



Quality Water Analysis

Corporate Headquarters
6571 Wilson Mills Road
Cleveland, Ohio 44143

Phone: 800-458-3330

This report package contains 47 pages.

This package contains reports from the following laboratories:

- National Testing Laboratories, Ltd. (9 pages)
- Pace Analytical Services, Inc.- Greensburg, PA (15 pages)
- Eurofins Eaton Analytical, Inc. (8 pages)
- con-test – East Longmeadow, MA (Pace Analytical) (14 pages)

NELAP accredited #E87753



ANALYTICAL REPORTS

SAMPLE CODE: 470251

11/21/2024

Customer: Mountain Park Springs
 Stewart Douglas
 2835 Lowery St
 Winston-Salem, NC 27101-6127

Source: Abingdon, VA
Source Type: Municipal Water
Brand Name: Mountain Park Distilled Water
Production Code: 28124
Container Size: 5 Gallon

Date/Time Received: 10/10/2024 09:30

Collected by: S. Douglas

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
Inorganic Analytes - Metals										
1002	Aluminum	200.7	0.2	mg/L	0.05	ND	1	10/14/2024 12:57		11/15/2024
1074	Antimony	200.8	0.006	mg/L	0.003	ND	1	10/14/2024 12:57		11/1/2024
1005	Arsenic	200.8	0.010	mg/L	0.002	ND	1	10/14/2024 12:57		11/1/2024
1010	Barium	200.7	2	mg/L	0.10	ND	1	10/14/2024 12:57		11/15/2024
1075	Beryllium	200.7	0.004	mg/L	0.001	ND	1	10/14/2024 12:57		11/15/2024
1079	Boron	200.7	--	mg/L	0.10	ND	1	10/14/2024 12:57		11/15/2024
1015	Cadmium	200.7	0.005	mg/L	0.001	ND	1	10/14/2024 12:57		11/15/2024
1016	Calcium	200.7	--	mg/L	2.0	ND	1	10/14/2024 12:57		11/15/2024
1020	Chromium	200.7	0.100	mg/L	0.007	ND	1	10/14/2024 12:57		11/15/2024
1022	Copper	200.7	1.0	mg/L	0.002	ND	1	10/14/2024 12:57		11/15/2024
1028	Iron	200.7	0.3	mg/L	0.020	ND	1	10/14/2024 12:57		11/15/2024
1030	Lead	200.8	0.015	mg/L	0.001	ND	1	10/14/2024 12:57		11/1/2024
1031	Magnesium	200.7	--	mg/L	0.10	ND	1	10/14/2024 12:57		11/15/2024
1032	Manganese	200.7	0.05	mg/L	0.004	ND	1	10/14/2024 12:57		11/15/2024
1035	Mercury	200.8	0.002	mg/L	0.0002	ND	1	10/14/2024 12:57		11/1/2024
1036	Nickel	200.7	--	mg/L	0.005	ND	1	10/14/2024 12:57		11/15/2024
1042	Potassium	200.7	--	mg/L	1.0	ND	1	10/14/2024 12:57		11/15/2024
1045	Selenium	200.8	0.05	mg/L	0.002	ND	1	10/14/2024 12:57		11/1/2024
1049	Silica	200.7	--	mg/L	0.05	ND	1	10/14/2024 12:57		11/15/2024

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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: 470251

11/21/2024

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	10/14/2024 12:57		11/15/2024
1052	Sodium	200.7	--	mg/L	1	ND	1	10/14/2024 12:57		11/15/2024
1085	Thallium	200.8	0.002	mg/L	0.001	ND	1	10/14/2024 12:57		11/1/2024
4006	Uranium	200.8	0.030	mg/L	0.001	ND	1	10/14/2024 12:57		11/1/2024
1095	Zinc	200.7	5.000	mg/L	0.004	ND	1	10/14/2024 12:57		11/15/2024
Physical Factors										
1927	Alkalinity (Total as CaCO3)	2320B	--	mg/L	20	ND	1	10/14/2024 12:57		10/21/2024
1905	Apparent Color	2120B	15	CU	3	ND	1	10/14/2024 12:57		10/14/2024 15:35
1910	Corrosivity	2330B	--	SI		-5.42	R2 1	10/14/2024 12:57		11/15/2024
2905	Foaming Agents	5540C	0.5	mg/L	0.1	ND	1	10/14/2024 12:57		10/16/2024 11:35
MBAS, calculated as Linear Alkylate Sulfonate (LAS), mol wt of 342.4 g/mole										
1915	Hardness	2340B	--	mg/L	5.0	ND	1	10/14/2024 12:57		11/15/2024
1920	Odor Temperature	2150B	--	Deg, C		20	1	10/14/2024 12:57		10/14/2024 15:10
1920	Odor Threshold	2150B	3	ton	1	ND	1	10/14/2024 12:57		10/14/2024 15:10
1925	pH	150.1	5-7	pH Units		5.7	1	10/14/2024 12:57		10/14/2024 15:25
4254	pH Temperature	150.1	--	Deg, C		26	1	10/14/2024 12:57		10/14/2024 15:25
1930	Total Dissolved Solids	2540C	500	mg/L	5	ND	1	10/14/2024 12:57		10/17/2024
0100	Turbidity	2130B	1	NTU	0.1	ND	1	10/14/2024 12:57		10/14/2024 15:30
Inorganic Analytes - Other										
1011	Bromate	300.1	0.010	mg/L	0.005	ND	1	10/14/2024 12:57		10/21/2024
1004	Bromide	300.1	--	mg/L	0.005	ND	1	10/14/2024 12:57		10/21/2024
1006	Chloramine as Cl2	4500Cl-G	4.0	mg/L	0.05	ND	1	10/14/2024 12:57		10/14/2024 15:04
1017	Chloride	300.0	250	mg/L	1.0	ND	1	10/14/2024 12:57		10/15/2024 13:09
1012	Chlorine as Cl2	4500Cl-G	4.0	mg/L	0.05	ND	1	10/14/2024 12:57		10/14/2024 15:00
1008	Chlorine Dioxide as ClO2	4500ClO2D	0.8	mg/L	0.1	ND	1	10/14/2024 12:57		10/14/2024 15:05
1009	Chlorite	300.1	1.0	mg/L	0.005	ND	1	10/14/2024 12:57		10/21/2024
1025	Fluoride	300.0	4.0	mg/L	0.10	ND	1	10/14/2024 12:57		10/15/2024 13:09
1040	Nitrate as N	300.0	10	mg/L	0.05	ND	1	10/14/2024 12:57		10/15/2024 13:09
1041	Nitrite as N	300.0	1	mg/L	0.05	ND	1	10/14/2024 12:57		10/15/2024 13:09
1044	Ortho Phosphate	300.0	--	mg/L	2.0	ND	1	10/14/2024 12:57		10/15/2024 13:09
1055	Sulfate	300.0	250	mg/L	5.0	ND	1	10/14/2024 12:57		10/15/2024 13:09
Organic Analytes - Trihalomethanes										
2943	Bromodichloromethane	524.2 THMs	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2942	Bromoform	524.2 THMs	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2941	Chloroform	524.2 THMs	--	mg/L	0.0005	0.0130	1	10/14/2024 12:57		10/14/2024
2944	Dibromochloromethane	524.2 THMs	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2950	Total THMs	524.2 THMs	0.080	mg/L	0.0005	0.0130	1	10/14/2024 12:57		10/14/2024
Organic Analytes - Haloacetic Acids										

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ANALYTICAL REPORTS

SAMPLE CODE: 470251

11/21/2024

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
2454	Dibromoacetic Acid	552.2 HAAs --		ug/L	1.0	ND	1	10/14/2024 12:57	10/15/2024	10/23/2024
2451	Dichloroacetic Acid	552.2 HAAs --		ug/L	1.0	ND	1	10/14/2024 12:57	10/15/2024	10/23/2024
2453	Monobromoacetic Acid	552.2 HAAs --		ug/L	1.0	ND	1	10/14/2024 12:57	10/15/2024	10/23/2024
2450	Monochloroacetic Acid	552.2 HAAs --		ug/L	1.0	ND	1	10/14/2024 12:57	10/15/2024	10/23/2024
2452	Trichloroacetic Acid	552.2 HAAs --		ug/L	1.0	ND	1	10/14/2024 12:57	10/15/2024	10/23/2024
2456	Total HAAs	552.2 HAAs 60		ug/L	1.0	ND	1	10/14/2024 12:57	10/15/2024	10/23/2024
Organic Analytes - Volatiles										
2986	1,1,1,2-Tetrachloroethane	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2981	1,1,1-Trichloroethane	524.2	0.2	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2988	1,1,2,2-Tetrachloroethane	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2985	1,1,2-Trichloroethane	524.2	0.005	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2978	1,1-Dichloroethane	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2977	1,1-Dichloroethene	524.2	0.007	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2410	1,1-Dichloropropene	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2420	1,2,3-Trichlorobenzene	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2414	1,2,3-Trichloropropane	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2378	1,2,4-Trichlorobenzene	524.2	0.07	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2418	1,2,4-Trimethylbenzene	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2968	1,2-Dichlorobenzene	524.2	0.6	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2980	1,2-Dichloroethane	524.2	0.005	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2983	1,2-Dichloropropane	524.2	0.005	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2424	1,3,5-Trimethylbenzene	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2967	1,3-Dichlorobenzene	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2412	1,3-Dichloropropane	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2969	1,4-Dichlorobenzene	524.2	0.075	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2416	2,2-Dichloropropane	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2965	2-Chlorotoluene	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2966	4-Chlorotoluene	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2030	4-Isopropyltoluene	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2990	Benzene	524.2	0.005	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2993	Bromobenzene	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2430	Bromochloromethane	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2214	Bromomethane	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2982	Carbon Tetrachloride	524.2	0.005	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2989	Chlorobenzene	524.2	0.1	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2216	Chloroethane	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2210	Chloromethane	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2380	cis-1,2-Dichloroethene	524.2	0.07	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2228	cis-1,3-Dichloropropene	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2408	Dibromomethane	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024

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ANALYTICAL REPORTS

SAMPLE CODE: 470251

11/21/2024

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
2212	Dichlorodifluoromethane	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2964	Dichloromethane	524.2	0.005	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2992	Ethylbenzene	524.2	0.7	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2246	Hexachlorobutadiene	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2994	Isopropylbenzene	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2251	Methyl Tert Butyl Ether	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2247	Methyl-Ethyl Ketone	524.2	--	mg/L	0.005	ND	R2 1	10/14/2024 12:57		10/14/2024
2248	Naphthalene	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2422	n-Butylbenzene	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2997	o-Xylene	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2963	p and m-Xylenes	524.2	--	mg/L	0.0010	ND	1	10/14/2024 12:57		10/14/2024
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	10/14/2024 12:57		10/14/2024
2428	sec-Butylbenzene	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2996	Styrene	524.2	0.1	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2426	tert-Butylbenzene	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2987	Tetrachloroethene	524.2	0.005	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2991	Toluene	524.2	1	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2979	trans-1,2-Dichloroethene	524.2	0.1	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2224	trans-1,3-Dichloropropene	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2984	Trichloroethene	524.2	0.005	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2218	Trichlorofluoromethane	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2904	Trichlorotrifluoroethane	524.2	--	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2976	Vinyl Chloride	524.2	0.002	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
2955	Xylenes (Total)	524.2	10	mg/L	0.0005	ND	1	10/14/2024 12:57		10/14/2024
Organic Analytes - Others										
2414	1,2,3-Trichloropropane	504.1	0.00003	mg/L	0.00001	ND	1	10/14/2024 12:57	10/21/2024	10/21/2024
2931	1,2-Dibromo-3-chloropropane	504.1	0.0002	mg/L	0.00001	ND	1	10/14/2024 12:57	10/21/2024	10/21/2024
2946	1,2-Dibromoethane	504.1	0.00005	mg/L	0.00001	ND	1	10/14/2024 12:57	10/21/2024	10/21/2024
2105	2,4-D	515.4	70	ug/L	0.1	ND	1	10/14/2024 12:57	10/17/2024	10/24/2024
2066	3-Hydroxycarbofuran	531.2	--	ug/L	1.0	ND	1	10/14/2024 12:57		10/29/2024
2051	Alachlor	525.2	2	ug/L	0.2	ND	1	10/14/2024 12:57	10/17/2024	11/14/2024
2047	Aldicarb	531.2	7	ug/L	1.0	ND	1	10/14/2024 12:57		10/29/2024
2044	Aldicarb sulfone	531.2	7	ug/L	1.0	ND	1	10/14/2024 12:57		10/29/2024
2043	Aldicarb sulfoxide	531.2	7	ug/L	1.0	ND	1	10/14/2024 12:57		10/29/2024
2356	Aldrin	505	--	mg/L	0.00007	ND	1	10/14/2024 12:57	10/21/2024	10/21/2024
2050	Atrazine	525.2	3	ug/L	0.1	ND	1	10/14/2024 12:57	10/17/2024	11/14/2024
2625	Bentazon	515.4	--	ug/L	1	ND	1	10/14/2024 12:57	10/17/2024	10/24/2024
2306	Benzo(A)pyrene	525.2	0.2	ug/L	0.02	ND	1	10/14/2024 12:57	10/17/2024	11/14/2024
2076	Butachlor	525.2	--	ug/L	0.2	ND	1	10/14/2024 12:57	10/17/2024	11/14/2024
2021	Carbaryl	531.2	--	ug/L	1.0	ND	1	10/14/2024 12:57		10/29/2024

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ANALYTICAL REPORTS

SAMPLE CODE: 470251

11/21/2024

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
2046	Carbofuran	531.2	40	ug/L	1.0	ND	1	10/14/2024 12:57		10/29/2024
2959	Chlordane	505	0.002	mg/L	0.0001	ND	1	10/14/2024 12:57	10/21/2024	10/21/2024
2031	Dalapon	515.4	200	ug/L	1	ND	1	10/14/2024 12:57	10/17/2024	10/24/2024
2035	Di(2-ethylhexyl) adipate	525.2	400	ug/L	0.2	ND	1	10/14/2024 12:57	10/17/2024	11/14/2024
2039	Di(2-ethylhexyl) phthalate	525.2	6	ug/L	0.6	ND	1	10/14/2024 12:57	10/17/2024	11/14/2024
2440	Dicamba	515.4	--	ug/L	1	ND	1	10/14/2024 12:57	10/17/2024	10/24/2024
2933	Dichloran	505	--	mg/L	0.001	ND	1	10/14/2024 12:57	10/21/2024	10/21/2024
2070	Dieldrin	505	--	mg/L	0.00002	ND	1	10/14/2024 12:57	10/21/2024	10/21/2024
2041	Dinoseb	515.4	7	ug/L	0.2	ND	1	10/14/2024 12:57	10/17/2024	10/24/2024
2005	Endrin	505	0.002	mg/L	0.00001	ND	1	10/14/2024 12:57	10/21/2024	10/21/2024
2065	Heptachlor	505	0.0004	mg/L	0.00001	ND	1	10/14/2024 12:57	10/21/2024	10/21/2024
2067	Heptachlor Epoxide	505	0.0002	mg/L	0.00001	ND	1	10/14/2024 12:57	10/21/2024	10/21/2024
2274	Hexachlorobenzene	505	0.001	mg/L	0.0001	ND	1	10/14/2024 12:57	10/21/2024	10/21/2024
2042	Hexachlorocyclopentadiene	505	0.05	mg/L	0.0001	ND	1	10/14/2024 12:57	10/21/2024	10/21/2024
2010	Lindane	505	0.0002	mg/L	0.00002	ND	1	10/14/2024 12:57	10/21/2024	10/21/2024
2022	Methomyl	531.2	--	ug/L	1.0	ND	1	10/14/2024 12:57		10/29/2024
2015	Methoxychlor	505	0.04	mg/L	0.0001	ND	1	10/14/2024 12:57	10/21/2024	10/21/2024
2045	Metolachlor	525.2	--	ug/L	0.2	ND	1	10/14/2024 12:57	10/17/2024	11/14/2024
2595	Metribuzin	525.2	--	ug/L	0.2	ND	1	10/14/2024 12:57	10/17/2024	11/14/2024
2626	Molinate	525.2	--	ug/L	0.2	ND	1	10/14/2024 12:57	10/17/2024	11/14/2024
2036	Oxamyl	531.2	200	ug/L	1.0	ND	1	10/14/2024 12:57		10/29/2024
2934	Pentachloronitrobenzene	505	--	mg/L	0.0001	ND	1	10/14/2024 12:57	10/21/2024	10/21/2024
2326	Pentachlorophenol	515.4	1	ug/L	0.04	ND	1	10/14/2024 12:57	10/17/2024	10/24/2024
2040	Picloram	515.4	500	ug/L	0.1	ND	1	10/14/2024 12:57	10/17/2024	10/24/2024
2077	Propachlor	525.2	--	ug/L	0.2	ND	1	10/14/2024 12:57	10/17/2024	11/14/2024
2110	Silvex 2,4,5-TP	515.4	50	ug/L	0.2	ND	1	10/14/2024 12:57	10/17/2024	10/24/2024
2037	Simazine	525.2	4	ug/L	0.07	ND	1	10/14/2024 12:57	10/17/2024	11/14/2024
2627	Thiobencarb	525.2	--	ug/L	0.2	ND	1	10/14/2024 12:57	10/17/2024	11/14/2024
2383	Total PCBs	505	0.0005	mg/L	0.0005	ND	1	10/14/2024 12:57	10/21/2024	10/21/2024
2910	Total Phenols	420.4	--	mg/L	0.001	ND	R2 1	10/14/2024 12:57		10/15/2024
2020	Toxaphene	505	0.003	mg/L	0.001	ND	1	10/14/2024 12:57	10/21/2024	10/21/2024
2055	Trifluralin	505	--	mg/L	0.001	ND	1	10/14/2024 12:57	10/21/2024	10/21/2024

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: 470251

11/21/2024

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,150.1,2130B
CF	2540C
SG	300.1,300.0
DHG	4500CI-G,4500CI02D,420.4
SB	524.2 THMs,524.2,531.2
BNF	552.2 HAAs,504.1,515.4,505
JLF	525.2



Christine MacMillan, Technical Director

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ANALYTICAL REPORTS

SAMPLE CODE: 470252

11/21/2024

Customer: Mountain Park Springs
 Stewart Douglas
 2835 Lowery St
 Winston-Salem, NC 27101-6127

Source: Abingdon, VA
Source Type: Municipal Water
Brand Name: Mountain Park Distilled Water
Production Code: 28124
Container Size: 5 Gallon

Date/Time Received: 10/10/2024 09:30

Collected by: S. Douglas

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										
3100	Total Coliform by P/A	9223B	--	P/A	--	--	1	10/14/2024 12:57		10/14/2024 16:23
Total Coliform and E.coli were ABSENT in this sample.										
USP XXIII										
1003	Ammonia (as NH3)	USP XXIII	--	Pass/Fail		Pass	R2 1	10/14/2024 12:57		10/16/2024
1016	Calcium	USP XXIII	--	Pass/Fail		Pass	R2 1	10/14/2024 12:57		10/16/2024
1901	Carbon Dioxide (Free CO2)	USP XXIII	--	Pass/Fail		Pass	R2 1	10/14/2024 12:57		10/16/2024
1017	Chloride	USP XXIII	--	Pass/Fail		Pass	R2 1	10/14/2024 12:57		10/16/2024
	Heavy Metals (USP)	USP XXIII	--	Pass/Fail		Pass	R2 1	10/14/2024 12:57		10/16/2024
	Oxidizables (USP)	USP XXIII	--	Pass/Fail		Pass	R2 1	10/14/2024 12:57		10/16/2024
1925	pH	USP XXIII	--	pH Units		5.7	R2 1	10/14/2024 12:57		10/14/2024 15:25
1055	Sulfate	USP XXIII	--	Pass/Fail		Pass	R2 1	10/14/2024 12:57		10/16/2024
	Total Solids	USP XXIII	10	mg/L	10	ND	R2 1	10/14/2024 12:57		10/15/2024

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: 470252

11/21/2024

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



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

Sarah Buchanan, Project Manager

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ANALYTICAL REPORTS

SAMPLE CODE: 470250

11/21/2024

Customer: Mountain Park Springs
 Stewart Douglas
 2835 Lowery St
 Winston-Salem, NC 27101-6127

Source: Abingdon, VA
Source Type: Municipal Water
Brand Name: Mountain Park Distilled Water
Production Code: 28124
Container Size: 5 Gallon

Date/Time Received: 10/10/2024 09:30

Collected by: S. Douglas

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	10/14/2024 12:57		10/15/2024 13:00
3001	Standard Plate Count	9215B	500	CFU/ml	1	17	A6	10/14/2024 12:57		10/15/2024 12:20
Pour Plate Method, 35°C/48hr, Plate Count Agar										
3000	Total Coliform	9223B	1	MPN/100 mL	1	ND	1	10/14/2024 12:57		10/15/2024 13:00

Qualifiers:

A6: The colony count for SPC bacteria is outside the method specifications and the result should be considered as estimated CFU per milliliter.

Analyst	Tests
GK	9223B,9215B

Megan Gregg

Megan Gregg, Quality System Manager

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PROJECT NARRATIVE

Project: 2250140
Pace Project No.: 30726609

Method: EPA 900.0
Description: 900.0 Gross Alpha/Beta
Client: National Testing Laboratories, Ltd.
Date: November 05, 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:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 2250140
Pace Project No.: 30726609

Method: EPA 903.1
Description: 903.1 Radium 226, DW
Client: National Testing Laboratories, Ltd.
Date: November 05, 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:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 2250140
Pace Project No.: 30726609

Method: EPA 904.0
Description: 904.0 Radium 228, DW
Client: National Testing Laboratories, Ltd.
Date: November 05, 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:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 2250140
Pace Project No.: 30726609

Method: Total Radium Calculation
Description: Total Radium 228+226
Client: National Testing Laboratories, Ltd.
Date: November 05, 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.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 2250140
 Pace Project No.: 30726609

Sample: 470251 **Lab ID: 30726609001** Collected: 10/14/24 12:57 Received: 10/16/24 09:50 Matrix: Drinking Water
 PWS: Site ID: Sample Type:

- Comments:
- FINISHED PRODUCT, Abingdon, VA, Abingdon, VA
 - Mountain Park Distilled Water, Prod. code: 28124, Cont. size: 18.9 L / 5 Gallon
 - sample opened 10/14/24 @ 12:57 by AM
 - 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, 2.5 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 preserved 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						
Gross Alpha	EPA 900.0	-1.28 ± 0.232 (2.17) C:NA T:NA	pCi/L	11/01/24 08:15	12587-46-1	
Gross Beta	EPA 900.0	0.774 ± 0.701 (1.55) C:NA T:NA	pCi/L	11/01/24 08:15	12587-47-2	
Pace Analytical Services - Greensburg						
Radium-226	EPA 903.1	-0.114 ± 0.353 (0.804) C:NA T:94%	pCi/L	10/31/24 13:29	13982-63-3	
Pace Analytical Services - Greensburg						
Radium-228	EPA 904.0	0.626 ± 0.359 (0.684) C:77% T:88%	pCi/L	10/31/24 11:12	15262-20-1	
Pace Analytical Services - Greensburg						
Total Radium	Total Radium Calculation	0.626 ± 0.712 (1.49)	pCi/L	11/01/24 14:15	7440-14-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 2250140
 Pace Project No.: 30726609

QC Batch: 703582	Analysis Method: EPA 900.0
QC Batch Method: EPA 900.0	Analysis Description: 900.0 Gross Alpha/Beta
	Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 30726609001

METHOD BLANK: 3426266 Matrix: Water

Associated Lab Samples: 30726609001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Gross Alpha	-0.367 ± 0.452 (1.71) C:NA T:NA	pCi/L	10/31/24 08:36	
Gross Beta	0.876 ± 0.703 (1.39) C:NA T:NA	pCi/L	10/31/24 08:36	

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

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 2250140
 Pace Project No.: 30726609

QC Batch: 703567	Analysis Method: EPA 904.0
QC Batch Method: EPA 904.0	Analysis Description: 904.0 Radium 228, DW
	Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 30726609001

METHOD BLANK: 3426136 Matrix: Drinking Water

Associated Lab Samples: 30726609001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.241 ± 0.339 (0.732) C:80% T:80%	pCi/L	10/31/24 11:11	

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

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 2250140
 Pace Project No.: 30726609

QC Batch: 703566	Analysis Method: EPA 903.1
QC Batch Method: EPA 903.1	Analysis Description: 903.1 Radium-226, DW
	Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 30726609001

METHOD BLANK: 3426133 Matrix: Drinking Water

Associated Lab Samples: 30726609001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.333 ± 0.247 (0.129) C:NA T:92%	pCi/L	10/31/24 13:29	

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

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QUALIFIERS

Project: 2250140
Pace Project No.: 30726609

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.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2250140
Pace Project No.: 30726609

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30726609001	470251	EPA 900.0	703582		
30726609001	470251	EPA 903.1	703566		
30726609001	470251	EPA 904.0	703567		
30726609001	470251	Total Radium Calculation	706821		

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2250140
Pace Project No.: 30726609

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

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2250140
Pace Project No.: 30726609

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30726609001	470251	Drinking Water	10/14/24 12:57	10/16/24 09:50

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2250140
Pace Project No.: 30726609

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30726609001	470251	EPA 900.0	KET	2	PASI-PA
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA

PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

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Quality Water Analysis

1-800-458-3330

WO#: 30726609

PM: CMC
CLIENT: NTL

Due Date: 11/06/24

TSR: SBW

Beverage - Finished Product

Order Number: 2250140

Order Date: 9/17/2024 470251

Sample Number:

Product: FDATABASE DR

Paid: No Method: Purchase Order

P.O.: Winston-Salem, NC

Winston-Salem

NC 27101-6127

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

Client Name: _____

Phone Number: _____

Fax Number: _____

PWS ID# (if applicable): _____

Source Type: Spring Well Municipal

Other: Abingdon VA

Source Name: Mountain Park Springs

(Source Information is REQUIRED for All Finished Products)

City & State: Bobson, NC Abingdon, VA

(If Different than Above)

Product Collected By: [Signature]

(Signature)

Product Collected By: Stewart Douglas

(Please Print)

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

Container Size: 18.9 L / 5 Gallons

Production Code/Lot Number: 28/24

Form Completed By: Stewart Douglas

Additional Comments:

For Laboratory Use ONLY

Lab Accounting Information:

Payment \$: _____

Check #: _____

Lab Comments/Special Instructions:

Distilled Product

Rads

State Forms:

Lab Sample Information:

Date Received: RECEIVED OCT 10 2024

Time Received: 0930

Received By: AB

Date Opened: OCT 14 2024

Time Opened: 12:57

Opened By: A Montgomery

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: _____

Pace ANALYTICAL SERVICES

DC#_Title: ENV-FRM-GBUR-0088 v07_Sample Co
Greensburg

Effective Date: 01/04/2024

W0#: 30726609

PM: CMC Due Date: 11/06/24

CLIENT: NTL

Client Name: NTL Proj:

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking Number: 1Z A1V931 01 7473 6264

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

Initial / Date

Examined By: EL 10/16/24

Labeled By: EL 10/16/24

Temped By: _____

Comments:	Yes	No	NA	pH paper Lot#	D.P.D. Residual Chlorine Lot #
				10/1041	
Chain of Custody Present	/			1.	
Chain of Custody Filled Out: -Were client corrections present on COC	/			2.	
Chain of Custody Relinquished	/			3.	
Sampler Name & Signature on COC:	/			4.	
Sample Labels match COC: -Includes date/time/ID Matrix: <u>DW</u>	/			5.	<u>No sample collection date/time on sample labels</u>
Samples Arrived within Hold Time:	/			6.	
Short Hold Time Analysis (<72hr remaining):	/			7.	
Rush Turn Around Time Requested:	/			8.	
Sufficient Volume:	/			9.	
Correct Containers Used: -Pace Containers Used	/			10.	
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: exceptions: VOA, coliform, TOC, O&G, Phenolics, Radon, non-aqueous matrix	/			16.	<u>Added 2.5mL HNO3 to each of the 3 BPIUs provided</u>
All containers meet method preservation requirements:	/			Initial when completed <u>EL</u>	Date/Time of Preservation 10/16/24 1123
				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 <u>EL</u>	Date: 10/16/24 Survey Meter SN: 25014380
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. Qualtrax ID: 55680

Case Narrative

Client: National Testing Laboratories, Ltd
Project: 470251 / 2250140

Job ID: 810-124567-1

Job ID: 810-124567-1

Eurofins Eaton Analytical South Bend

Job Narrative 810-124567-1

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 10/16/2024 9:00 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.

General Chemistry

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



Client Sample Results

Client: National Testing Laboratories, Ltd
Project/Site: 470251 / 2250140

Job ID: 810-124567-1

Client Sample ID: 470251 / 2250140

Lab Sample ID: 810-124567-1

Date Collected: 10/14/24 12:57

Matrix: Drinking Water

Date Received: 10/16/24 09:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (EPA 335.4)	<0.0050		0.0050		mg/L		10/17/24 09:38	10/17/24 11:09	1



Definitions/Glossary

Client: National Testing Laboratories, Ltd
Project/Site: 470251 / 2250140

Job ID: 810-124567-1

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: 470251 / 2250140

Job ID: 810-124567-1

Client Sample ID: 470251 / 2250140

Lab Sample ID: 810-124567-1

Date Collected: 10/14/24 12:57

Matrix: Drinking Water

Date Received: 10/16/24 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	Distill/CN			119257	KH	EA SB	10/17/24 09:38
Total/NA	Analysis	335.4		1	119308	KH	EA SB	10/17/24 11:09

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: 470251 / 2250140

Job ID: 810-124567-1



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
335.4	Distill/CN	Drinking Water	Cyanide, Total

Method Summary

Client: National Testing Laboratories, Ltd
Project/Site: 470251 / 2250140

Job ID: 810-124567-1

Method	Method Description	Protocol	Laboratory
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: 470251 / 2250140

Job ID: 810-124567-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
810-124567-1	470251 / 2250140	Drinking Water	10/14/24 12:57	10/16/24 09:00

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11



Quality Water Analysis

1-800-458-3330

Beverage - Finished Product

Order Number: 2250140
Order Date: 9/17/2024 470251
Sample Number:

Product: FDATABASE DR

Paid: No Method: Purchase P.O.: Winston-Salem, NC
Order

TSR: SBW

Winston-Salem

NC 27101-6127

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

Client Name: _____

Phone Number: _____

Fax Number: _____

PWS ID# (if applicable): _____

Source Type: Spring Well Municipal
 Other: _____

Source Name: Abingdon VA
Mountain Park Springs

(Source Information is REQUIRED for All Finished Products)

City & State: Bobson, NC Abingdon, VA
(If Different than Above)

Product Collected By: _____
(Signature)

Product Collected By: Stewart Douglas
(Please Print)

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

Container Size: 18.9 L / 5 Gallons

Production Code/Lot Number: 28/24

Form Completed By: Stewart Douglas

Additional Comments: _____

For Laboratory Use ONLY

Lab Accounting Information:
Payment \$: _____
Check #: _____

Lab Comments/Special Instructions:
Distilled Product
Cn
State Forms: _____

Lab Sample Information:
Date Received: RECEIVED OCT 10 2024
Time Received: _____ : 0930
Received By: AB
Date Opened: OCT 14 2024
Time Opened: 12:57
Opened By: A Montgomery
 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: _____

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



October 24, 2024

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

Project Location: 2250140
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 24J2387

Enclosed are results of analyses for samples as received by the laboratory on October 16, 2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Karriem G. Marius
Project Manager

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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: 10/24/2024

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 24J2387

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

PROJECT LOCATION: 2250140

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
470253	24J2387-01	Drinking Water		EPA 537.1	
470253 FB	24J2387-02	Field Blank		EPA 537.1	



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.

A handwritten signature in black ink, appearing to read "Lisa A. Worthington". The signature is fluid and cursive.

Lisa A. Worthington
Technical Representative

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

Project Location: 2250140

Sample Description:

Work Order: 24J2387

Date Received: 10/16/2024

Field Sample #: 470253

Sampled: 10/14/2024 12:57

Sample ID: 24J2387-01

Sample Matrix: Drinking Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	MCL/SMCL		DF	Flag/Qual	Method	Date	Date/Time	Analyst
				MA	ORSG				Prepared	Analyzed	
Perfluorobutanesulfonic acid (PFBS)	ND	1.9	0.76		ng/L	1		EPA 537.1	10/21/24	10/22/24 19:53	CML
Perfluorohexanoic acid (PFHxA)	ND	1.9	1.0		ng/L	1		EPA 537.1	10/21/24	10/22/24 19:53	CML
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.91		ng/L	1		EPA 537.1	10/21/24	10/22/24 19:53	CML
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.93		ng/L	1		EPA 537.1	10/21/24	10/22/24 19:53	CML
Perfluorooctanoic acid (PFOA)	ND	1.9	1.1		ng/L	1		EPA 537.1	10/21/24	10/22/24 19:53	CML
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.85		ng/L	1		EPA 537.1	10/21/24	10/22/24 19:53	CML
Perfluorononanoic acid (PFNA)	ND	1.9	0.94		ng/L	1		EPA 537.1	10/21/24	10/22/24 19:53	CML
Perfluorodecanoic acid (PFDA)	ND	1.9	0.92		ng/L	1		EPA 537.1	10/21/24	10/22/24 19:53	CML
N-EtFOSAA (NEtFOSAA)	ND	1.9	0.86		ng/L	1		EPA 537.1	10/21/24	10/22/24 19:53	CML
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.90		ng/L	1		EPA 537.1	10/21/24	10/22/24 19:53	CML
N-MeFOSAA (NMeFOSAA)	ND	1.9	0.82		ng/L	1		EPA 537.1	10/21/24	10/22/24 19:53	CML
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.86		ng/L	1		EPA 537.1	10/21/24	10/22/24 19:53	CML
Perfluorotridecanoic acid (PFTTrDA)	ND	1.9	0.85		ng/L	1		EPA 537.1	10/21/24	10/22/24 19:53	CML
Perfluorotetradecanoic acid (PFTA)	ND	1.9	0.84		ng/L	1		EPA 537.1	10/21/24	10/22/24 19:53	CML
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	1.4		ng/L	1		EPA 537.1	10/21/24	10/22/24 19:53	CML
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.72		ng/L	1		EPA 537.1	10/21/24	10/22/24 19:53	CML
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.81		ng/L	1		EPA 537.1	10/21/24	10/22/24 19:53	CML
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.95		ng/L	1		EPA 537.1	10/21/24	10/22/24 19:53	CML

Surrogates	% Recovery	Recovery Limits	Flag/Qual
13C-PFHxA	97.8	70-130	10/22/24 19:53
M3HFPO-DA	101	70-130	10/22/24 19:53
13C-PFDA	99.2	70-130	10/22/24 19:53
D5-NEtFOSAA	104	70-130	10/22/24 19:53

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

Project Location: 2250140

Sample Description:

Work Order: 24J2387

Date Received: 10/16/2024

Field Sample #: 470253 FB

Sampled: 10/14/2024 12:57

Sample ID: 24J2387-02

Sample Matrix: Field Blank

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanesulfonic acid (PFBS)	ND	2.1	0.85	ng/L	1		EPA 537.1	10/21/24	10/22/24 20:17	CML
Perfluorohexanoic acid (PFHxA)	ND	2.1	1.1	ng/L	1		EPA 537.1	10/21/24	10/22/24 20:17	CML
Perfluorohexanesulfonic acid (PFHxS)	ND	2.1	1.0	ng/L	1		EPA 537.1	10/21/24	10/22/24 20:17	CML
Perfluoroheptanoic acid (PFHpA)	ND	2.1	1.0	ng/L	1		EPA 537.1	10/21/24	10/22/24 20:17	CML
Perfluorooctanoic acid (PFOA)	ND	2.1	1.2	ng/L	1		EPA 537.1	10/21/24	10/22/24 20:17	CML
Perfluorooctanesulfonic acid (PFOS)	ND	2.1	0.95	ng/L	1		EPA 537.1	10/21/24	10/22/24 20:17	CML
Perfluorononanoic acid (PFNA)	ND	2.1	1.0	ng/L	1		EPA 537.1	10/21/24	10/22/24 20:17	CML
Perfluorodecanoic acid (PFDA)	ND	2.1	1.0	ng/L	1		EPA 537.1	10/21/24	10/22/24 20:17	CML
N-EtFOSAA (NEtFOSAA)	ND	2.1	0.96	ng/L	1		EPA 537.1	10/21/24	10/22/24 20:17	CML
Perfluoroundecanoic acid (PFUnA)	ND	2.1	1.0	ng/L	1		EPA 537.1	10/21/24	10/22/24 20:17	CML
N-MeFOSAA (NMeFOSAA)	ND	2.1	0.92	ng/L	1		EPA 537.1	10/21/24	10/22/24 20:17	CML
Perfluorododecanoic acid (PFDoA)	ND	2.1	0.97	ng/L	1		EPA 537.1	10/21/24	10/22/24 20:17	CML
Perfluorotridecanoic acid (PFTrDA)	ND	2.1	0.95	ng/L	1		EPA 537.1	10/21/24	10/22/24 20:17	CML
Perfluorotetradecanoic acid (PFTA)	ND	2.1	0.94	ng/L	1		EPA 537.1	10/21/24	10/22/24 20:17	CML
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.1	1.5	ng/L	1		EPA 537.1	10/21/24	10/22/24 20:17	CML
11Cl-PF3OUdS (F53B Major)	ND	2.1	0.81	ng/L	1		EPA 537.1	10/21/24	10/22/24 20:17	CML
9Cl-PF3ONS (F53B Minor)	ND	2.1	0.90	ng/L	1		EPA 537.1	10/21/24	10/22/24 20:17	CML
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.1	1.1	ng/L	1		EPA 537.1	10/21/24	10/22/24 20:17	CML

Surrogates	% Recovery	Recovery Limits	Flag/Qual
13C-PFHxA	95.8	70-130	10/22/24 20:17
M3HFPO-DA	97.3	70-130	10/22/24 20:17
13C-PFDA	100	70-130	10/22/24 20:17
D5-NEtFOSAA	103	70-130	10/22/24 20:17

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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
24J2387-01 [470253]	B389887	270	1.00	10/21/24
24J2387-02 [470253 FB]	B389887	242	1.00	10/21/24

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

QUALITY CONTROL
Semivolatiles 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 B389887 - EPA 537.1											
Blank (B389887-BLK1)											
						Prepared: 10/21/24 Analyzed: 10/22/24					
Perfluorobutanesulfonic acid (PFBS)	ND	1.8	0.74	ng/L							
Perfluorohexanoic acid (PFHxA)	ND	1.8	0.98	ng/L							
Perfluorohexanesulfonic acid (PFHxS)	ND	1.8	0.89	ng/L							
Perfluoroheptanoic acid (PFHpA)	ND	1.8	0.92	ng/L							
Perfluorooctanoic acid (PFOA)	ND	1.8	1.1	ng/L							
Perfluorooctanesulfonic acid (PFOS)	ND	1.8	0.83	ng/L							
Perfluorononanoic acid (PFNA)	ND	1.8	0.92	ng/L							
Perfluorodecanoic acid (PFDA)	ND	1.8	0.90	ng/L							
N-EtFOSAA (NEtFOSAA)	ND	1.8	0.84	ng/L							
Perfluoroundecanoic acid (PFUnA)	ND	1.8	0.89	ng/L							
N-MeFOSAA (NMeFOSAA)	ND	1.8	0.81	ng/L							
Perfluorododecanoic acid (PFDoA)	ND	1.8	0.85	ng/L							
Perfluorotridecanoic acid (PFTrDA)	ND	1.8	0.83	ng/L							
Perfluorotetradecanoic acid (PFTA)	ND	1.8	0.83	ng/L							
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	1.3	ng/L							
11Cl-PF3OUdS (F53B Major)	ND	1.8	0.71	ng/L							
9Cl-PF3ONS (F53B Minor)	ND	1.8	0.79	ng/L							
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8	0.93	ng/L							
Surrogate: 13C-PFHxA	36.4			ng/L	36.33		100	70-130			
Surrogate: M3HFPO-DA	37.3			ng/L	36.33		103	70-130			
Surrogate: 13C-PFDA	36.7			ng/L	36.33		101	70-130			
Surrogate: D5-NEtFOSAA	147			ng/L	145.3		101	70-130			
LCS (B389887-BS1)											
						Prepared: 10/21/24 Analyzed: 10/22/24					
Perfluorobutanesulfonic acid (PFBS)	1.30	1.9	0.76	ng/L	1.653		78.9	50-150			J
Perfluorohexanoic acid (PFHxA)	1.52	1.9	1.0	ng/L	1.863		81.6	50-150			J
Perfluorohexanesulfonic acid (PFHxS)	1.43	1.9	0.92	ng/L	1.703		83.8	50-150			J
Perfluoroheptanoic acid (PFHpA)	1.48	1.9	0.94	ng/L	1.863		79.5	50-150			J
Perfluorooctanoic acid (PFOA)	1.55	1.9	1.1	ng/L	1.863		83.2	50-150			J
Perfluorooctanesulfonic acid (PFOS)	1.54	1.9	0.85	ng/L	1.729		89.1	50-150			J
Perfluorononanoic acid (PFNA)	1.74	1.9	0.94	ng/L	1.863		93.4	50-150			J
Perfluorodecanoic acid (PFDA)	1.68	1.9	0.92	ng/L	1.863		90.2	50-150			J
N-EtFOSAA (NEtFOSAA)	1.42	1.9	0.86	ng/L	1.863		76.2	50-150			J
Perfluoroundecanoic acid (PFUnA)	1.46	1.9	0.91	ng/L	1.863		78.2	50-150			J
N-MeFOSAA (NMeFOSAA)	1.48	1.9	0.83	ng/L	1.863		79.2	50-150			J
Perfluorododecanoic acid (PFDoA)	1.48	1.9	0.87	ng/L	1.863		79.3	50-150			J
Perfluorotridecanoic acid (PFTrDA)	1.43	1.9	0.86	ng/L	1.863		77.0	50-150			J
Perfluorotetradecanoic acid (PFTA)	1.40	1.9	0.85	ng/L	1.863		75.3	50-150			J
Hexafluoropropylene oxide dimer acid (HFPO-DA)	1.65	1.9	1.4	ng/L	1.863		88.8	50-150			J
11Cl-PF3OUdS (F53B Major)	1.39	1.9	0.73	ng/L	1.757		78.9	50-150			J
9Cl-PF3ONS (F53B Minor)	1.47	1.9	0.81	ng/L	1.738		84.4	50-150			J
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.48	1.9	0.96	ng/L	1.761		84.0	50-150			J
Surrogate: 13C-PFHxA	37.5			ng/L	37.26		101	70-130			
Surrogate: M3HFPO-DA	39.1			ng/L	37.26		105	70-130			
Surrogate: 13C-PFDA	39.1			ng/L	37.26		105	70-130			
Surrogate: D5-NEtFOSAA	155			ng/L	149.1		104	70-130			

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

QUALITY CONTROL
Semivolatle 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 B389887 - EPA 537.1											
LCS Dup (B389887-BSD1)											
						Prepared: 10/21/24 Analyzed: 10/22/24					
Perfluorobutanesulfonic acid (PFBS)	1.27	1.9	0.76	ng/L	1.651		77.0	50-150	2.56	50	J
Perfluorohexanoic acid (PFHxA)	1.51	1.9	1.0	ng/L	1.861		80.9	50-150	0.915	50	J
Perfluorohexanesulfonic acid (PFHxS)	1.45	1.9	0.92	ng/L	1.701		85.0	50-150	1.25	50	J
Perfluoroheptanoic acid (PFHpA)	1.40	1.9	0.94	ng/L	1.861		75.1	50-150	5.87	50	J
Perfluorooctanoic acid (PFOA)	1.39	1.9	1.1	ng/L	1.861		74.8	50-150	10.7	50	J
Perfluorooctanesulfonic acid (PFOS)	1.44	1.9	0.85	ng/L	1.727		83.4	50-150	6.79	50	J
Perfluorononanoic acid (PFNA)	1.36	1.9	0.94	ng/L	1.861		73.2	50-150	24.4	50	J
Perfluorodecanoic acid (PFDA)	1.64	1.9	0.92	ng/L	1.861		88.1	50-150	2.49	50	J
N-EtFOSAA (NEtFOSAA)	1.38	1.9	0.86	ng/L	1.861		74.1	50-150	2.90	50	J
Perfluoroundecanoic acid (PFUnA)	1.30	1.9	0.91	ng/L	1.861		70.0	50-150	11.1	50	J
N-MeFOSAA (NMeFOSAA)	1.52	1.9	0.83	ng/L	1.861		81.7	50-150	3.07	50	J
Perfluorododecanoic acid (PFDoA)	1.50	1.9	0.87	ng/L	1.861		80.8	50-150	1.84	50	J
Perfluorotridecanoic acid (PFTTrDA)	1.51	1.9	0.85	ng/L	1.861		81.2	50-150	5.17	50	J
Perfluorotetradecanoic acid (PFTA)	1.42	1.9	0.85	ng/L	1.861		76.5	50-150	1.52	50	J
Hexafluoropropylene oxide dimer acid (HFPO-DA)	1.54	1.9	1.4	ng/L	1.861		82.6	50-150	7.32	50	J
11Cl-PF3OUdS (F53B Major)	1.23	1.9	0.73	ng/L	1.755		70.0	50-150	12.1	50	J
9Cl-PF3ONS (F53B Minor)	1.39	1.9	0.81	ng/L	1.737		80.2	50-150	5.20	50	J
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.39	1.9	0.96	ng/L	1.759		78.8	50-150	6.51	50	J
Surrogate: 13C-PFHxA	38.0			ng/L	37.22		102	70-130			
Surrogate: M3HFPO-DA	39.5			ng/L	37.22		106	70-130			
Surrogate: 13C-PFDA	38.5			ng/L	37.22		104	70-130			
Surrogate: D5-NEtFOSAA	155			ng/L	148.9		104	70-130			

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.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).

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



Quality Water Analysis

1-800-458-3330

Beverage - Finished Product

Order Number: 2250140
Order Date: 9/17/2024
Sample Number: 470253
Product: PFAS 18

Paid: No Method: Purchase Order P.O.: Winston-Salem, NC

TSR: SBW

Winston-Salem

NC 27101-6127

For Laboratory Use ONLY	
Lab Accounting Information:	
Payment \$:	_____
Check #:	_____
Lab Comments/Special Instructions:	
Distilled Product	
State Forms:	
Lab Sample Information:	
Date Received:	RECEIVED OCT 10 2024
Time Received:	: 0930
Received By:	AR
Date Opened:	OCT 14 2024
Time Opened:	12:57
Opened By:	A. Montgomery
<input checked="" type="checkbox"/> Sample receipt criteria checked & acceptable <input type="checkbox"/> Deviations from acceptable sample receipt criteria noted on PSA form.	

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

Client Name: _____

Phone Number: _____

Fax Number: _____

PWS ID# (if applicable): _____

Source Type: Spring Well Municipal
 Other: _____

Source Name: Abingdon, VA
Mountain Park Springs
(Source Information is REQUIRED for All Finished Products)

City & State: Dobson, NC Abingdon, VA
(If Different than Above)

Product Collected By: _____
(Signature)

Product Collected By: Stewart Douglas
(Please Print)

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

Container Size: 18.9 L / 5 Gallons

Production Code/Lot Number: 28124

Form Completed By: Stewart Douglas

Additional Comments: _____

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

Penn. PWS ID#: _____

Location: _____

