☐ PST

Source Water Information:

PWS ID# (if applicable):
Source Name: S/A/A
City & State: (If Different than Above)
Sample Collected By: (Signature)
Sample Collected By: N B PULLEN (Please Print)
Sample Temperature: **Field pH:**
Measured at Source By:
Form Completed By: N B PULLEN
Additional Comments:

For Laboratory Use ONLY

Lab Accounting Information:
Payment $:
Check #:

Lab Comments/Special Instructions:
Spring Source
6°C
Dioxin

State Forms:

Lab Sample Information:
Date Received: RECEIVED NOV 21 2024
Time Received: :1018
Received By: AB
☒ Sample receipt criteria checked & acceptable.
☐ Deviations from acceptable sample receipt criteria noted on PSA form.

Rev: SRT102120 **INCOMPLETE INFORMATION MAY DELAY ANALYSIS AND/OR INVALIDATE RESULTS**

ENV-FRM-MIN4-0150 v17_Sample Condition Upon Receipt

CLIENT NAME: National Testing Laboratories, Ltd PROJECT #:

WO#: 10716759

PM: JMR Due Date: 12/05/24

CLIENT: NTL

COURIER: ☐ Client ☐ Commercial ☐ FedEx ☐ Pace ☐ SpeeDee ☒ UPS ☐ USPS

TRACKING NUMBER: 1Z A1V 931 01 7464 3202 ☐ See Exceptions form ENV-FRM-MIN4-0142

Custody Seal on Cooler/Box Present: ☐ YES ☒ NO Seals Intact: ☐ YES ☒ NO Biological Tissue Frozen: ☐ YES ☐ NO ☒ N/A

Packing Material: ☐ Bubble Bags ☐ Bubble Wrap ☐ None ☒ Other Temp Blank: ☒ YES ☐ NO Type of Ice: ☐ Blue ☐ Dry ☒ Wet ☐ Melted ☐ None

Thermometer: ☐ T1 (0461) ☐ T2 (0436) ☒ T3 (0459) ☐ T4 (0402) ☐ T5 (0178) ☐ T6 (0235) ☐ T7 (0042) ☐ T8 (0775) ☐ T9 (0727) ☐ 01339252 (1710)

Did Samples Originate in West Virginia: ☐ YES ☒ NO	Were All Container Temps taken: ☐ YES ☐ NO ☒ N/A
Correction Factor: -0.2 Cooler Temp Read w/Temp Blank: 0.5 °C Cooler Temp Corrected w/Temp Blank: +0.3 °C	Average Corrected Temp (no Temp Blank Only): _____ °C
NOTE: Temp should be above freezing to 6°C.	☐ See Exceptions Form ENV-FRM-MIN4-0142 ☐ 1 Container
USDA Regulated Soil: ☒ N/A – Water Sample/Other (describe): _____	Initials & Date of Person Examining Contents: MMM 11/23/24
Did Samples originate from one of the following states (check maps) – AL, AR, AZ, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA: ☐ YES ☐ NO	Did samples originate from a foreign source (international, including Hawaii and Puerto Rico): ☐ YES ☐ NO
NOTE: If YES to either question, fill out a Regulated Soil Checklist (ENV-FRM-MIN4-0154) and include with SCUR/COC paperwork.	

LOCATION (check one): ☐ DULUTH ☒ MINNEAPOLIS ☐ VIRGINIA	YES	NO	N/A	COMMENT(S)
Chain of Custody Present and Filled Out?	☒	☐		1.
Chain of Custody Relinquished?	☒	☐		2.
Sampler Name and/or Signature on COC?	☒	☐	☐	3.
Samples Arrived within Hold Time?	☒	☐		4. If Fecal: ☐ <8 hrs ☐ >8 hr, <24 hr ☐ No
Short Hold Time Analysis (<72 hr)?	☐	☒		5. ☐ BOD / cBOD ☐ Fecal coliform ☐ Hex Chrom ☐ HPC ☐ Nitrate ☐ Nitrite ☐ Ortho Phos ☐ Total coliform/*E. coli* ☐ Other: _____
Rush Turn Around Time Requested?	☐	☒		6.
Sufficient Sample Volume?	☒	☐		7.
Correct Containers Used? – Pace Containers Used?	☒ ☒	☐ ☐	☐	8.
Containers Intact?	☒	☐		9.
Field Filtered Volume Received for Dissolved Tests?	☐	☐	☒	10. Is sediment visible in the dissolved container: ☐ YES ☐ NO
Is sufficient information available to reconcile the samples to the COC? **NOTE:** If ID/Date/Time don't match fill out section 11. Matrix: ☐ Oil ☐ Soil ☒ Water ☐ Other	☒	☐		**11. If NO, write ID/Date/Time of container below:** No time on containers ☐ See Exceptions form ENV-FRM-MIN4-0142
All containers needing acid/base preservation have been checked?	☐	☐	☒	12. Sample #:
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, < 2 pH, NaOH > 9 Sulfide, NaOH > 10 Cyanide)	☐	☐	☒	☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ Zinc Acetate
Exceptions: VOA, Coliform, TOC/DOC, Oil & Grease, DRO/8015 (water) and Dioxins/PFAS	☒	☐	☐	Positive for Residual Chlorine: ☐ YES ☐ NO
NOTE: If adding preservation to the container, **verify with the PM first.** Clients may require adding preservative to the field and equipment blanks when this occurs.				**pH Paper Lot #**
				Residual Chlorine | 0-6 Roll | 0-6 Strip | 0-14 Strip
				☐ See Exceptions form ENV-FRM-MIN4-0142
Headspace in Methyl Mercury Container?	☐	☐	☒	13.
Extra labels present on soil VOA or WIDRO containers?	☐	☐	☒	14.
Headspace in VOA Vials (greater than 6mm)?	☐	☐	☒	☐ See Exceptions form ENV-FRM-MIN4-0140
Trip Blanks Present?	☐	☐	☒	15.
Trip Blank Custody Seals Present?	☐	☐	☒	Pace Trip Blank Lot # (if purchased): _____

CLIENT NOTIFICATION / RESOLUTION **FIELD DATA REQUIRED:** ☐ YES ☐ NO

Person Contacted: _____ Date & Time: _____

Comments / Resolution: _____

Project Manager Review: Joanne Richardson Date: 11-26-24

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

Labeled By: MMM Line: 3

PaceAnalyticalServices,LLC.
1700ElmStreet
Minneapolis,MN,55414

Tel612-607-1700
Fax612-607-6444

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

Sample ID.....472487
Client..... National Testing Laborato
Lab Sample ID..... 10716759001

Date Collected.....11/20/2024
Date Received.....11/22/2024
Date Extracted.....11/26/2024

Spike.....200 pg
IS Spike.....2000 pg
CS Spike.....200 pg

	Sample 472487	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	--	--	119%	116%
pg Recovered	--	--	237pg/L	231pg/L
Spike Recovery Limit	--	--	73-146%	73-146%
RPD				2.6%
IS Recovery	**62%**	66%	71%	73%
pg Recovered	1241 pg/L	1322 pg/L	1411 pg/L	1452 pg/L
IS Recovery Limits	31-137%	31-137%	25-141%	25-141%
CS Recovery	**101%**	71%	83%	84%
pg Recovered	201 pg/L	141 pg/L	167 pg/L	168 pg/L
CS Recovery Limits	42-164%	42-164%	37-158%	37-158%
Filename	E241130A_18	E241129B_09	E241129B_06	E241129B_07
Analysis Date	11/30/2024	11/29/2024	11/29/2024	11/29/2024
Analysis Time	13:32	19:29	17:53	18:25
Analyst	AH5	AH5	AH5	AH5
Volume	0.933L	0.957L	0.982L	0.978L
Dilution	NA	NA	NA	NA
ICAL Date	09/26/2024	09/26/2024	09/26/2024	09/26/2024
CCAL Filename	E241130A_02	E241129B_03	E241129B_03	E241129B_03

! = 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- $^{13}C_{12}$]
CS = Cleanup Standard [2,3,7,8-TCDD- $^{37}Cl_4$]

Analyst: _____

Project No.....10716759

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

PROJECT NARRATIVE

Project: 2252778
Pace Project No.: 30737140

Method: **SM 7500RnB-1996**
Description: 7500RnB Radon
Client: National Testing Laboratories, Ltd.
Date: December 18, 2024

General Information:
1 sample was analyzed for SM 7500RnB-1996 by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

H3: Sample was received or analysis requested beyond the recognized method holding time.
- 472487 (Lab ID: 30737140001)

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

PROJECT NARRATIVE

Project: 2252778
Pace Project No.: 30737140

Method: **EPA 900.0**
Description: 900.0 Gross Alpha/Beta
Client: National Testing Laboratories, Ltd.
Date: December 18, 2024

General Information:
1 sample was analyzed for EPA 900.0 by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

PROJECT NARRATIVE

Project: 2252778
Pace Project No.: 30737140

Method: **EPA 903.1**
Description: 903.1 Radium 226, DW
Client: National Testing Laboratories, Ltd.
Date: December 18, 2024

General Information:
1 sample was analyzed for EPA 903.1 by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

PROJECT NARRATIVE

Project: 2252778
Pace Project No.: 30737140

Method: **EPA 904.0**
Description: 904.0 Radium 228, DW
Client: National Testing Laboratories, Ltd.
Date: December 18, 2024

General Information:
1 sample was analyzed for EPA 904.0 by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

PROJECT NARRATIVE

Project: 2252778
Pace Project No.: 30737140

Method: **Total Radium Calculation**
Description: Total Radium 228+226
Client: National Testing Laboratories, Ltd.
Date: December 18, 2024

General Information:
1 sample was analyzed for Total Radium Calculation by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 2252778
Pace Project No.: 30737140

Sample: 472487 **Lab ID: 30737140001** Collected: 11/20/24 14:15 Received: 11/25/24 10:30 Matrix: Drinking Water
PWS: Site ID: Sample Type:

Comments:
- We received a radon sample today that was out of hold. Our system will flag this sample as "out of hold" However, there is no hold time for radon in water and it is not a regulated parameter. There is only one reference for a hold-time for radon in water and it has a "recommended" hold-time of 4 days.
- SOURCE WATER, S/A/A, Harrison, ME
- No brand type/product code listed, no container size listed, no production code/lot number listed.
- No date/time/opened by listed.
- The sampler's name and signature were not listed on the COC.
- Sample collection dates and times were not present on the sample containers.
- Upon receipt at the laboratory, 5.0 mls of nitric acid were added to the sample to meet the sample preservation requirement of pH <2 for radiochemistry analysis, where the method requires preservation, in drinking water.
- The samples were notpreserved pH <2 within the required 5 days of collection (EPA 815-R-05-004).

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radon	SM 7500RnB-1996	**2,088 ± 111 (130) C:NA T:NA**	pCi/L	12/02/24 12:19	10043-92-2	H3
	Pace Analytical Services - Greensburg					
Gross Alpha	EPA 900.0	**-0.268 ± 0.710 (2.21) C:NA T:NA**	pCi/L	12/13/24 08:40	12587-46-1	
Gross Beta	EPA 900.0	**1.37 ± 0.831 (1.59) C:NA T:NA**	pCi/L	12/13/24 08:40	12587-47-2	
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.115 ± 0.356 (0.689) C:NA T:95%**	pCi/L	12/17/24 11:08	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**1.30 ± 0.409 (0.656) C:77% T:85%**	pCi/L	12/17/24 11:26	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.42 ± 0.765 (1.35)**	pCi/L	12/18/24 09:52	7440-14-4	

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL - RADIOCHEMISTRY

Project: 2252778
Pace Project No.: 30737140

QC Batch: 712669
QC Batch Method: EPA 900.0
Analysis Method: EPA 900.0
Analysis Description: 900.0 Gross Alpha/Beta
Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 30737140001

METHOD BLANK: 3470274 Matrix: Water

Associated Lab Samples: 30737140001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Gross Alpha	-0.011 ± 0.557 (1.55) C:NA T:NA	pCi/L	12/13/24 08:39	
Gross Beta	0.873 ± 0.760 (1.53) C:NA T:NA	pCi/L	12/13/24 08:39	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL - RADIOCHEMISTRY

Project: 2252778
Pace Project No.: 30737140

QC Batch: 712351
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226, DW
Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 30737140001

METHOD BLANK: 3469001 Matrix: Drinking Water

Associated Lab Samples: 30737140001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.0439 ± 0.258 (0.528) C:NA T:91%	pCi/L	12/17/24 11:08	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL - RADIOCHEMISTRY

Project: 2252778
Pace Project No.: 30737140

QC Batch: 712352
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228, DW
Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 30737140001

METHOD BLANK: 3469003 Matrix: Drinking Water

Associated Lab Samples: 30737140001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.0687 ± 0.301 (0.687) C:79% T:85%	pCi/L	12/17/24 11:25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL - RADIOCHEMISTRY

Project: 2252778
Pace Project No.: 30737140

QC Batch: 712127
QC Batch Method: SM 7500RnB-1996
Analysis Method: SM 7500RnB-1996
Analysis Description: 7500Rn B Radon
Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 30737140001

METHOD BLANK: 3467847 Matrix: Water

Associated Lab Samples: 30737140001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radon	-11.56 ± 8.77 (15.0) C:NA T:NA	pCi/L	12/01/24 20:50	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALIFIERS

Project: 2252778
Pace Project No.: 30737140

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: For Safe Drinking Water Act (SDWA) analyses, the reported Unc. Is the calculated Count Uncertainty (95% confidence interval) using a coverage factor of 1.96. For all other matrices (non-SDWA), the reported Unc. is the calculated Expanded Uncertainty (aka Combined Standard Uncertainty, CSU), reported at the 95% confidence interval using a coverage factor of 1.96.

Gamma Spec: The Unc. reported for all gamma-spectroscopy analyses (EPA 901.1), is the calculated Expanded Uncertainty (CSU) at the 95.4% confidence interval, using a coverage factor of 2.0.

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

H3 Sample was received or analysis requested beyond the recognized method holding time.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2252778
Pace Project No.: 30737140

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30737140001	**472487**	SM 7500RnB-1996	712127		
30737140001	**472487**	EPA 900.0	712669		
30737140001	**472487**	EPA 903.1	712351		
30737140001	**472487**	EPA 904.0	712352		
30737140001	**472487**	Total Radium Calculation	716197		

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

CERTIFICATIONS

Project: 2252778
Pace Project No.: 30737140

Pace Analytical Services Pennsylvania
1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

SAMPLE SUMMARY

Project: 2252778
Pace Project No.: 30737140

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30737140001	**472487**	Drinking Water	11/20/24 14:15	11/25/24 10:30

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

SAMPLE ANALYTE COUNT

Project: 2252778
Pace Project No.: 30737140

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30737140001	**472487**	SM 7500RnB-1996	REH1	1	PASI-PA
		EPA 900.0	KET	2	PASI-PA
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	LL1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA

PASI-PA = Pace Analytical Services - Greensburg

National Testing Laboratories, Ltd.
Quality Water Analysis

1-800-458-3330

Beverage - Source Water

Order Number: 2252778
Order Date: 10/29/2024
Sample Number: 472487
Product: FDABASE GRX
Paid: No **Method:** **P.O.:**
TSR: SBW

Harrison ME 04040

Date Sampled: 11/20/24
Time Sampled: 14:15 Please Use Military Time, e.g. 3:00pm = 15:00
Check Time Zone: ☒ EST ☐ CST ☐ MST ☐ PST

WO#: 30737140
PM: CMC Due Date: 12/18/24
CLIENT: NTL

Source Water Information:

PWS ID# (if applicable):
Source Name: S/A/A
City & State: (If Different than Above)
Sample Collected By: (Signature)
Sample Collected By: N B PULLEN (Please Print)
Sample Temperature: **Field pH:**
Measured at Source By:
Form Completed By: N B PULLEN

Additional Comments:

For Laboratory Use ONLY

Lab Accounting Information:
Payment $:
Check #:

Lab Comments/Special Instructions:
Spring Source
6°C
Radon,
Rads

State Forms:

Lab Sample Information:
Date Received: RECEIVED NOV 21 2024
Time Received: 10:18
Received By: AB
☒ Sample receipt criteria checked & acceptable.
☐ Deviations from acceptable sample receipt criteria noted on PSA form.

Rev: SRT102120 INCOMPLETE INFORMATION MAY DELAY ANALYSIS AND/OR INVALIDATE RESULTS

DC#_Title: ENV-FRM-GBUR-0088 v07_Sample Condition Upon Receipt-Greensburg

Effective Date: 01/04/2024

WO#: 30737140

PM: CMC Due Date: 12/18/24

CLIENT: NTL

Client Name: NTL

Courier: ☐ Fed Ex ☑ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace

Tracking Number: 1Z A1U931017530 6780

Examined By: PS 11/25/24

Labeled By: PS 11/25/24

Temped By:

Custody Seal on Cooler/Box Present: ☐ Yes ☑ No **Seals Intact:** ☐ Yes ☐ No

Thermometer Used: ~~Type of Ice:~~ Wet Blue ~~None~~

Cooler Temperature: Observed Temp ____ °C Correction Factor: ____ °C Final Temp: ____ °C

Temp should be above freezing to 6°C

	Yes	No	NA	
Comments:				pH paper Lot# 100104 / D.P.D. Residual Chlorine Lot #
Chain of Custody Present	✓			1.
Chain of Custody Filled Out:	✓			2.
-Were client corrections present on COC		✓		
Chain of Custody Relinquished	✓			3.
Sampler Name & Signature on COC:		✓		4.
Sample Labels match COC:		✓		5. - No matrix on COC - No times on bottles/vials
-Includes date/time/ID				
Matrix:	DW			
Samples Arrived within Hold Time: PS 11/25/24	X	✓		6. Radon out of hold
Short Hold Time Analysis (<72hr remaining):	✓			7.
Rush Turn Around Time Requested:		✓		8.
Sufficient Volume:	✓			9.
Correct Containers Used:	✓			10.
-Pace Containers Used		✓		
Containers Intact:	✓			11.
Orthophosphate field filtered:			✓	12.
Hex Cr Aqueous samples field filtered:			✓	13.
Organic Samples checked for dichlorination			✓	14:
Filtered volume received for dissolved tests:			✓	15:
All containers checked for preservation:	✓			16. added 5.0 mL HNO3 to bottles / Radon
exceptions: VOA, coliform, TOC, O&G, Phenolics, Radon, non-aqueous matrix				Initial when completed: PS Date/Time of Preservation: 11/25/24 12:00
All containers meet method preservation requirements:		✓		Lot# of added Preservative: 30209709
8260C/D: Headspace in VOA Vials (> 6mm)			✓	17.
624.1: Headspace in VOA Vials (0mm)			✓	18.
Radon: Headspace in RAD Vials (0mm)	✓			19.
Trip Blank Present:			✓	Trip blank custody seal present? YES or NO
Rad Samples Screened <.05 mrem/hr.	✓			Initial when completed: PS Date: 11/25/24 Survey Meter SN: 2504380

Comments:

Note: For NC compliance samples with discrepancies, a copy of this form must be sent to the DEHNR Certification office.
PM Review is documented electronically in LIMS through the SRF Review schedule in the Workorder Edit Screen.

Page 1 of 1

Qualtrax ID: 55680

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

EMSL Order ID:	042424108
Customer ID:	NTLI78
Customer PO:	14630
Project ID:	

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

Proj: 472487

Phone:	(440) 449-2525
Fax:	(Ema) il -only
Received:	11/22/2024
Analyzed:	12/06/2024

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)		
472487 042424108-0001	11/22/2024 08:46 PM	100	1339	0.0786	None Detected	ND	0.17	<0.17	0.00 - 0.63

Collection Date/Time: *11/20/2024 14:15 PM*

Bottle supplied by client.

Analyst(s)
Gregory Barry (1)

Samantha Rundstrom, Laboratory Manager
or Other Approved Signatory

Any questions please contact Samantha Rundstrom-Cruz.

Initial report from: 12/06/2024 09:56:40

Job Narrative
810-129220-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The sample was received on 11/22/2024 10:15 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.8°C.

LCMS
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client: National Testing Laboratories, Ltd
Project/Site: 472487/ 2252778

Job ID: 810-129220-1

Client Sample ID: 472487/ 2252778
Date Collected: 11/20/24 14:15
Date Received: 11/22/24 10:15

Lab Sample ID: 810-129220-3
Matrix: Drinking Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	0.76		0.050		ug/L			11/25/24 22:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (EPA 335.4)	<0.0050		0.0050		mg/L		11/23/24 13:45	11/23/24 17:02	1

Definitions/Glossary

Client: National Testing Laboratories, Ltd
Project/Site: 472487/ 2252778

Job ID: 810-129220-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Lab Chronicle

Client: National Testing Laboratories, Ltd
Project/Site: 472487/ 2252778

Job ID: 810-129220-1

Client Sample ID: 472487/ 2252778

Date Collected: 11/20/24 14:15
Date Received: 11/22/24 10:15

Lab Sample ID: 810-129220-3

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	331.0		1	124109	GL	EA SB	11/25/24 22:23
Total/NA	Prep	Distill/CN			123982	GB	EA SB	11/23/24 13:45
Total/NA	Analysis	335.4		1	123992	GB	EA SB	11/23/24 17:02

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

Accreditation/Certification Summary

Client: National Testing Laboratories, Ltd
Project/Site: 472487/ 2252778

Job ID: 810-129220-1

Laboratory: Eurofins Eaton Analytical South Bend

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Ohio	State	87775	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
331.0		Drinking Water	Perchlorate
335.4	Distill/CN	Drinking Water	Cyanide, Total

Method Summary

Client: National Testing Laboratories, Ltd
Project/Site: 472487/ 2252778

Job ID: 810-129220-1

Method	Method Description	Protocol	Laboratory
331.0	Perchlorate (LC/MS/MS)	EPA	EA SB
335.4	Cyanide, Total	EPA	EA SB
Distill/CN	Distillation, Cyanide	None	EA SB

Protocol References:

EPA = US Environmental Protection Agency

None = None

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

Sample Summary

Client: National Testing Laboratories, Ltd
Project/Site: 472487/ 2252778

Job ID: 810-129220-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
810-129220-3	472487/ 2252778	Drinking Water	11/20/24 14:15	11/22/24 10:15

National Testing Laboratories, Ltd.

Quality Water Analysis

1-800-458-3330

Beverage - Source Water

Order Number: 2252778
Order Date 10/29/2024
Sample Number 472487
Product FDABASE GRX
Paid No **Method** P O
TSR: SBW

Harrison ME 04040

Date Sampled 11/20/24
Time Sampled 14 15 Please Use Military Time, e.g. 3:00pm = 15:00
Check Time Zone ☑ EST ☐ CST ☐ MST ☐ PST

Source Water Information

PWS ID# (if applicable)
Source Name S/A/A
City & State (If Different than Above)
Sample Collected By (Signature)
Sample Collected By N B PULLEN (Please Print)
Sample Temperature Field pH
Measurement Source By
Form Completed By N B PULLEN

Additional Comments

For Laboratory Use ONLY

Lab Accounting Information
Payment $.
Check #:

Lab Comments/Special Instructions
Spring Source
6°C
Cr, Perchlorate

State Forms

Lab Sample Information:
Date Received. RECEIVED NOV 21 2024
Time Received. 1018
Received By. AB
☒ Sample receipt criteria checked & acceptable.
☐ Deviations from acceptable sample receipt criteria noted on PSA form.

Rev: SRT102120 INCOMPLETE INFORMATION MAY DELAY ANALYSIS AND/OR INVALIDATE RESULTS

con-test®
A Pace Analytical® Laboratory

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

December 5, 2024

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

Project Location: 2252778
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 24K1866

Enclosed are results of analyses for samples as received by the laboratory on November 22, 2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Karriem G. Marius
Project Manager

Table of Contents

con-test®
A Pace Analytical® Laboratory

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

National Testing Laboratories, LTD
6571 Wilson Mills Road
Cleveland, OH 44143
ATTN: Christine Macmillan

REPORT DATE: 12/5/2024

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 24K1866

The results of analyses performed on the following samples submitted to Con-Test, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: 2252778

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
472488	24K1866-01	Drinking Water		EPA 537.1	
472488 FB	24K1866-02	Field Blank		EPA 537.1	

con-test®
A Pace Analytical® Laboratory

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Lisa A. Worthington
Technical Representative

con-test®
A Pace Analytical® Laboratory

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 2252778 Sample Description: Work Order: 24K1866

Date Received: 11/22/2024

Field Sample #: 472488 Sampled: 11/20/2024 14:20

Sample ID: 24K1866-01

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanesulfonic acid (PFBS)	ND	1.9	0.77		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:42	ZGS
Perfluorohexanoic acid (PFHxA)	ND	1.9	1.0		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:42	ZGS
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.93		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:42	ZGS
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.95		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:42	ZGS
Perfluorooctanoic acid (PFOA)	ND	1.9	1.1		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:42	ZGS
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.86		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:42	ZGS
Perfluorononanoic acid (PFNA)	ND	1.9	0.95		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:42	ZGS
Perfluorodecanoic acid (PFDA)	ND	1.9	0.93		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:42	ZGS
N-EtFOSAA (NEtFOSAA)	ND	1.9	0.87		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:42	ZGS
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.92		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:42	ZGS
N-MeFOSAA (NMeFOSAA)	ND	1.9	0.84		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:42	ZGS
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.88		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:42	ZGS
Perfluorotridecanoic acid (PFTrDA)	ND	1.9	0.86		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:42	ZGS
Perfluorotetradecanoic acid (PFTA)	ND	1.9	0.86		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:42	ZGS
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	1.4		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:42	ZGS
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.74		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:42	ZGS
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.82		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:42	ZGS
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.97		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:42	ZGS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
13C-PFHxA	105	70-130		12/5/24 8:42
M3HFPO-DA	117	70-130		12/5/24 8:42
13C-PFDA	103	70-130		12/5/24 8:42
D5-NEtFOSAA	95.7	70-130		12/5/24 8:42

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Project Location: 2252778 Sample Description: Work Order: 24K1866

Date Received: 11/22/2024

Field Sample #: 472488 FB Sampled: 11/20/2024 14:20

Sample ID: 24K1866-02

Sample Matrix: Field Blank

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanesulfonic acid (PFBS)	ND	2.1	0.84		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:49	ZGS
Perfluorohexanoic acid (PFHxA)	ND	2.1	1.1		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:49	ZGS
Perfluorohexanesulfonic acid (PFHxS)	ND	2.1	1.0		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:49	ZGS
Perfluoroheptanoic acid (PFHpA)	ND	2.1	1.0		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:49	ZGS
Perfluorooctanoic acid (PFOA)	ND	2.1	1.2		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:49	ZGS
Perfluorooctanesulfonic acid (PFOS)	ND	2.1	0.95		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:49	ZGS
Perfluorononanoic acid (PFNA)	ND	2.1	1.0		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:49	ZGS
Perfluorodecanoic acid (PFDA)	ND	2.1	1.0		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:49	ZGS
N-EtFOSAA (NEtFOSAA)	ND	2.1	0.95		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:49	ZGS
Perfluoroundecanoic acid (PFUnA)	ND	2.1	1.0		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:49	ZGS
N-MeFOSAA (NMeFOSAA)	ND	2.1	0.92		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:49	ZGS
Perfluorododecanoic acid (PFDoA)	ND	2.1	0.96		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:49	ZGS
Perfluorotridecanoic acid (PFTrDA)	ND	2.1	0.95		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:49	ZGS
Perfluorotetradecanoic acid (PFTA)	ND	2.1	0.94		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:49	ZGS
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.1	1.5		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:49	ZGS
11Cl-PF3OUdS (F53B Major)	ND	2.1	0.81		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:49	ZGS
9Cl-PF3ONS (F53B Minor)	ND	2.1	0.90		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:49	ZGS
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.1	1.1		ng/L	1		EPA 537.1	12/3/24	12/5/24 8:49	ZGS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
13C-PFHxA	95.3	70-130		12/5/24 8:49
M3HFPO-DA	103	70-130		12/5/24 8:49
13C-PFDA	93.3	70-130		12/5/24 8:49
D5-NEtFOSAA	95.7	70-130		12/5/24 8:49

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Sample Extraction Data

Prep Method: EPA 537.1-EPA 537.1

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24K1866-01 [472488]	B393472	265	1.00	12/03/24
24K1866-02 [472488 FB]	B393472	242	1.00	12/03/24

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B393472 - EPA 537.1											
Blank (B393472-BLK1)					Prepared: 12/03/24 Analyzed: 12/05/24						
Perfluorobutanesulfonic acid (PFBS)	ND	1.9	0.78	ng/L							
Perfluorohexanoic acid (PFHxA)	ND	1.9	1.0	ng/L							
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.93	ng/L							
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.96	ng/L							
Perfluorooctanoic acid (PFOA)	ND	1.9	1.1	ng/L							
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.87	ng/L							
Perfluorononanoic acid (PFNA)	ND	1.9	0.96	ng/L							
Perfluorodecanoic acid (PFDA)	ND	1.9	0.94	ng/L							
N-EtFOSAA (NEtFOSAA)	ND	1.9	0.88	ng/L							
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.93	ng/L							
N-MeFOSAA (NMeFOSAA)	ND	1.9	0.84	ng/L							
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.89	ng/L							
Perfluorotridecanoic acid (PFTrDA)	ND	1.9	0.87	ng/L							
Perfluorotetradecanoic acid (PFTA)	ND	1.9	0.87	ng/L							
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	1.4	ng/L							
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.74	ng/L							
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.83	ng/L							
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.98	ng/L							
Surrogate: 13C-PFHxA	*39.2*			ng/L	37.97		103	70-130			
Surrogate: M3HFPO-DA	*44.3*			ng/L	37.97		117	70-130			
Surrogate: 13C-PFDA	*38.1*			ng/L	37.97		100	70-130			
Surrogate: D5-NEtFOSAA	*154*			ng/L	151.9		102	70-130			
LCS (B393472-BS1)					Prepared: 12/03/24 Analyzed: 12/05/24						
Perfluorobutanesulfonic acid (PFBS)	9.13	1.9	0.77	ng/L	8.354		109	70-130			
Perfluorohexanoic acid (PFHxA)	11.4	1.9	1.0	ng/L	9.419		121	70-130			
Perfluorohexanesulfonic acid (PFHxS)	9.69	1.9	0.93	ng/L	8.609		113	70-130			
Perfluoroheptanoic acid (PFHpA)	11.0	1.9	0.95	ng/L	9.419		117	70-130			
Perfluorooctanoic acid (PFOA)	10.4	1.9	1.1	ng/L	9.419		110	70-130			
Perfluorooctanesulfonic acid (PFOS)	9.80	1.9	0.86	ng/L	8.741		112	70-130			
Perfluorononanoic acid (PFNA)	11.0	1.9	0.95	ng/L	9.419		116	70-130			
Perfluorodecanoic acid (PFDA)	11.1	1.9	0.93	ng/L	9.419		118	70-130			
N-EtFOSAA (NEtFOSAA)	10.4	1.9	0.87	ng/L	9.419		111	70-130			
Perfluoroundecanoic acid (PFUnA)	10.6	1.9	0.92	ng/L	9.419		112	70-130			
N-MeFOSAA (NMeFOSAA)	9.98	1.9	0.84	ng/L	9.419		106	70-130			
Perfluorododecanoic acid (PFDoA)	9.96	1.9	0.88	ng/L	9.419		106	70-130			
Perfluorotridecanoic acid (PFTrDA)	10.6	1.9	0.86	ng/L	9.419		112	70-130			
Perfluorotetradecanoic acid (PFTA)	10.9	1.9	0.86	ng/L	9.419		116	70-130			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	10.2	1.9	1.4	ng/L	9.419		109	70-130			
11Cl-PF3OUdS (F53B Major)	8.95	1.9	0.74	ng/L	8.882		101	70-130			
9Cl-PF3ONS (F53B Minor)	9.26	1.9	0.82	ng/L	8.788		105	70-130			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	10.4	1.9	0.97	ng/L	8.901		117	70-130			
Surrogate: 13C-PFHxA	*38.3*			ng/L	37.67		102	70-130			
Surrogate: M3HFPO-DA	*41.4*			ng/L	37.67		110	70-130			
Surrogate: 13C-PFDA	*37.6*			ng/L	37.67		99.9	70-130			
Surrogate: D5-NEtFOSAA	*150*			ng/L	150.7		99.4	70-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 537.1 in Drinking Water	
Perfluorobutanesulfonic acid (PFBS)	VT-DW,NJ,CT,ME,PA,MI,MA,NY,NH,OH,VA
Perfluorohexanoic acid (PFHxA)	VT-DW,NJ,CT,ME,PA,MI,MA,NY,NH,OH
Perfluorohexanesulfonic acid (PFHxS)	VT-DW,NJ,CT,ME,PA,MI,MA,NY,NH,OH,VA
Perfluoroheptanoic acid (PFHpA)	VT-DW,NJ,CT,ME,PA,MI,MA,NY,NH,OH
Perfluorooctanoic acid (PFOA)	VT-DW,NJ,CT,ME,PA,MI,MA,NY,NH,OH,VA
Perfluorooctanesulfonic acid (PFOS)	VT-DW,NJ,CT,ME,PA,MI,MA,NY,NH,OH,VA
Perfluorononanoic acid (PFNA)	VT-DW,NJ,CT,ME,PA,MI,MA,NY,NH,OH,VA
Perfluorodecanoic acid (PFDA)	VT-DW,NJ,CT,ME,PA,MI,MA,NY,NH,OH
N-EtFOSAA (NEtFOSAA)	VT-DW,NJ,CT,ME,PA,MI,MA,NY,NH,OH
Perfluoroundecanoic acid (PFUnA)	VT-DW,NJ,CT,ME,PA,MI,MA,NY,NH,OH
N-MeFOSAA (NMeFOSAA)	VT-DW,NJ,CT,ME,PA,MI,MA,NY,NH,OH
Perfluorododecanoic acid (PFDoA)	VT-DW,NJ,CT,ME,PA,MI,MA,NY,NH,OH
Perfluorotridecanoic acid (PFTrDA)	VT-DW,NJ,CT,ME,PA,MI,MA,NY,NH,OH
Perfluorotetradecanoic acid (PFTA)	VT-DW,NJ,CT,ME,PA,MI,MA,NY,NH,OH
Hexafluoropropylene oxide dimer acid (HFPO-DA)	VT-DW,NJ,CT,ME,PA,MI,MA,NY,NH,OH,VA
11Cl-PF3OUdS (F53B Major)	VT-DW,NJ,CT,ME,PA,MI,MA,NY,NH,OH
9Cl-PF3ONS (F53B Minor)	VT-DW,NJ,CT,ME,PA,MI,MA,NY,NH,OH
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	VT-DW,NJ,CT,ME,PA,MI,MA,NY,NH,OH

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
MA	Massachusetts DEP	M-MA100	06/30/2025
CT	Connecticut Department of Public Health	PH-0821	12/31/2024
NY	New York State Department of Health	10899 NELAP	04/1/2025
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2025
NJ	New Jersey DEP	MA007 NELAP	06/30/2025
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2025
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2024
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2025
MI	Dept. of Env, Great Lakes, and Energy	9100	06/30/2025
OH	Ohio Environmental Protection Agency	87781	04/1/2025

National Testing Laboratories, Ltd.
Quality Water Analysis
1-800-458-3330

Beverage - Source Water

Order Number: 2252778
Order Date: 10/29/2024
Sample Number: 472488
Product: PFAS 18
Paid: No **Method:** **P.O.:**
TSR: SBW

For Laboratory Use ONLY
Lab Accounting Information:
Payment $: _____
Check #: _____
Lab Comments/Special Instructions:
Spring Source 6°C PFAS
State Forms:
Lab Sample Information:
Date Received: RECEIVED NOV 21 2024
Time Received: : 1018
Received By: AB
☒ Sample receipt criteria checked & acceptable.
☐ Deviations from acceptable sample receipt criteria noted on PSA form.

Harrison ME 04040

Date Sampled: 11/20/24
Time Sampled: 14:20 Please Use Military Time, e.g. 3:00pm = 15:00
Check Time Zone: ☑ EST ☐ CST ☐ MST ☐ PST

Source Water Information:

PWS ID# (if applicable):
Source Name: S/A/A
City & State: (If Different than Above)
Sample Collected By: (Signature)
Sample Collected By: NB PULLEN (Please Print)
Sample Temperature: **Field pH:**
Measured at Source By:
Form Completed By: NB PULLEN

Additional Comments:

Rev: SRT102120 INCOMPLETE INFORMATION MAY DELAY ANALYSIS AND/OR INVALIDATE RESULTS

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-ELON-0001 v08_Sample Receiving Checklist
	Effective Date: 06/11/2024

Log In Back-Sheet

Client Alpha

Project National Testing

MCP/RCP Required N/A

Deliverable Package Requirement N/A

Location Harrison, ME

PWSID# (When Applicable) N/A

Arrival Method:

Courier ☐ Fed Ex ☐ Walk In ☐ Other ☒ UPS

Received By / Date / Time RL 11/22/24 1601

Back-Sheet By / Date / Time STM 11/22/24 1700

Temperature Method Gun #6

WV samples: Yes (see note*) / NO (follow normal procedure)

Temp X < 6° C Actual Temperature 0.2

Rush Samples: Yes / No Notify

Short Hold: Yes / No Notify

Notes regarding Samples/COC outside of SOP:

Login Sample Receipt Checklist – (Rejection Criteria Listing – Using Acceptance Policy) Any False statement will be brought to the attention of the Client – True or False

	True	False
Received on Ice	☒	☐
Received in Cooler	☒	☐
Custody Seal: DATE TIME	☐	☒
COC Relinquished	☒	☐
COC/Samples Labels Agree	☒	☐
All Samples in Good Condition	☒	☐
Samples Received within Holding Time	☒	☐
Is there enough Volume	☒	☐
Proper Media/Container Used	☒	☐
Splitting Samples Required	☐	☒
MS/MSD	☐	☒
Trip Blanks	☐	☒
Lab to Filters	☐	☒
COC Legible	☒	☐

COC Included: (Check all included)

Client ☒ Analysis ☒ Sampler Name ☒

Project ☒ IDs ☒ Collection Date/Time ☒

All Samples Proper pH: N/A ☐ ☐

Additional Container Notes

**Note: West Virginia requires all samples to have their temperature taken. Note any outliers.*

Qualtrax ID: 120836

Pace	DC#_Title: ENV-FRM-ELON-0001 v08_Sample Receiving Checklist
	Effective Date: 06/11/2024

Category	Size	Sample	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Soils Jars	(Circle Amb/Clear)	16oz Amb/Clear																				
Soils Jars	(Circle Amb/Clear)	8oz Amb/Clear																				
Soils Jars	(Circle Amb/Clear)	4oz Amb/Clear																				
Soils Jars	(Circle Amb/Clear)	2oz Amb/Clear																				
Ambers	1 Liter	Unpreserved																				
Ambers	1 Liter	HCL																				
Ambers	1 Liter	Sulfuric																				
Ambers	250mL	Sulfuric																				
Ambers	250mL	Phosphoric																				
Ambers	250mL	HCl																				
Ambers	100mL	Unpreserved																				
Plastics	1 Liter	Unpreserved																				
Plastics	1 Liter	Sulfuric																				
Plastics	500mL	Unpreserved																				
Plastics	500mL	Sulfuric																				
Plastics	250mL	Unpreserved																				
Plastics	250mL	Trizma	2	1																		
Plastics	250mL	Sulfuric																				
Plastics	250mL	Nitric																				
Plastics	250mL	NaOH																				
Plastics	250mL	Ammonium Acetate																				
Plastics	250mL	NaOH/Zinc																				
VOA Vials		Unpreserved																				
VOA Vials		HCl																				
VOA Vials		MeOH																				
VOA Vials		D.I. Water																				
VOA Vials		BiSulfate																				
Other / Fill in		Col/Bact																				
Other / Fill in																						
Other / Fill in																						
Other / Fill in																						
Other / Fill in																						
Other / Fill in																						