National Testing Laboratories, Ltd.
Quality Water Analysis

Corporate Headquarters
6571 Wilson Mills Road
Cleveland, Ohio 44143

Phone: 800-458-3330

This report package contains 24 pages.

This package contains reports from the following laboratories:

- National Testing Laboratories, Ltd. (7 pages)
- Pace Analytical Services, Inc.- Minneapolis, MN (5 pages)
- Pace Analytical Services, Inc. – Greensburg, PA (7 pages)
- EMSL Analytical, Inc. (1 page)
- Eurofins Eaton Analytical, Inc. (3 pages)

NELAP accredited #E87753

Laboratory ID: 2568

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

ANALYTICAL REPORTS

SAMPLE CODE: 447705

8/1/2023

Customer: Castle Rock Water Company
Kit Marshall
4121 Dunsmuir Avenue
Dunsmuir, CA 96025

Source: Mossbrae Spring
Source Type: Spring Water
Brand Name: Castle Rock Spring
Production Code: 5/11/23 11014114 008
Container Size: 500 mL

Date/Time Received: 6/22/2023 09:32
Collected by: K. Marshall

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	6/26/2023	14:01		7/26/2023
1074	Antimony	200.8	0.006	mg/L	0.003	ND	1	6/26/2023	14:01		7/12/2023
1005	Arsenic	200.8	0.010	mg/L	0.002	ND	1	6/26/2023	14:01		7/12/2023
1010	Barium	200.7	2	mg/L	0.10	ND	1	6/26/2023	14:01		7/26/2023
1075	Beryllium	200.7	0.004	mg/L	0.001	ND	1	6/26/2023	14:01		7/26/2023
1079	Boron	200.7	--	mg/L	0.10	ND	1	6/26/2023	14:01		7/26/2023
1015	Cadmium	200.7	0.005	mg/L	0.001	ND	1	6/26/2023	14:01		7/26/2023
1016	Calcium	200.7	--	mg/L	2.0	12.0	1	6/26/2023	14:01		7/26/2023
1020	Chromium	200.7	0.100	mg/L	0.007	ND	1	6/26/2023	14:01		7/26/2023
1022	Copper	200.7	1.0	mg/L	0.002	0.003	1	6/26/2023	14:01		7/26/2023
1028	Iron	200.7	0.3	mg/L	0.020	ND	1	6/26/2023	14:01		7/26/2023
1030	Lead	200.8	0.015	mg/L	0.001	ND	1	6/26/2023	14:01		7/12/2023
1031	Magnesium	200.7	--	mg/L	0.10	5.30	1	6/26/2023	14:01		7/26/2023
1032	Manganese	200.7	0.05	mg/L	0.004	ND	1	6/26/2023	14:01		7/26/2023
1035	Mercury	200.8	0.002	mg/L	0.0002	ND	1	6/26/2023	14:01		7/12/2023
1036	Nickel	200.7	--	mg/L	0.005	ND	1	6/26/2023	14:01		7/26/2023
1042	Potassium	200.7	--	mg/L	1.0	2.2	1	6/26/2023	14:01		7/26/2023
1045	Selenium	200.8	0.05	mg/L	0.002	ND	1	6/26/2023	14:01		7/12/2023
1049	Silica	200.7	--	mg/L	0.05	46.00	1	6/26/2023	14:01		7/26/2023

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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	6/26/2023	14:01		7/26/2023	
1052	Sodium	200.7	--	mg/L	1	8		1	6/26/2023	14:01		7/26/2023	
1085	Thallium	200.8	0.002	mg/L	0.001	ND		1	6/26/2023	14:01		7/12/2023	
4009	Uranium	200.8	0.030	mg/L	0.001	ND		1	6/26/2023	14:01		7/12/2023	
1095	Zinc	200.7	5.000	mg/L	0.004	ND		1	6/26/2023	14:01		7/26/2023	
						Physical Factors							
1927	Alkalinity (Total as CaCO3)	2320B	--	mg/L	20	64		1	6/26/2023	14:01		6/28/2023	
1905	Apparent Color	2120B	15	CU	3	ND		1	6/26/2023	14:01		6/26/2023	15:50
1928	Bicarbonate (as CaCO3)	2320B	--	mg/L	20	64		1	6/26/2023	14:01		6/28/2023	
1929	Carbonate (as CaCO3)	2320B	--	mg/L	20	ND		1	6/26/2023	14:01		6/28/2023	
1910	Corrosivity	2330B	--	SI		-1.58	R2	1	6/26/2023	14:01		7/26/2023	
2905	Foaming Agents	5540C	0.5	mg/L	0.1	ND		1	6/26/2023	14:01		6/27/2023	14:50
						MBAS, calculated as Linear Alkylate Sulfonate (LAS), mol wt of 342.4 g/mole							
1915	Hardness	2340B	--	mg/L	5.0	52		1	6/26/2023	14:01		7/26/2023	
1021	Hydroxide (as CaCO3)	2320B	--	mg/L	20	ND		1	6/26/2023	14:01		6/28/2023	
1920	Odor Threshold	2150B	3	ton	1	ND		1	6/26/2023	14:01		6/26/2023	14:55
1925	pH	150.1	6.5-8.5	pH Units		6.9		1	6/26/2023	14:01		6/26/2023	15:00
4254	pH Temperature	150.1	--	Deg, C		20		1	6/26/2023	14:01		6/26/2023	15:00
1064	Specific Cond. @ 25 deg. C	2510B	--	umhos/cm	1	140		1	6/26/2023	14:01		7/12/2023	
1930	Total Dissolved Solids	2540C	500	mg/L	5	110		1	6/26/2023	14:01		6/28/2023	
0100	Turbidity	2130B	1	NTU	0.1	0.3		1	6/26/2023	14:01		6/26/2023	15:40
						Inorganic Analytes - Other							
1011	Bromate	300.1	0.010	mg/L	0.005	ND		1	6/26/2023	14:01		6/28/2023	
1004	Bromide	300.1	--	mg/L	0.005	ND		1	6/26/2023	14:01		6/28/2023	
1006	Chloramine as Cl2	4500Cl-G	4.0	mg/L	0.05	ND		1	6/26/2023	14:01		6/27/2023	14:43
1017	Chloride	300.0	250	mg/L	1.0	4.2		1	6/26/2023	14:01		6/27/2023	14:21
1012	Chlorine as Cl2	4500Cl-G	4.0	mg/L	0.05	ND		1	6/26/2023	14:01		6/27/2023	14:40
1008	Chlorine Dioxide as Cl02	4500Cl02D	0.8	mg/L	0.1	ND		1	6/26/2023	14:01		6/27/2023	14:43
1009	Chlorite	300.1	1.0	mg/L	0.005	ND		1	6/26/2023	14:01		6/28/2023	
1025	Fluoride	300.0	4.0	mg/L	0.10	ND		1	6/26/2023	14:01		6/27/2023	14:21
1040	Nitrate as N	300.0	10	mg/L	0.05	0.19		1	6/26/2023	14:01		6/27/2023	14:21
1041	Nitrite as N	300.0	1	mg/L	0.05	ND		1	6/26/2023	14:01		6/27/2023	14:21
1044	Ortho Phosphate	300.0	--	mg/L	2.0	ND		1	6/26/2023	14:01		6/27/2023	14:21
1055	Sulfate	300.0	250	mg/L	5.0	ND		1	6/26/2023	14:01		6/27/2023	14:21
						Organic Analytes - Trihalomethanes							
2943	Bromodichloromethane	524.2 THMs	--	mg/L	0.0005	ND		1	6/26/2023	14:01		7/6/2023	
2942	Bromoform	524.2 THMs	--	mg/L	0.0005	ND		1	6/26/2023	14:01		7/6/2023	
2941	Chloroform	524.2 THMs	--	mg/L	0.0005	ND		1	6/26/2023	14:01		7/6/2023	

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Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled		Date Prepped	Date/Time Analyzed
2944	Dibromochloromethane	524.2 THMs	--	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
2950	Total THMs	524.2 THMs	0.080	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
	Organic Analytes - Haloacetic Acids										
2454	Dibromoacetic Acid	552.2 HAAs	--	ug/L	1.0	ND	1	6/26/2023	14:01	7/6/2023	7/10/2023
2451	Dichloroacetic Acid	552.2 HAAs	--	ug/L	1.0	ND	1	6/26/2023	14:01	7/6/2023	7/10/2023
2453	Monobromoacetic Acid	552.2 HAAs	--	ug/L	1.0	ND	1	6/26/2023	14:01	7/6/2023	7/10/2023
2450	Monochloroacetic Acid	552.2 HAAs	--	ug/L	1.0	ND	1	6/26/2023	14:01	7/6/2023	7/10/2023
2452	Trichloroacetic Acid	552.2 HAAs	--	ug/L	1.0	ND	1	6/26/2023	14:01	7/6/2023	7/10/2023
2456	Total HAAs	552.2 HAAs	60	ug/L	1.0	ND	1	6/26/2023	14:01	7/6/2023	7/10/2023
	Organic Analytes - Volatiles										
2986	1,1,1,2-Tetrachloroethane	524.2	--	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
2981	1,1,1-Trichloroethane	524.2	0.2	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
2988	1,1,2,2-Tetrachloroethane	524.2	--	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
2985	1,1,2-Trichloroethane	524.2	0.005	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
2978	1,1-Dichloroethane	524.2	--	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
2977	1,1-Dichloroethene	524.2	0.007	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
2410	1,1-Dichloropropene	524.2	--	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
2420	1,2,3-Trichlorobenzene	524.2	--	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
2414	1,2,3-Trichloropropane	524.2	--	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
2378	1,2,4-Trichlorobenzene	524.2	0.07	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
2418	1,2,4-Trimethylbenzene	524.2	--	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
2968	1,2-Dichlorobenzene	524.2	0.6	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
2980	1,2-Dichloroethane	524.2	0.005	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
2983	1,2-Dichloropropane	524.2	0.005	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
2424	1,3,5-Trimethylbenzene	524.2	--	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
2967	1,3-Dichlorobenzene	524.2	--	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
2412	1,3-Dichloropropane	524.2	--	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
2969	1,4-Dichlorobenzene	524.2	0.075	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
2416	2,2-Dichloropropane	524.2	--	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
2965	2-Chlorotoluene	524.2	--	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
2966	4-Chlorotoluene	524.2	--	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
2030	4-Isopropyltoluene	524.2	--	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
2990	Benzene	524.2	0.005	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
2993	Bromobenzene	524.2	--	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
2430	Bromochloromethane	524.2	--	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
2214	Bromomethane	524.2	--	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
2982	Carbon Tetrachloride	524.2	0.005	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
2989	Chlorobenzene	524.2	0.1	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
2216	Chloroethane	524.2	--	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023
2210	Chloromethane	524.2	--	mg/L	0.0005	ND	1	6/26/2023	14:01		7/6/2023

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Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected		DF	Date/Time Sampled		Date Prepped	Date/Time Analyzed
2380	cis-1,2-Dichloroethene	524.2	0.07	mg/L	0.0005	ND		1	6/26/2023	14:01		7/6/2023
2228	cis-1,3-Dichloropropene	524.2	--	mg/L	0.0005	ND		1	6/26/2023	14:01		7/6/2023
2408	Dibromomethane	524.2	--	mg/L	0.0005	ND		1	6/26/2023	14:01		7/6/2023
2212	Dichlorodifluoromethane	524.2	--	mg/L	0.0005	ND		1	6/26/2023	14:01		7/6/2023
2964	Dichloromethane	524.2	0.005	mg/L	0.0005	ND		1	6/26/2023	14:01		7/6/2023
2992	Ethylbenzene	524.2	0.7	mg/L	0.0005	ND		1	6/26/2023	14:01		7/6/2023
2246	Hexachlorobutadiene	524.2	--	mg/L	0.0005	ND		1	6/26/2023	14:01		7/6/2023
2994	Isopropylbenzene	524.2	--	mg/L	0.0005	ND		1	6/26/2023	14:01		7/6/2023
2251	Methyl Tert Butyl Ether	524.2	--	mg/L	0.0005	ND		1	6/26/2023	14:01		7/6/2023
2247	Methyl-Ethyl Ketone	524.2	--	mg/L	0.005	ND	R2	1	6/26/2023	14:01		7/6/2023
2248	Naphthalene	524.2	--	mg/L	0.0005	ND		1	6/26/2023	14:01		7/6/2023
2422	n-Butylbenzene	524.2	--	mg/L	0.0005	ND		1	6/26/2023	14:01		7/6/2023
2997	o-Xylene	524.2	--	mg/L	0.0005	ND		1	6/26/2023	14:01		7/6/2023
2963	p and m-Xylenes	524.2	--	mg/L	0.0010	ND		1	6/26/2023	14:01		7/6/2023
	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	6/26/2023	14:01		7/6/2023
2428	sec-Butylbenzene	524.2	--	mg/L	0.0005	ND		1	6/26/2023	14:01		7/6/2023
2996	Styrene	524.2	0.1	mg/L	0.0005	ND		1	6/26/2023	14:01		7/6/2023
2426	tert-Butylbenzene	524.2	--	mg/L	0.0005	ND		1	6/26/2023	14:01		7/6/2023
2987	Tetrachloroethene	524.2	0.005	mg/L	0.0005	ND		1	6/26/2023	14:01		7/6/2023
2991	Toluene	524.2	1	mg/L	0.0005	ND		1	6/26/2023	14:01		7/6/2023
2979	trans-1,2-Dichloroethene	524.2	0.1	mg/L	0.0005	ND		1	6/26/2023	14:01		7/6/2023
2224	trans-1,3-Dichloropropene	524.2	--	mg/L	0.0005	ND		1	6/26/2023	14:01		7/6/2023
2984	Trichloroethene	524.2	0.005	mg/L	0.0005	ND		1	6/26/2023	14:01		7/6/2023
2218	Trichlorofluoromethane	524.2	--	mg/L	0.0005	ND		1	6/26/2023	14:01		7/6/2023
2904	Trichlorotrifluoroethane	524.2	--	mg/L	0.0005	ND		1	6/26/2023	14:01		7/6/2023
2976	Vinyl Chloride	524.2	0.002	mg/L	0.0005	ND		1	6/26/2023	14:01		7/6/2023
2955	Xylenes (Total)	524.2	10	mg/L	0.0005	ND		1	6/26/2023	14:01		7/6/2023
	Organic Analytes - Others											
2931	1,2-Dibromo-3-chloropropane	504.1	0.0002	mg/L	0.00001	ND		1	6/26/2023	14:01	6/29/2023	6/29/2023
2946	1,2-Dibromoethane	504.1	0.00005	mg/L	0.00001	ND		1	6/26/2023	14:01	6/29/2023	6/29/2023
2105	2,4-D	515.4	70	ug/L	0.1	ND		1	6/26/2023	14:01	6/30/2023	7/6/2023
2066	3-Hydroxycarbofuran	531.2	--	ug/L	1.0	ND		1	6/26/2023	14:01		7/17/2023
2051	Alachlor	525.2	2	ug/L	0.2	ND		1	6/26/2023	14:01	6/29/2023	7/17/2023
2047	Aldicarb	531.2	7	ug/L	1.0	ND		1	6/26/2023	14:01		7/17/2023
2044	Aldicarb sulfone	531.2	7	ug/L	1.0	ND		1	6/26/2023	14:01		7/17/2023
2043	Aldicarb sulfoxide	531.2	7	ug/L	1.0	ND		1	6/26/2023	14:01		7/17/2023
2356	Aldrin	505	--	mg/L	0.00007	ND		1	6/26/2023	14:01	6/29/2023	6/29/2023
2050	Atrazine	525.2	3	ug/L	0.1	ND		1	6/26/2023	14:01	6/29/2023	7/17/2023
2625	Bentazon	515.4	--	ug/L	1	ND		1	6/26/2023	14:01	6/30/2023	7/6/2023
2306	Benzo(A)pyrene	525.2	0.2	ug/L	0.02	ND		1	6/26/2023	14:01	6/29/2023	7/17/2023

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8/1/2023

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected		DF	Date/Time Sampled		Date Prepped	Date/Time Analyzed
2076	Butachlor	525.2	--	ug/L	0.2	ND		1	6/26/2023	14:01	6/29/2023	7/17/2023
2021	Carbaryl	531.2	--	ug/L	1.0	ND		1	6/26/2023	14:01		7/17/2023
2046	Carbofuran	531.2	40	ug/L	1.0	ND		1	6/26/2023	14:01		7/17/2023
2959	Chlordane	505	0.002	mg/L	0.0001	ND		1	6/26/2023	14:01	6/29/2023	6/29/2023
2031	Dalapon	515.4	200	ug/L	1	ND		1	6/26/2023	14:01	6/30/2023	7/6/2023
2035	Di(2-ethylhexyl) adipate	525.2	400	ug/L	0.2	ND		1	6/26/2023	14:01	6/29/2023	7/17/2023
2039	Di(2-ethylhexyl) phthalate	525.2	6	ug/L	0.6	ND		1	6/26/2023	14:01	6/29/2023	7/17/2023
2440	Dicamba	515.4	--	ug/L	1	ND		1	6/26/2023	14:01	6/30/2023	7/6/2023
2933	Dichloran	505	--	mg/L	0.001	ND		1	6/26/2023	14:01	6/29/2023	6/29/2023
2070	Dieldrin	505	--	mg/L	0.00002	ND		1	6/26/2023	14:01	6/29/2023	6/29/2023
2041	Dinoseb	515.4	7	ug/L	0.2	ND		1	6/26/2023	14:01	6/30/2023	7/6/2023
2032	Diquat	549.2	20	ug/L	0.4	ND		1	6/26/2023	14:01	6/27/2023	7/11/2023
2033	Endothall	548.1	100	ug/L	9	ND		1	6/26/2023	14:01	6/30/2023	7/11/2023
2005	Endrin	505	0.002	mg/L	0.00001	ND		1	6/26/2023	14:01	6/29/2023	6/29/2023
2034	Glyphosate	547	700	ug/L	6	ND		1	6/26/2023	14:01		6/26/2023
2065	Heptachlor	505	0.0004	mg/L	0.00001	ND		1	6/26/2023	14:01	6/29/2023	6/29/2023
2067	Heptachlor Epoxide	505	0.0002	mg/L	0.00001	ND		1	6/26/2023	14:01	6/29/2023	6/29/2023
2274	Hexachlorobenzene	505	0.001	mg/L	0.0001	ND		1	6/26/2023	14:01	6/29/2023	6/29/2023
2042	Hexachlorocyclopentadiene	505	0.05	mg/L	0.0001	ND		1	6/26/2023	14:01	6/29/2023	6/29/2023
2010	Lindane	505	0.0002	mg/L	0.00002	ND		1	6/26/2023	14:01	6/29/2023	6/29/2023
2022	Methomyl	531.2	--	ug/L	1.0	ND		1	6/26/2023	14:01		7/17/2023
2015	Methoxychlor	505	0.04	mg/L	0.0001	ND		1	6/26/2023	14:01	6/29/2023	6/29/2023
2045	Metolachlor	525.2	--	ug/L	0.2	ND		1	6/26/2023	14:01	6/29/2023	7/17/2023
2595	Metribuzin	525.2	--	ug/L	0.2	ND		1	6/26/2023	14:01	6/29/2023	7/17/2023
2626	Molinate	525.2	--	ug/L	0.2	ND		1	6/26/2023	14:01	6/29/2023	7/17/2023
2036	Oxamyl	531.2	200	ug/L	1.0	ND		1	6/26/2023	14:01		7/17/2023
2934	Pentachloronitrobenzene	505	--	mg/L	0.0001	ND		1	6/26/2023	14:01	6/29/2023	6/29/2023
2326	Pentachlorophenol	515.4	1	ug/L	0.04	ND		1	6/26/2023	14:01	6/30/2023	7/6/2023
2040	Picloram	515.4	500	ug/L	0.1	ND		1	6/26/2023	14:01	6/30/2023	7/6/2023
2077	Propachlor	525.2	--	ug/L	0.2	ND		1	6/26/2023	14:01	6/29/2023	7/17/2023
2110	Silvex 2,4,5-TP	515.4	50	ug/L	0.2	ND		1	6/26/2023	14:01	6/30/2023	7/6/2023
2037	Simazine	525.2	4	ug/L	0.07	ND		1	6/26/2023	14:01	6/29/2023	7/17/2023
2627	Thiobencarb	525.2	--	ug/L	0.2	ND		1	6/26/2023	14:01	6/29/2023	7/17/2023
2383	Total PCBs	505	0.0005	mg/L	0.0005	ND		1	6/26/2023	14:01	6/29/2023	6/29/2023
2910	Total Phenols	420.4	--	mg/L	0.001	ND	R2	1	6/26/2023	14:01		6/28/2023
2020	Toxaphene	505	0.003	mg/L	0.001	ND		1	6/26/2023	14:01	6/29/2023	6/29/2023
2055	Trifluralin	505	--	mg/L	0.001	ND		1	6/26/2023	14:01	6/29/2023	6/29/2023

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: 447705

8/1/2023

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

Sarah Buchanan

Sarah Buchanan, Project Manager

Analyst	Tests
ZSC	200.7,2330B,2340B
DMJ	200.8
SP	2320B,2120B,5540C,2150B,150.1,2510B,2130B
CF	2540C
SG	300.1,300.0
DHG	4500Cl-G,4500Cl02D,420.4
SB	524.2 THMs,524.2,531.2,549.2,547
BNF	552.2 HAAs,504.1,515.4,505
JLF	525.2,548.1

Laboratory ID: 2568

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

ANALYTICAL REPORTS

SAMPLE CODE: 447704

8/1/2023

Customer: Castle Rock Water Company
Kit Marshall
4121 Dunsmuir Avenue
Dunsmuir, CA 96025

Source: Mossbrae Spring
Source Type: Spring Water
Brand Name: Castle Rock Spring
Production Code: 5/11/23 11014114 008
Container Size: 500 mL

Date/Time Received: 6/22/2023 09:32
Collected by: K. Marshall

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	6/26/2023 14:01		6/26/2023 17:21
3001	Standard Plate Count	9215B	500	CFU/ml	1	<1	1	6/26/2023 14:01		6/26/2023 17:01
				Pour Plate Method, 35°C/48hr, Plate Count Agar						
3000	Total Coliform	9223B	1	MPN/100 mL	1	ND	1	6/26/2023 14:01		6/26/2023 17:21

Analyst	Tests
GK	9223B,9215B

Sarah Buchanan

Sarah Buchanan, Project Manager

Date Printed: 8/1/2023 2:52:58 PM

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

Pace Analytical™

www.pacelabs.com

Report Prepared for:

Christian Schmidt
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:
10659717

Report Prepared Date:
July 10, 2023

Finished Product

Sample ID: 447705
Source Name: Mossbrae Spring
Source Location: Dunsmuir, CA
PWS ID: N/A
Date & Time Opened: 06/30/2023 @ 10:29
Opened By:
Laboratory Sample ID: 10659717001
Date Sampled: 06/30/2023 @ 10:29
Date Received: 06/29/2023 @ 09:20

This report has been reviewed by:

Joanne Richardson

July 10, 2023
Joanne Richardson,
(612) 607-6453
(612) 607-6444 (fax)

NELAP ACCREDITED TNI LABORATORY

Report of Laboratory Analysis

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

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

Minnesota Laboratory Certifications

Authority	Certificate #	Authority	Certificate #
		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-	27700
California	2929	North Carolina-	530
Colorado	MN00064	North Dakota	R-036
Connecticut	PH-0256	Ohio-DW	41244
Florida	E87605	Ohio-VAP (170	CL101
Georgia	959	Ohio-VAP (180	CL110
Hawaii	MN00064	Oklahoma	9507
Idaho	MN00064	Oregon-Primary	MN300001
Illinois	200011	Oregon-Second	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-D	382
Minnesota	027-053-137	West Virginia-D	9952C
Minnesota-Ag	via MN 027-053	Wisconsin	999407970
Minnesota-Petr	1240	Wyoming-UST	via A2LA 2926.
Mississippi	MN00064		

REPORT OF LABORATORY ANALYSIS

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

Reporting Flags

A = Reporting Limit based on signal to noise (EDL)

B = Less than 10x higher than method blank level

C = Result obtained from confirmation analysis

D = Result obtained from analysis of diluted sample

E = Exceeds calibration range

H2 = Extracted outside of holding time

I = Isotope ratio out of specification

J = Estimated value

L = Suppressive interference, analyte may be biased low

Nn = Value obtained from additional analysis

P = PCDE Interference

R = Recovery outside target range

S = Peak saturated

U = Analyte not detected

V = Result verified by confirmation analysis

X = %D Exceeds limits

Y = Calculated using average of daily RFs

REPORT OF LABORATORY ANALYSIS

National Testing Laboratories, Ltd.

Quality Water Analysis

1-800-458-3330

Beverage - Finished Product

Order Number: 2219001
Order Date: 6/1/2023 447705
Sample Number:
Product: FDABASE GDRX
Paid: No **Method:** **P.O.:**
TSR: SBW

Dunsmuir CA 96025

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

Date Opened: ___/___/___ **Time Opened:** ____:____
Please Use Military Time, e.g. 3:00pm = 15:00

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

PWS ID# (if applicable):

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

Source Name: Mossbrae Springs
(Source Information is REQUIRED for All Finished Products)

City & State: Dunsmuir, CA 96025
(If Different than Above)

Product Collected By: ✓
(Signature)

Product Collected By: K. Marshall
(Please Print)

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

Container Size: 500 ML 5/11/23

Production Code/Lot Number: 11014114 008

Form Completed By: K. Marshall

Additional Comments:

For Laboratory Use ONLY

Lab Accounting Information:
Payment $:
Check #:

Lab Comments/Special Instructions:
Spring Product
Dioxin

State Forms:

Lab Sample Information:
Date Received: RECEIVED JUN 22 2023
Time Received: 09 : 32
Received By: Amp
Date Opened: ___/___/___
Time Opened: ____:____
Opened By:
☒ 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**

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.....447705
Client..... National Testing Laborato
Lab Sample ID..... 10659717001

Date Collected.....06/30/2023
Date Received.....06/29/2023
Date Extracted.....06/30/2023

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

	Sample 447705	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	--	--	127%	116%
pg Recovered	--	--	255pg/L	232pg/L
Spike Recovery Limit	--	--	73-146%	73-146%
RPD				9.4%
IS Recovery	**34%**	56%	54%	63%
pg Recovered	673 pg/L	1117 pg/L	1087 pg/L	1266 pg/L
IS Recovery Limits	31-137%	31-137%	25-141%	25-141%
CS Recovery	**75%**	86%	85%	83%
pg Recovered	149 pg/L	172 pg/L	170 pg/L	165 pg/L
CS Recovery Limits	42-164%	42-164%	37-158%	37-158%
Filename	E230705B_10	E230705A_05	E230705A_03	E230705A_04
Analysis Date	07/06/2023	07/05/2023	07/05/2023	07/05/2023
Analysis Time	00:46	09:39	08:36	09:07
Analyst	SMT	SMT	SMT	SMT
Volume	0.998L	1.006L	0.989L	1.000L
Dilution	NA	NA	NA	NA
ICAL Date	05/16/2023	05/16/2023	05/16/2023	05/16/2023
CCAL Filename	E230705B_02	E230705A_02	E230705A_02	E230705A_02

! = Outside the Control Limits
ND = Not Detected
LOQ = Limit of Quantitation
Limits = Control Limits from Method 1613 (10/94 Revision), Tables 6A and 7A
RPD = Relative Percent Difference of Lab Spike Recoveries
IS = Internal Standard [2,3,7,8-TCDD- $^{13}C_{12}$]
CS = Cleanup Standard [2,3,7,8-TCDD- $^{37}Cl_4$]

Analyst:

Project No.....10659717

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

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 2219001
Pace Project No.: 30599977

Sample: 447705 **Lab ID: 30599977001** Collected: 06/28/23 12:15 Received: 06/28/23 12:15 Matrix: Drinking Water
PWS: Site ID: Sample Type:

Comments:
- FINISHED PRODUCT, Mossbrace Spring, Dunsmuir, CA
- Castle Rock Spring, Prod. code: 11014114, Cont. size: 500 ml
- No date/time/opened by listed.
- Sample collection dates and times were not present on the sample containers.
- Upon receipt at the laboratory, 5.0 mls of nitric acid were added to the sample to meet the sample preservation requirement of pH <2 for radiochemistry analysis. The samples were preserved <2 within the required 5 days of collection.

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
		Pace Analytical Services - Greensburg				
Radon	SM 7500RnB-07	**-24.2 ± 25.4 (46.6) C:NA T:NA**	pCi/L	06/30/23 10:05	10043-92-2	
		Pace Analytical Services - Greensburg				
Gross Alpha	EPA 900.0	**-0.335 ± 0.883 (2.91) C:NA T:NA**	pCi/L	07/13/23 11:33	12587-46-1	
Gross Beta	EPA 900.0	**1.89 ± 1.06 (1.95) C:NA T:NA**	pCi/L	07/13/23 11:33	12587-47-2	
		Pace Analytical Services - Greensburg				
Radium-226	EPA 903.1	**0.0922 ± 0.313 (0.604) C:NA T:91%**	pCi/L	07/17/23 13:19	13982-63-3	
		Pace Analytical Services - Greensburg				
Radium-228	EPA 904.0	**-0.0142 ± 0.294 (0.698) C:82% T:83%**	pCi/L	07/11/23 12:47	15262-20-1	
		Pace Analytical Services - Greensburg				
Total Radium	Total Radium Calculation	**0.0922 ± 0.607 (1.30)**	pCi/L	07/18/23 16:01	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: 2219001
Pace Project No.: 30599977

QC Batch: 599033
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: 30599977001

METHOD BLANK: 2911612 Matrix: Water
Associated Lab Samples: 30599977001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Gross Alpha	-0.190 ± 0.429 (1.43) C:NA T:NA	pCi/L	07/13/23 11:32	
Gross Beta	0.183 ± 0.688 (1.66) C:NA T:NA	pCi/L	07/13/23 11:32	

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: 2219001
Pace Project No.: 30599977

QC Batch: 598200
QC Batch Method: SM 7500RnB-07
Analysis Method: SM 7500RnB-07
Analysis Description: 7500Rn B Radon
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30599977001

METHOD BLANK: 2907427 Matrix: Water
Associated Lab Samples: 30599977001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radon	4.4 ± 19.1 (33.0) C:NA T:NA	pCi/L	06/30/23 07:11	

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.

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

QUALITY CONTROL - RADIOCHEMISTRY

Project: 2219001
Pace Project No.: 30599977

QC Batch: 598252
QC Batch Method: EPA 904.0
Analysis Method: EPA 904.0
Analysis Description: 904.0 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30599977001

METHOD BLANK: 2907742 Matrix: Water
Associated Lab Samples: 30599977001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.175 ± 0.342 (0.754) C:76% T:87%	pCi/L	07/11/23 12:44	

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: 2219001
Pace Project No.: 30599977

QC Batch: 598251
QC Batch Method: EPA 903.1
Analysis Method: EPA 903.1
Analysis Description: 903.1 Radium-226
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30599977001

METHOD BLANK: 2907740
Matrix: Water
Associated Lab Samples: 30599977001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.110 ± 0.190 (0.339) C:NA T:94%	pCi/L	07/17/23 13:02	

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: 2219001
Pace Project No.: 30599977

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

CERTIFICATIONS

Project: 2219001
Pace Project No.: 30599977

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

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:	042315594
Customer ID:	NTLI78
Customer PO:	14630
Project ID:	

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

Phone: (440) 449-2525
Fax: (Ema) il -only
Received: 06/29/2023
Analyzed: 07/14/2023

Proj: 447705

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

Sample ID Client / EMSL	Sample Filtration Date/Time	Original Sample Vol. Filtered (ml)	Effective Filter Area (mm^2)	Area Analyzed (mm^2)	ASBESTOS Asbestos Types	Fibers Detected	Analytical Sensitivity	Concentration	Confidence Limits
							MFL (million fibers per liter)		
447705 042315594-0001	7/3/2023 11:32 AM	100	1346	0.0780	None Detected	ND	0.17	<0.17	0.00 - 0.64

Collection Date/Time: *05/11/2023 09:32 AM*

Bottle supplied by client.

Analyst(s)
Seri Smith (1)

Samantha Rundstrom, Laboratory Manager
or Other Approved Signatory

Any questions please contact Samantha Rundstrom-Cruz.

Initial report from: 07/14/2023 10:05:18

Client: National Testing Laboratories, Ltd
Project/Site: 447705/ 2219001

Job ID: 810-68015-1

Client Sample ID: 447705
Date Collected: 06/29/23 08:00
Date Received: 06/29/23 08:00

Lab Sample ID: 810-68015-1
Matrix: Bottled Water

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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			07/07/23 18:33	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		07/03/23 12:22	07/03/23 13:47	1

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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

Accreditation/Certification Summary

Client: National Testing Laboratories, Ltd
Project/Site: 447705/ 2219001

Job ID: 810-68015-1

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	06-30-24

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		Bottled Water	Perchlorate
335.4	Distill/CN	Bottled Water	Cyanide, Total