National Testing Laboratories, Ltd.
Quality Water Analysis

Corporate Headquarters
6571 Wilson Mills Road
Cleveland, Ohio 44143

Phone: 800-458-3330

This report package contains 54 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 (18 pages)
- EMSL Analytical, Inc. (1 page)
- Eurofins Eaton Analytical, Inc. (8 pages)
- Pace Analytical Services, LLC – East Longmeadow, MA (13 pages)

NELAP accredited #E87753

Laboratory ID: 0055

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

ANALYTICAL REPORTS

SAMPLE CODE: 479826

6/20/2025

Customer: C-Force
Amanda Montoya
6151 Highway 90
Navasota, Texas 77868

Source: Lone Wolf Artesian Well
Source City: Navasota
Source State: TX
Sample Temperature: 77°F
Field pH: 7.6
PWS ID#: TX0930067

Date/Time Received: 5/7/2025 10:06
Collected by: C. Tagudin

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	5/6/2025	13:15		6/18/2025
1074	Antimony	200.8	0.006	mg/L	0.003	ND	1	5/6/2025	13:15		5/20/2025
1005	Arsenic	200.8	0.010	mg/L	0.002	ND	1	5/6/2025	13:15		5/20/2025
1010	Barium	200.7	2	mg/L	0.10	ND	1	5/6/2025	13:15		6/18/2025
1075	Beryllium	200.7	0.004	mg/L	0.001	ND	1	5/6/2025	13:15		6/18/2025
1079	Boron	200.7	--	mg/L	0.10	0.11	1	5/6/2025	13:15		6/18/2025
1015	Cadmium	200.7	0.005	mg/L	0.001	ND	1	5/6/2025	13:15		6/18/2025
1016	Calcium	200.7	--	mg/L	2.0	ND	1	5/6/2025	13:15		6/18/2025
1020	Chromium	200.7	0.100	mg/L	0.007	ND	1	5/6/2025	13:15		6/18/2025
1022	Copper	200.7	1.0	mg/L	0.002	ND	1	5/6/2025	13:15		6/18/2025
1028	Iron	200.7	0.3	mg/L	0.020	0.260	1	5/6/2025	13:15		6/18/2025
1030	Lead	200.8	0.010	mg/L	0.001	ND	1	5/6/2025	13:15		5/20/2025
1031	Magnesium	200.7	--	mg/L	0.10	ND	1	5/6/2025	13:15		6/18/2025
1032	Manganese	200.7	0.05	mg/L	0.004	0.010	1	5/6/2025	13:15		6/18/2025
1035	Mercury	200.8	0.002	mg/L	0.0002	ND	1	5/6/2025	13:15		5/20/2025
1036	Nickel	200.7	--	mg/L	0.005	ND	1	5/6/2025	13:15		6/18/2025
1042	Potassium	200.7	--	mg/L	1.0	6.2	1	5/6/2025	13:15		6/18/2025
1045	Selenium	200.8	0.05	mg/L	0.002	ND	1	5/6/2025	13:15		5/20/2025
1049	Silica	200.7	--	mg/L	0.05	50.00	1	5/6/2025	13:15		6/18/2025
1050	Silver	200.7	0.10	mg/L	0.002	ND	1	5/6/2025	13:15		6/18/2025

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1052	Sodium	200.7	--	mg/L	1	110		1	5/6/2025	13:15		6/18/2025	
1085	Thallium	200.8	0.002	mg/L	0.001	ND		1	5/6/2025	13:15		5/20/2025	
4006	Uranium	200.8	0.030	mg/L	0.001	ND		1	5/6/2025	13:15		5/20/2025	
1095	Zinc	200.7	5.000	mg/L	0.004	ND		1	5/6/2025	13:15		6/18/2025	
						Physical Factors							
1927	Alkalinity (Total as CaCO3)	2320B	--	mg/L	20	130		1	5/6/2025	13:15		5/12/2025	
1905	Apparent Color	2120B	15	CU	3	ND		1	5/6/2025	13:15		5/7/2025	13:05
1928	Bicarbonate (as CaCO3)	2320B	--	mg/L	20	130		1	5/6/2025	13:15		5/12/2025	
1929	Carbonate (as CaCO3)	2320B	--	mg/L	20	ND		1	5/6/2025	13:15		5/12/2025	
1910	Corrosivity	2330B	--	SI		-1.64	R2	1	5/6/2025	13:15		8/7/2025	13:02
2905	Foaming Agents	5540C	0.5	mg/L	0.1	ND		1	5/6/2025	13:15		5/8/2025	13:10
						MBAS, calculated as Linear Alkylate Sulfonate (LAS), mol wt of 342.4 g/mole							
1915	Hardness	2340B	--	mg/L	5.0	ND		1	5/6/2025	13:15		6/18/2025	
1021	Hydroxide (as CaCO3)	2320B	--	mg/L	20	ND		1	5/6/2025	13:15		5/12/2025	
1920	Odor Temperature	2150B	--	Deg, C		16		1	5/6/2025	13:15		5/7/2025	12:40
1920	Odor Threshold	2150B	3	ton	1	ND		1	5/6/2025	13:15		5/7/2025	12:40
1925	pH	150.1	6.5-8.5	pH Units		7.4		1	5/6/2025	13:15		5/7/2025	12:45
4254	pH Temperature	150.1	--	Deg, C		27		1	5/6/2025	13:15		5/7/2025	12:45
1064	Specific Cond. @ 25 deg. C	2510B	--	umhos/cm	1	540		1	5/6/2025	13:15		5/13/2025	
1930	Total Dissolved Solids	2540C	500	mg/L	5	340		1	5/6/2025	13:15		5/10/2025	
0100	Turbidity	2130B	1	NTU	0.1	ND		1	5/6/2025	13:15		5/7/2025	12:55
						Inorganic Analytes - Other							
1004	Bromide	300.1	--	mg/L	0.025	0.200		5	5/6/2025	13:15		5/14/2025	
1017	Chloride	300.0	250	mg/L	10.0	58.0		10	5/6/2025	13:15		5/7/2025	15:55
1025	Fluoride	300.0	4.0	mg/L	0.10	0.12		1	5/6/2025	13:15		5/7/2025	13:02
1040	Nitrate as N	300.0	10	mg/L	0.05	ND		1	5/6/2025	13:15		5/7/2025	13:02
1041	Nitrite as N	300.0	1	mg/L	0.05	ND		1	5/6/2025	13:15		5/7/2025	13:02
1044	Ortho Phosphate	300.0	--	mg/L	2.0	ND		1	5/6/2025	13:15		5/7/2025	13:02
1055	Sulfate	300.0	250	mg/L	50.0	53.0		10	5/6/2025	13:15		5/7/2025	15:55
						Organic Analytes - Trihalomethanes							
2943	Bromodichloromethane	524.2 THMs	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025	
2942	Bromoform	524.2 THMs	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025	
2941	Chloroform	524.2 THMs	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025	
2944	Dibromochloromethane	524.2 THMs	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025	
2950	Total THMs	524.2 THMs	0.080	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025	
						Organic Analytes - Volatiles							
2986	1,1,1,2-Tetrachloroethane	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025	
2981	1,1,1-Trichloroethane	524.2	0.2	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025	

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2988	1,1,2,2-Tetrachloroethane	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2985	1,1,2-Trichloroethane	524.2	0.005	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2978	1,1-Dichloroethane	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2977	1,1-Dichloroethene	524.2	0.007	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2410	1,1-Dichloropropene	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2420	1,2,3-Trichlorobenzene	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2414	1,2,3-Trichloropropane	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2378	1,2,4-Trichlorobenzene	524.2	0.07	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2418	1,2,4-Trimethylbenzene	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2968	1,2-Dichlorobenzene	524.2	0.6	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2980	1,2-Dichloroethane	524.2	0.005	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2983	1,2-Dichloropropane	524.2	0.005	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2424	1,3,5-Trimethylbenzene	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2967	1,3-Dichlorobenzene	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2412	1,3-Dichloropropane	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2969	1,4-Dichlorobenzene	524.2	0.075	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2416	2,2-Dichloropropane	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2965	2-Chlorotoluene	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2966	4-Chlorotoluene	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2030	4-Isopropyltoluene	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2990	Benzene	524.2	0.005	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2993	Bromobenzene	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2430	Bromochloromethane	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2214	Bromomethane	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2982	Carbon Tetrachloride	524.2	0.005	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2989	Chlorobenzene	524.2	0.1	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2216	Chloroethane	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2210	Chloromethane	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2380	cis-1,2-Dichloroethene	524.2	0.07	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2228	cis-1,3-Dichloropropene	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2408	Dibromomethane	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2212	Dichlorodifluoromethane	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2964	Dichloromethane	524.2	0.005	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2992	Ethylbenzene	524.2	0.7	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2246	Hexachlorobutadiene	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2994	Isopropylbenzene	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2251	Methyl Tert Butyl Ether	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2247	Methyl-Ethyl Ketone	524.2	--	mg/L	0.005	ND	R2	1	5/6/2025	13:15		5/12/2025
2248	Naphthalene	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2422	n-Butylbenzene	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2997	o-Xylene	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025

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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	5/6/2025	13:15		5/12/2025
	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	5/6/2025	13:15		5/12/2025
2428	sec-Butylbenzene	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2996	Styrene	524.2	0.1	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2426	tert-Butylbenzene	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2987	Tetrachloroethene	524.2	0.005	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2991	Toluene	524.2	1	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2979	trans-1,2-Dichloroethene	524.2	0.1	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2224	trans-1,3-Dichloropropene	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2984	Trichloroethene	524.2	0.005	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2218	Trichlorofluoromethane	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2904	Trichlorotrifluoroethane	524.2	--	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2976	Vinyl Chloride	524.2	0.002	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
2955	Xylenes (Total)	524.2	10	mg/L	0.0005	ND		1	5/6/2025	13:15		5/12/2025
	Organic Analytes - Others											
2414	1,2,3-Trichloropropane	504.1	0.00003	mg/L	0.00001	ND		1	5/6/2025	13:15	5/12/2025	5/12/2025
2931	1,2-Dibromo-3-chloropropane	504.1	0.0002	mg/L	0.00001	ND		1	5/6/2025	13:15	5/12/2025	5/12/2025
2946	1,2-Dibromoethane	504.1	0.00005	mg/L	0.00001	ND		1	5/6/2025	13:15	5/12/2025	5/12/2025
2105	2,4-D	515.4	70	ug/L	0.1	ND		1	5/6/2025	13:15	5/8/2025	5/13/2025
2066	3-Hydroxycarbofuran	531.2	--	ug/L	1.0	ND		1	5/6/2025	13:15		5/13/2025
2051	Alachlor	525.2	2	ug/L	0.2	ND	Y5	1	5/6/2025	13:15	5/8/2025	6/6/2025
2047	Aldicarb	531.2	7	ug/L	1.0	ND		1	5/6/2025	13:15		5/13/2025
2044	Aldicarb sulfone	531.2	7	ug/L	1.0	ND		1	5/6/2025	13:15		5/13/2025
2043	Aldicarb sulfoxide	531.2	7	ug/L	1.0	ND		1	5/6/2025	13:15		5/13/2025
2356	Aldrin	505	--	mg/L	0.00007	ND		1	5/6/2025	13:15	5/12/2025	5/12/2025
2050	Atrazine	525.2	3	ug/L	0.1	ND	Y5	1	5/6/2025	13:15	5/8/2025	6/6/2025
2625	Bentazon	515.4	--	ug/L	1	ND		1	5/6/2025	13:15	5/8/2025	5/13/2025
2306	Benzo(A)pyrene	525.2	0.2	ug/L	0.02	ND	Y5	1	5/6/2025	13:15	5/8/2025	6/6/2025
2076	Butachlor	525.2	--	ug/L	0.2	ND	Y5	1	5/6/2025	13:15	5/8/2025	6/6/2025
2021	Carbaryl	531.2	--	ug/L	1.0	ND		1	5/6/2025	13:15		5/13/2025
2046	Carbofuran	531.2	40	ug/L	1.0	ND		1	5/6/2025	13:15		5/13/2025
2959	Chlordane	505	0.002	mg/L	0.0001	ND		1	5/6/2025	13:15	5/12/2025	5/12/2025
2031	Dalapon	515.4	200	ug/L	1	ND		1	5/6/2025	13:15	5/8/2025	5/13/2025
2035	Di(2-ethylhexyl) adipate	525.2	400	ug/L	0.2	ND	Y5	1	5/6/2025	13:15	5/8/2025	6/6/2025
2039	Di(2-ethylhexyl) phthalate	525.2	6	ug/L	0.6	ND	Y5	1	5/6/2025	13:15	5/8/2025	6/6/2025
2440	Dicamba	515.4	--	ug/L	1	ND		1	5/6/2025	13:15	5/8/2025	5/13/2025
2933	Dichloran	505	--	mg/L	0.001	ND		1	5/6/2025	13:15	5/12/2025	5/12/2025
2070	Dieldrin	505	--	mg/L	0.00002	ND		1	5/6/2025	13:15	5/12/2025	5/12/2025
2041	Dinoseb	515.4	7	ug/L	0.2	ND		1	5/6/2025	13:15	5/8/2025	5/13/2025
2032	Diquat	549.2	20	ug/L	0.4	ND		1	5/6/2025	13:15	5/13/2025	5/14/2025

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6/20/2025

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2033	Endothall	548.1	100	ug/L	9	ND		1	5/6/2025	13:15	5/12/2025	5/19/2025
2005	Endrin	505	0.002	mg/L	0.00001	ND		1	5/6/2025	13:15	5/12/2025	5/12/2025
2034	Glyphosate	547	700	ug/L	6	ND		1	5/6/2025	13:15		5/9/2025
2065	Heptachlor	505	0.0004	mg/L	0.00001	ND		1	5/6/2025	13:15	5/12/2025	5/12/2025
2067	Heptachlor Epoxide	505	0.0002	mg/L	0.00001	ND		1	5/6/2025	13:15	5/12/2025	5/12/2025
2274	Hexachlorobenzene	505	0.001	mg/L	0.0001	ND		1	5/6/2025	13:15	5/12/2025	5/12/2025
2042	Hexachlorocyclopentadiene	505	0.05	mg/L	0.0001	ND		1	5/6/2025	13:15	5/12/2025	5/12/2025
2010	Lindane	505	0.0002	mg/L	0.00002	ND		1	5/6/2025	13:15	5/12/2025	5/12/2025
2022	Methomyl	531.2	--	ug/L	1.0	ND		1	5/6/2025	13:15		5/13/2025
2015	Methoxychlor	505	0.04	mg/L	0.0001	ND		1	5/6/2025	13:15	5/12/2025	5/12/2025
2045	Metolachlor	525.2	--	ug/L	0.2	ND	Y5	1	5/6/2025	13:15	5/8/2025	6/6/2025
2595	Metribuzin	525.2	--	ug/L	0.2	ND	Y5	1	5/6/2025	13:15	5/8/2025	6/6/2025
2626	Molinate	525.2	--	ug/L	0.2	ND	Y5	1	5/6/2025	13:15	5/8/2025	6/6/2025
2036	Oxamyl	531.2	200	ug/L	1.0	ND		1	5/6/2025	13:15		5/13/2025
2934	Pentachloronitrobenzene	505	--	mg/L	0.0001	ND		1	5/6/2025	13:15	5/12/2025	5/12/2025
2326	Pentachlorophenol	515.4	1	ug/L	0.04	ND		1	5/6/2025	13:15	5/8/2025	5/13/2025
2040	Picloram	515.4	500	ug/L	0.1	ND		1	5/6/2025	13:15	5/8/2025	5/13/2025
2077	Propachlor	525.2	--	ug/L	0.2	ND	Y5	1	5/6/2025	13:15	5/8/2025	6/6/2025
2110	Silvex 2,4,5-TP	515.4	50	ug/L	0.2	ND		1	5/6/2025	13:15	5/8/2025	5/13/2025
2037	Simazine	525.2	4	ug/L	0.07	ND	Y5	1	5/6/2025	13:15	5/8/2025	6/6/2025
2627	Thiobencarb	525.2	--	ug/L	0.2	ND	Y5	1	5/6/2025	13:15	5/8/2025	6/6/2025
2383	Total PCBs	505	0.0005	mg/L	0.0005	ND		1	5/6/2025	13:15	5/12/2025	5/12/2025
2910	Total Phenols	420.4	--	mg/L	0.001	ND	R2	1	5/6/2025	13:15		5/19/2025
2020	Toxaphene	505	0.003	mg/L	0.001	ND		1	5/6/2025	13:15	5/12/2025	5/12/2025
2055	Trifluralin	505	--	mg/L	0.001	ND		1	5/6/2025	13:15	5/12/2025	5/12/2025

Qualifiers:

R2: The laboratory is not licensed for this parameter. The reported result cannot be used for compliance purposes.
Y5: Sample received above the recommended temperature. Sample does not meet method requirements for acceptable thermal preservation.

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

ANALYTICAL REPORTS

SAMPLE CODE: 479826

6/20/2025

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

Sarah Buchanan, Project Manager

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

Laboratory ID: 0055

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

ANALYTICAL REPORTS

SAMPLE CODE: 479825

6/20/2025

Customer: C-Force
Amanda Montoya
6151 Highway 90
Navasota, Texas 77868

Source: Lone Wolf Artesian Well
Source City: Navasota
Source State: TX
Sample Temperature: 77°F
Field pH: 7.6
PWS ID#: TX 0930067

Date/Time Received: 5/7/2025 10:06
Collected by: C. Tagudin

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	5/6/2025	13:15		5/7/2025	13:08
3001	Standard Plate Count	9215B	500	CFU/ml	1	130	1	5/6/2025	13:15		5/7/2025	12:47
				Pour Plate Method, 35°C/48hr, Plate Count Agar								
3000	Total Coliform	9223B	1	MPN/100 mL	1	ND	1	5/6/2025	13:15		5/7/2025	13:08

Analyst	Tests
GK	9223B
CF	9215B

Sarah Buchanan

Sarah Buchanan, Project Manager

Date Printed: 6/20/2025 12:05:41 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

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:
10734133

Report Prepared Date:
May 19, 2025

Product Source

Sample ID: 479826
Source Name: Lone Wolf Artesian Well
Source Location: Novasota TX
PWS ID: N/A
Laboratory Sample ID: 10734133001
Date Sampled: 05/06/2025 @ 13:15
Date Received: 05/09/2025 @ 09:45

This report has been reviewed by:

Joanne Richardson

May 19, 2025
Joanne Richardson, Project Manager
(612) 607-6453
(612) 607-6444 (fax)

NELAP ACCREDITED TNI LABORATORY

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 #
		Mississippi	MN00064
		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

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: 2262811
Order Date: 4/24/2025
Sample Number: 479826
Product: FDABASE GRX
Paid: No **Method:** Purchase Order **P.O.:**
TSR: SBW

Navasota Tex 77868
as

Date Sampled: 5 / 6 /25 **Time Sampled:** 12 : 15 ☐ AM ☑ PM
Check Time Zone: ☐ EST ☑ CST ☐ MST ☐ PST

Source Water Information:

PWS ID# (if applicable): TX0930067
Source Name: Lone Wolf Artesian Well
City & State: Navasota, TX (If Different than Above)
Sample Collected By: [signature] (Signature)
Sample Collected By: CHRIS TAGUDIN (Please Print)
Sample Temperature: 77 °F **Field pH:** 7.6
Measured at Source By: CHRIS TAGUDIN
Form Completed By: CHRIS TAGUDIN
Additional Comments:

For Laboratory Use ONLY

Lab Accounting Information:
Payment $:
Check #:

Lab Comments/Special Instructions:
Source #2
10°C - ~~Asbestos, dioxin, 525~~
6°C - ~~All others~~

State Forms:

Lab Sample Information:
Date Received: RECEIVED MAY 07 2025
Time Received: : 1006
Received By: AB
☐ Sample receipt criteria checked & acceptable.
☒ Deviations from acceptable sample receipt criteria noted on PSA form.

PSA Log in

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

ENV-FRM-MIN4-0150 v19_Sample Condition Upon Receipt

Person Examining & Date: MIK 5/12/25 **PROJECT #:** **WO# : 10734133**

PM: JMR Due Date: 05/23/25
CLIENT: NTL

Client Name: National testing Labs, Ltd.

Custody Seal Present: ☐ YES ☒ NO **Seals Intact:** ☐ YES ☒ NO

Tracking Number: 1Z...97 01...5559 ☐ See Exceptions form ENV-FRM-MIN4-0142.

Courier: ☐ Client ☐ Commercial ☐ FedEx ☐ Pace Courier/Field ☒ SpeeDee ☒ UPS ☐ USPS

Packing Material: ☐ Bubble Bags ☐ Bubble Wrap ☐ None ☒ Other: Styrofoam **Biological Tissue Frozen:** ☐ YES ☒ NO

Thermometer: ☒ T1 (0461) ☐ T2 (0431) ☐ T3 (0459) ☐ T4 (0402) ☐ T5 (0187) ☐ T6 (0396) ☐ T7 (0377) ☐ T8 (0775) ☐ T9 (0428) ☐ 01339252 (0710)

Type of Ice: ☐ Blue ☐ Dry ☒ Wet ☐ Melted ☐ None

Temp Blank: ☒ YES ☐ NO

NOTE: Temp should be ≤ 6°C, but above freezing.

Read Temp w/Temp Blank: 4.6 °C
Correction Factor: TNC
Corrected Temp w/Temp Blank: 4.6 °C

Did Samples Originate in West Virginia: ☐ YES ☒ NO (list temps on exception)
Were All Container Temps Taken: ☐ YES ☐ NO ☒ N/A
Average Corrected Temp (No Temp Blank Only): ______
☐ See Exceptions form ENV-FRM-MIN4-0142. ☐ 1 Container

USDA Regulated Soil: ☒ N/A – Water Sample/Other (describe): ______

Did Samples originate from one of the following states (check maps): ☐ YES ☐ NO
Circle State: AL, AR, AZ, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, VA

Are samples 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? (i.e., Analysis/ID/Date/Time)	☒	☐		1.
Chain of Custody Relinquished?	☒	☐		2.
Sampler Name and/or Signature on COC?	☐	☒	☐	3.
Samples Arrived within Hold Time? If Fecal: ☐ <8 hrs ☐ >8 hr but <24 hr ☐ >24 hr	☒	☐		4.
Short Hold Time Analysis (<72 hr)?	☐	☒		5. ☐ BOD / cBOD ☐ Fecal coliform ☐ Hex Chrom ☐ HPC ☐ Nitrate ☐ Nitrite ☐ Ortho Phos ☐ Total coliform/*E. coli* ☐ Turbidity ☐ Other: ____
Rush Turn Around Time Requested?	☐	☒		6. ☐ Same Day ☐ 1 Day ☐ 2 Day ☐ 3 Day ☐ 5 Day Due Date: ____
Sufficient Sample Volume? (If NO, list approximate volume in section 7.)	☒	☐		7.
Correct Containers Used?	☒	☐	☐	8. 2AGH's
– Pace Containers Used?	☒	☐		
Containers Intact?	☒	☐		9.
Field Filtered Volume Received for Dissolved Tests?	☐	☐	☒	10. Is sediment visible in the dissolved container: ☐ YES ☐ NO
ID/Date/Time Match? (If NO, fill out section 11.) Matrix: ☐ Oil ☐ Soil ☒ Water ☐ Other	☒	☐	☐	11. ☐ See Exceptions form ENV-FRM-MIN4-0142
All containers needing acid/base preservation have been checked?	☐	☐	☒	12.

Sample #:
☐ HNO3 ______ ☐ H2SO4 ______ ☐ NaOH ______ ☐ Zinc Acetate ______

pH Paper Lot #:
☐ Residual Chlorine ______ ☐ 0-6 Roll ______ ☐ 0-6 Strip ______ ☐ 0-14 Strip ______

Positive for Residual Chlorine (NaOH containers only): ☐ YES ☐ NO

	YES	NO	N/A	COMMENT(S)
Preserved containers in compliance with EPA recommendations? (HNO3, H2SO4, < 2 pH, NaOH > 9 Sulfide, NaOH > 10 Cyanide)	☐	☐	☒	☐ See Exceptions form ENV-FRM-MIN4-0142
EXCECTIONS (water only): VOA, Coliform, TOC/DOC, Oil & Grease, Phenols, DRO/8015, Dioxins, and PFAS	☒	☐	☐	
Extra labels present on soil VOA or WIDRO containers? (soil only)	☐	☐	☒	13.
Headspace in Methyl Mercury Container?	☐	☐	☒	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: **Labeled By:** ATC **Line:** 3

Person Contacted & Date/Time: ______ **PM Review & Date:** Joanne Richardson 5-12-25

***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.*

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.....479826
Client..... National Testing Laborato
Lab Sample ID..... 10734133001

Date Collected.....05/06/2025
Date Received.....05/09/2025
Date Extracted.....05/13/2025

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

	Sample 479826	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	--	--	95%	96%
pg Recovered	--	--	189pg/L	192pg/L
Spike Recovery Limit	--	--	73-146%	73-146%
RPD				1.4%
IS Recovery	**47%**	90%	84%	78%
pg Recovered	943 pg/L	1793 pg/L	1677 pg/L	1565 pg/L
IS Recovery Limits	31-137%	31-137%	25-141%	25-141%
CS Recovery	**83%**	87%	84%	76%
pg Recovered	167 pg/L	174 pg/L	168 pg/L	151 pg/L
CS Recovery Limits	42-164%	42-164%	37-158%	37-158%
Filename	E250515C_18	E250514A_09	E250514A_10	E250514A_08
Analysis Date	05/16/2025	05/14/2025	05/14/2025	05/14/2025
Analysis Time	06:03	15:05	15:38	14:32
Analyst	JF	JF	JF	JF
Volume	0.969L	1.010L	1.021L	1.005L
Dilution	NA	NA	NA	NA
ICAL Date	03/20/2025	03/20/2025	03/20/2025	03/20/2025
CCAL Filename	E250515C_01	E250514A_06	E250514A_06	E250514A_06

! = 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.....10734133

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

May 30, 2025

Reports
National Testing Laboratories, Ltd.
6571 Wilson Mills Road
Cleveland, OH 44143

RE: Project: 2262811
Pace Project No.: 30777699

Dear Reports:

Enclosed are the analytical results for sample(s) received by the laboratory on May 08, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carla Cmar
carla.cmar@pacelabs.com
(724)850-5600
Project Manager

Enclosures

cc: Suzette Berlet-Walker, Suzette Berlet-Walker
NTL Invoice, National Testing Laboratories, Ltd.

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

CERTIFICATIONS

Project: 2262811
Pace Project No.: 30777699

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: 2262811
Pace Project No.: 30777699

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30777699001	**479826**	Drinking Water	05/06/25 13:15	05/08/25 10:50

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

SAMPLE ANALYTE COUNT

Project: 2262811
Pace Project No.: 30777699

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30777699001	**479826**	SM 7500RnB-1996	CS2	1	PASI-PA
		EPA 900.0	REH1	2	PASI-PA
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA

PASI-PA = Pace Analytical Services - Greensburg

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

PROJECT NARRATIVE

Project: 2262811
Pace Project No.: 30777699

Method: **SM 7500RnB-1996**
Description: 7500RnB Radon
Client: National Testing Laboratories, Ltd.
Date: May 30, 2025

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.

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: 2262811
Pace Project No.: 30777699

Method: **EPA 900.0**
Description: 900.0 Gross Alpha/Beta
Client: National Testing Laboratories, Ltd.
Date: May 30, 2025

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: 2262811
Pace Project No.: 30777699

Method: **EPA 903.1**
Description: 903.1 Radium 226, DW
Client: National Testing Laboratories, Ltd.
Date: May 30, 2025

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: 2262811
Pace Project No.: 30777699

Method: **EPA 904.0**
Description: 904.0 Radium 228, DW
Client: National Testing Laboratories, Ltd.
Date: May 30, 2025

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: 2262811
Pace Project No.: 30777699

Method: **Total Radium Calculation**
Description: Total Radium 228+226
Client: National Testing Laboratories, Ltd.
Date: May 30, 2025

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: 2262811
Pace Project No.: 30777699

Sample: 479826 **Lab ID: 30777699001** Collected: 05/06/25 13:15 Received: 05/08/25 10:50 Matrix: Drinking Water
PWS: Site ID: Sample Type:

Comments:
- No brand type/product code listed, no container size listed, no production code/lot number listed.
- No date/time/opened by listed.
- SOURCE WATER, Lone Wolf Artesian Well, Navasota, TX
- 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					
Radon	SM 7500RnB-1996	**167.0 ± 35.8 (48.7) C:NA T:NA**	pCi/L	05/09/25 12:53	10043-92-2	
	Pace Analytical Services - Greensburg					
Gross Alpha	EPA 900.0	**-1.41 ± 0.828 (1.83) C:NA T:NA**	pCi/L	05/28/25 17:27	12587-46-1	
Gross Beta	EPA 900.0	**4.22 ± 0.468 (0.602) C:NA T:NA**	pCi/L	05/28/25 17:27	12587-47-2	
	Pace Analytical Services - Greensburg					
Radium-226	EPA 903.1	**0.669 ± 0.402 (0.497) C:NA T:93%**	pCi/L	05/24/25 14:35	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 904.0	**0.488 ± 0.433 (0.899) C:74% T:84%**	pCi/L	05/27/25 14:18	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.16 ± 0.835 (1.40)**	pCi/L	05/28/25 17:54	7440-14-4	

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: 2262811
Pace Project No.: 30777699

QC Batch: 744617
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: 30777699001

METHOD BLANK: 3624932 Matrix: Drinking Water

Associated Lab Samples: 30777699001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.416 ± 0.318 (0.640) C:79% T:91%	pCi/L	05/27/25 14:18	

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: 2262811
Pace Project No.: 30777699

QC Batch: 744523
QC Batch Method: SM 7500RnB-1996
Analysis Method: SM 7500RnB-1996
Analysis Description: 7500Rn B Radon
Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 30777699001

METHOD BLANK: 3624230 Matrix: Water

Associated Lab Samples: 30777699001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radon	9.5 ± 16.8 (28.3) C:NA T:NA	pCi/L	05/09/25 10:11	

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

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

QUALITY CONTROL - RADIOCHEMISTRY

Project: 2262811
Pace Project No.: 30777699

QC Batch: 744618
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: 30777699001

METHOD BLANK: 3624933 Matrix: Drinking Water

Associated Lab Samples: 30777699001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.326 ± 0.296 (0.418) C:NA T:95%	pCi/L	05/24/25 14:14	

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: 2262811
Pace Project No.: 30777699

QC Batch: 746099
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: 30777699001

METHOD BLANK: 3633535 Matrix: Drinking Water

Associated Lab Samples: 30777699001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Gross Alpha	-0.715 ± 0.483 (2.08) C:NA T:NA	pCi/L	05/29/25 08:23	
Gross Beta	-0.169 ± 0.513 (1.45) C:NA T:NA	pCi/L	05/29/25 08:23	

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: 2262811
Pace Project No.: 30777699

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.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2262811
Pace Project No.: 30777699

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30777699001	**479826**	SM 7500RnB-1996	744523		
30777699001	**479826**	EPA 900.0	746099		
30777699001	**479826**	EPA 903.1	744618		
30777699001	**479826**	EPA 904.0	744617		
30777699001	**479826**	Total Radium Calculation	748452		

National Testing Laboratories, Ltd.

Quality Water Analysis

1-800-458-3330

Beverage - Source Water

Order Number: 2262811
Order Date: 4/24/2025
Sample Number: 479826
Product: FDABASE GRX

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

TSR: SBW

WO#: 30777699

PM: CMC **Due Date:** 05/30/25
CLIENT: NTL

Navasota Tex 77868
as

For Laboratory Use ONLY

Lab Accounting Information:

Payment $: _____

Check #: _____

Lab Comments/Special Instructions:

Source #2
10°C - Asbestos, dioxin, 525
6°C - All others

Radon, Rads

State Forms:

Date Sampled: 5 / 6 / 25 **Time Sampled:** 12 : 15 ☐ AM ☑ PM

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

Source Water Information:

PWS ID# (if applicable): TX0930067

Source Name: Lone Wolf Artesian Well

City & State: Navasota, TX
(If Different than Above)

Sample Collected By: _____
(Signature)

Sample Collected By: CHRIS TAGUDIN
(Please Print)

Sample Temperature: 77°F **Field pH:** 7.6

Measured at Source By: CHRIS TAGUDIN

Form Completed By: CHRIS TAGUDIN

Additional Comments:

Lab Sample Information:

Date Received: RECEIVED MAY 07 2025

Time Received: : 1006

Received By: AB

☐ Sample receipt criteria checked & acceptable.

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

PSA Log in

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# : 30777699

PM: CMC Due Date: 05/30/25

CLIENT: NTL

Client Name: NTL

Initial / Date

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

Tracking Number: 1ZA1V9310173684689

Examined By: PS 5/8/25

Labeled By: PS 5/8/25

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

pH paper Lot# 10 D3241 D.P.D. Residual Chlorine Lot #

Comments:	Yes	No	NA	
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 time on bottles / vials
-Includes date/time/ID				
Matrix: DW				
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:	✓			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 2.5 ML HNO3 to all bottles / Radon
exceptions: VOA, coliform, TOC, O&G, Phenolics, (Radon), non-aqueous matrix				
All containers meet method preservation requirements:		✓		Initial when completed: PS Date/Time of Preservation: 5/8/25 14:35
				Lot# of added Preservative: 30214851
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: 5/8/25 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

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:	042508765
Customer ID:	NTLI78
Customer PO:	14630
Project ID:	

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

Proj: 2262811

Phone:	(440) 449-2525
Fax:	(Ema) il -only
Received:	05/08/2025
Analyzed:	05/22/2025

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)		
479826 042508765-0001	5/8/2025 12:53 PM	100	1335	0.0780	None Detected	ND	0.17	<0.17	0.00 - 0.63

Collection Date/Time: *05/06/2025 13:15 PM*

Bottle supplied by client.

Analyst(s)
Sarah Richey (1)

Samantha Rundstrom, Laboratory Manager
or Other Approved Signatory

Any questions please contact Samantha Rundstrom-Cruz.

Initial report from: 05/22/2025 09:47:48

Job Narrative
810-147703-1

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 5/8/2025 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 0.4°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: 479826 / 2262811

Job ID: 810-147703-1

Client Sample ID: 479826 / 2262811
Date Collected: 05/06/25 13:15
Date Received: 05/08/25 10:15

Lab Sample ID: 810-147703-1
Matrix: Drinking Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	<0.050		0.050		ug/L			05/12/25 19:11	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		05/09/25 10:33	05/09/25 11:49	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: 479826 / 2262811

Job ID: 810-147703-1

Client Sample ID: 479826 / 2262811

Date Collected: 05/06/25 13:15
Date Received: 05/08/25 10:15

Lab Sample ID: 810-147703-1

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	143584	GL	EA SB	05/12/25 19:11
Total/NA	Prep	Distill/CN			143315	KH	EA SB	05/09/25 10:33
Total/NA	Analysis	335.4		1	143341	KH	EA SB	05/09/25 11:49

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: 479826 / 2262811

Job ID: 810-147703-1

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: 479826 / 2262811

Job ID: 810-147703-1

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: 479826 / 2262811

Job ID: 810-147703-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
810-147703-1	479826 / 2262811	Drinking Water	05/06/25 13:15	05/08/25 10:15

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

Beverage - Source Water

Order Number: 2262811
Order Date: 4/24/2025
Sample Number: 479826
Product: FDABASE GRX
Paid: No **Method:** Purchase Order **P.O.:**
TSR: SBW

Navasota Tex 77868
as

Date Sampled: 5 / 6 /25 **Time Sampled:** 12 : 15 ☐ AM ☑ PM
Check Time Zone: ☐ EST ☑ CST ☐ MST ☐ PST

Source Water Information:

PWS ID# (if applicable): TX0930067
Source Name: Lone Wolf Artesian Well
City & State: Navasota, TX (If Different than Above)
Sample Collected By: [signature] (Signature)
Sample Collected By: CHRIS TAGUDIN (Please Print)
Sample Temperature: 77°F **Field pH:** 7.6
Measured at Source By: CHRIS TAGUDIN
Form Completed By: CHRIS TAGUDIN
Additional Comments:

For Laboratory Use ONLY

Lab Accounting Information:
Payment $:
Check #:

Lab Comments/Special Instructions:
Source #2
10°C - Asbestos, dioxin, 525
6°C - All others

Cn, perchlorate

State Forms:

Lab Sample Information:
Date Received: RECEIVED MAY 07 2025
Time Received: : 1006
Received By: AB
☐ Sample receipt criteria checked & acceptable.
☒ Deviations from acceptable sample receipt criteria noted on PSA form.

PSA Log in

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

Pace Analytical Services, LLC - East Longmeadow, Ma

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

May 15, 2025

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

Project Location: Navasota, TX
Client Job Number:
Project Number: 2262811
Laboratory Work Order Number: 25E0808

Enclosed are results of analyses for samples as received by the laboratory on May 8, 2025. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Karriem G. Marius
Project Manager

Table of Contents

Pace Analytical Services, LLC - East Longmeadow, Ma

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: 5/15/2025

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2262811

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 25E0808

The results of analyses performed on the following samples submitted to Pace Analytical Services, LLC - East Longmeadow, Ma, are found in this report.

PROJECT LOCATION: Navasota, TX

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
479827	25E0808-01	Drinking Water		EPA 537.1	

Pace Analytical Services, LLC - East Longmeadow, Ma

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 Pace Analytical Services, LLC - East Longmeadow, Ma, 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.

Meghan E. Kelley
Reporting Specialist

Pace Analytical Services, LLC - East Longmeadow, Ma

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

Project Location: Navasota, TX | Sample Description: | Work Order: 25E0808

Date Received: 5/8/2025

Field Sample #: 479827 | Sampled: 5/6/2025 13:15

Sample ID: 25E0808-01

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	0.48		ng/L	1		EPA 537.1	5/12/25	5/13/25 22:51	JR2
Perfluorohexanoic acid (PFHxA)	ND	1.9	0.60		ng/L	1		EPA 537.1	5/12/25	5/13/25 22:51	JR2
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.65		ng/L	1		EPA 537.1	5/12/25	5/13/25 22:51	JR2
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.60		ng/L	1		EPA 537.1	5/12/25	5/13/25 22:51	JR2
Perfluorooctanoic acid (PFOA)	ND	1.9	0.59		ng/L	1		EPA 537.1	5/12/25	5/13/25 22:51	JR2
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.61		ng/L	1		EPA 537.1	5/12/25	5/13/25 22:51	JR2
Perfluorononanoic acid (PFNA)	ND	1.9	0.55		ng/L	1		EPA 537.1	5/12/25	5/13/25 22:51	JR2
Perfluorodecanoic acid (PFDA)	ND	1.9	0.62		ng/L	1		EPA 537.1	5/12/25	5/13/25 22:51	JR2
N-EtFOSAA (NEtFOSAA)	ND	1.9	0.58		ng/L	1		EPA 537.1	5/12/25	5/13/25 22:51	JR2
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.62		ng/L	1		EPA 537.1	5/12/25	5/13/25 22:51	JR2
N-MeFOSAA (NMeFOSAA)	ND	1.9	0.53		ng/L	1		EPA 537.1	5/12/25	5/13/25 22:51	JR2
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.78		ng/L	1		EPA 537.1	5/12/25	5/13/25 22:51	JR2
Perfluorotridecanoic acid (PFTrDA)	ND	1.9	0.91		ng/L	1		EPA 537.1	5/12/25	5/13/25 22:51	JR2
Perfluorotetradecanoic acid (PFTA)	ND	1.9	0.74		ng/L	1		EPA 537.1	5/12/25	5/13/25 22:51	JR2
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.65		ng/L	1		EPA 537.1	5/12/25	5/13/25 22:51	JR2
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.52		ng/L	1		EPA 537.1	5/12/25	5/13/25 22:51	JR2
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.56		ng/L	1		EPA 537.1	5/12/25	5/13/25 22:51	JR2
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.56		ng/L	1		EPA 537.1	5/12/25	5/13/25 22:51	JR2

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
13C-PFHxA	116	70-130		5/13/25 22:51
M3HFPO-DA	127	70-130		5/13/25 22:51
13C-PFDA	119	70-130		5/13/25 22:51
D5-NEtFOSAA	120	70-130		5/13/25 22:51

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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
25E0808-01 [479827]	B404880	269	1.00	05/12/25

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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 B404880 - EPA 537.1											
Blank (B404880-BLK1)					Prepared: 05/12/25 Analyzed: 05/13/25						
Perfluorobutanesulfonic acid (PFBS)	ND	1.9	0.48	ng/L							
Perfluorohexanoic acid (PFHxA)	ND	1.9	0.61	ng/L							
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	0.66	ng/L							
Perfluoroheptanoic acid (PFHpA)	ND	1.9	0.61	ng/L							
Perfluorooctanoic acid (PFOA)	ND	1.9	0.60	ng/L							
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	0.61	ng/L							
Perfluorononanoic acid (PFNA)	ND	1.9	0.55	ng/L							
Perfluorodecanoic acid (PFDA)	ND	1.9	0.62	ng/L							
N-EtFOSAA (NEtFOSAA)	ND	1.9	0.59	ng/L							
Perfluoroundecanoic acid (PFUnA)	ND	1.9	0.63	ng/L							
N-MeFOSAA (NMeFOSAA)	ND	1.9	0.54	ng/L							
Perfluorododecanoic acid (PFDoA)	ND	1.9	0.79	ng/L							
Perfluorotridecanoic acid (PFTrDA)	ND	1.9	0.93	ng/L							
Perfluorotetradecanoic acid (PFTA)	ND	1.9	0.76	ng/L							
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	0.66	ng/L							
11Cl-PF3OUdS (F53B Major)	ND	1.9	0.53	ng/L							
9Cl-PF3ONS (F53B Minor)	ND	1.9	0.56	ng/L							
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	0.56	ng/L							
Surrogate: 13C-PFHxA	*41.8*			ng/L	37.64		111	70-130			
Surrogate: M3HFPO-DA	*43.0*			ng/L	37.64		114	70-130			
Surrogate: 13C-PFDA	*43.7*			ng/L	37.64		116	70-130			
Surrogate: D5-NEtFOSAA	*181*			ng/L	150.6		120	70-130			
LCS (B404880-BS1)					Prepared: 05/12/25 Analyzed: 05/13/25						
Perfluorobutanesulfonic acid (PFBS)	18.3	1.9	0.48	ng/L	16.69		110	70-130			
Perfluorohexanoic acid (PFHxA)	20.5	1.9	0.61	ng/L	18.82		109	70-130			
Perfluorohexanesulfonic acid (PFHxS)	19.4	1.9	0.66	ng/L	17.20		113	70-130			
Perfluoroheptanoic acid (PFHpA)	20.2	1.9	0.61	ng/L	18.82		107	70-130			
Perfluorooctanoic acid (PFOA)	20.6	1.9	0.60	ng/L	18.82		110	70-130			
Perfluorooctanesulfonic acid (PFOS)	20.5	1.9	0.61	ng/L	17.46		117	70-130			
Perfluorononanoic acid (PFNA)	21.3	1.9	0.55	ng/L	18.82		113	70-130			
Perfluorodecanoic acid (PFDA)	21.0	1.9	0.62	ng/L	18.82		112	70-130			
N-EtFOSAA (NEtFOSAA)	21.1	1.9	0.59	ng/L	18.82		112	70-130			
Perfluoroundecanoic acid (PFUnA)	20.9	1.9	0.63	ng/L	18.82		111	70-130			
N-MeFOSAA (NMeFOSAA)	21.1	1.9	0.54	ng/L	18.82		112	70-130			
Perfluorododecanoic acid (PFDoA)	20.7	1.9	0.79	ng/L	18.82		110	70-130			
Perfluorotridecanoic acid (PFTrDA)	20.5	1.9	0.93	ng/L	18.82		109	70-130			
Perfluorotetradecanoic acid (PFTA)	20.9	1.9	0.75	ng/L	18.82		111	70-130			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	16.8	1.9	0.66	ng/L	18.82		89.5	70-130			
11Cl-PF3OUdS (F53B Major)	20.4	1.9	0.53	ng/L	17.74		115	70-130			
9Cl-PF3ONS (F53B Minor)	20.5	1.9	0.56	ng/L	17.55		117	70-130			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	18.1	1.9	0.56	ng/L	17.78		102	70-130			
Surrogate: 13C-PFHxA	*42.4*			ng/L	37.63		113	70-130			
Surrogate: M3HFPO-DA	*45.5*			ng/L	37.63		121	70-130			
Surrogate: 13C-PFDA	*43.6*			ng/L	37.63		116	70-130			
Surrogate: D5-NEtFOSAA	*177*			ng/L	150.5		117	70-130			

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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 B404880 - EPA 537.1											
LCS Dup (B404880-BSD1)					Prepared: 05/12/25 Analyzed: 05/13/25						
Perfluorobutanesulfonic acid (PFBS)	18.6	1.9	0.48	ng/L	16.68		112	70-130	1.60	30	
Perfluorohexanoic acid (PFHxA)	20.2	1.9	0.61	ng/L	18.80		108	70-130	1.21	30	
Perfluorohexanesulfonic acid (PFHxS)	19.4	1.9	0.66	ng/L	17.18		113	70-130	0.323	30	
Perfluoroheptanoic acid (PFHpA)	19.9	1.9	0.61	ng/L	18.80		106	70-130	1.51	30	
Perfluorooctanoic acid (PFOA)	20.8	1.9	0.60	ng/L	18.80		111	70-130	0.817	30	
Perfluorooctanesulfonic acid (PFOS)	20.4	1.9	0.61	ng/L	17.45		117	70-130	0.447	30	
Perfluorononanoic acid (PFNA)	20.6	1.9	0.55	ng/L	18.80		109	70-130	3.40	30	
Perfluorodecanoic acid (PFDA)	20.5	1.9	0.62	ng/L	18.80		109	70-130	2.24	30	
N-EtFOSAA (NEtFOSAA)	21.6	1.9	0.59	ng/L	18.80		115	70-130	2.26	30	
Perfluoroundecanoic acid (PFUnA)	20.4	1.9	0.63	ng/L	18.80		109	70-130	2.45	30	
N-MeFOSAA (NMeFOSAA)	21.4	1.9	0.54	ng/L	18.80		114	70-130	1.44	30	
Perfluorododecanoic acid (PFDoA)	20.8	1.9	0.79	ng/L	18.80		111	70-130	0.926	30	
Perfluorotridecanoic acid (PFTrDA)	20.8	1.9	0.92	ng/L	18.80		111	70-130	1.46	30	
Perfluorotetradecanoic acid (PFTA)	20.3	1.9	0.75	ng/L	18.80		108	70-130	2.91	30	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	15.5	1.9	0.66	ng/L	18.80		82.3	70-130	8.40	30	
11Cl-PF3OUdS (F53B Major)	20.0	1.9	0.53	ng/L	17.73		113	70-130	1.73	30	
9Cl-PF3ONS (F53B Minor)	20.0	1.9	0.56	ng/L	17.54		114	70-130	2.72	30	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	18.0	1.9	0.56	ng/L	17.77		101	70-130	0.618	30	
Surrogate: 13C-PFHxA	*43.1*			ng/L	37.60		115	70-130			
Surrogate: M3HFPO-DA	*47.1*			ng/L	37.60		125	70-130			
Surrogate: 13C-PFDA	*43.9*			ng/L	37.60		117	70-130			
Surrogate: D5-NEtFOSAA	*181*			ng/L	150.4		120	70-130			

Pace Analytical Services, LLC - East Longmeadow, Ma

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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.

Pace Analytical Services, LLC - East Longmeadow, Ma

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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

Pace Analytical Services, LLC - East Longmeadow, Ma, 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	12/31/2026
NY	New York State Department of Health	10899 NELAP	04/1/2026
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2026
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	12/14/2025
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2026
MI	Dept. of Env, Great Lakes, and Energy	9100	06/30/2025
OH	Ohio Environmental Protection Agency	87781	04/1/2026

National Testing Laboratories, Ltd.
Quality Water Analysis

1-800-458-3330

Beverage - Source Water

Order Number: 2262811
Order Date: 4/24/2025
Sample Number: 479827
Product: PFAS 18
Paid: No Method: Purchase Order P.O.:

TSR: SBW

Navasota Tex 77868
as

Date Sampled: 5 /6 /25 Time Sampled: 12 :15 ☐ AM ☑ PM

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

Source Water Information:

PWS ID# (if applicable): TX 0930067

Source Name: Lone Wolf Artesian Well

City & State: Navasota, TX
(If Different than Above)

Sample Collected By: [signature]
(Signature)

Sample Collected By: CHRIS TAGUDIN
(Please Print)

Sample Temperature: 77°F Field pH: 7.6

Measured at Source By: CHRIS TAGUDIN

Form Completed By: CHRIS TAGUDIN

Additional Comments:

For Laboratory Use ONLY

Lab Accounting Information:
Payment $:
Check #:

Lab Comments/Special Instructions:
Source #2
6°C

State Forms:

Lab Sample Information:
Date Received: RECEIVED MAY 07 2025
Time Received: :1006
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

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

Log In Back-Sheet

Client National Testing
Project 414827
MCP/RCP Required na
Deliverable Package Requirement na
Location TX
PWSID# (When Applicable) na
Arrival Method:

Courier ☐ Fed Ex ☐ Walk In ☐ Other ☑ UPS
Received By / Date / Time RL 5/8/25 1003
Back-Sheet By / Date / Time SC 5/9/25 1403
Temperature Method gun # 6
WV samples: Yes (see note*) / (No) follow normal procedure)
Temp < 6° C Actual Temperature 1.6
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.

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

Sample																				
																		1	2	
16oz Amb/Clear	Soils Jars (Circle Amb/Clear)																			
8oz Amb/Clear																				
4oz Amb/Clear																				
2oz Amb/Clear																				
Unpreserved	Ambers	1 Liter																		
HCL																				
Sulfuric																				
Sulfuric		250mL																		
Phosphoric																				
HCl																				
Unpreserved		100mL																		
Unpreserved	Plastics	1 Liter																		
Sulfuric																				
Unpreserved		500mL																		
Sulfuric																				
Unpreserved		250mL																		
Trizma																			1	2
Sulfuric																				
Nitric																				
NaOH																				
Ammonium Acetate																				
NaOH/Zinc																				
Unpreserved	VOA Vials																			
HCl																				
MeOH																				
D.I. Water																				
BISulfate																				
Col/Bact	Other / Fill in																			