

Compliance Designs

CLIENT: Aqua Filter Fresh
One Commerce Drive
Pittsburgh, PA 15239

DATE OF REPORT: Quarter 3, 2022
REPORT #: 344-1114
LABORATORY ID#: 436183

NOTE: “*” indicates that maximum levels have been exceeded, or in the case of pH, is either too high or too low
“ND” indicates that none of this analyte has been detected at or above the specified detection level
“MCL” indicates maximum contaminant level as established by US FDA for bottled water
“RL” indicates laboratory reporting limit for method
Units results are reported in mg/L unless otherwise noted

ANALYSIS PERFORMED	MCL ¹ (mg/L)	RL (mg/L)	SPRING FINISHED PRODUCT (Produced from Boiling Spring) 344-1114 (mg/L)
Primary Inorganics			
Antimony	0.006	0.003	ND
Arsenic	0.01	0.002	ND
Asbestos	7 MFL	0.19	ND
Barium	2	0.10	ND
Beryllium	0.004	0.001	ND
Cadmium	0.005	0.001	ND
Chromium	0.1	0.007	ND
Cyanide	0.2	0.02	ND
Fluoride	See endnote ²	0.10	ND
Lead	0.005	0.001	ND
Mercury	0.002	0.0002	ND
Nickel	0.1	0.005	ND
Nitrogen, Nitrate	10	0.05	0.50
Nitrogen, Nitrite	1.0	0.05	ND
Nitrogen - NO3/NO2 (NOX)	10	0.05	0.50
Selenium	0.05	0.002	ND
Thallium	0.002	0.001	ND
Secondary Inorganics			
Alkalinity	--	20	78
Aluminum	0.2	0.05	ND
Bicarbonate	--	20	78
Boron	--	0.10	ND
Bromide	--	0.005	0.010
Calcium	--	2	28
Carbonate	--	20	ND
Chloride	250 ³	1	2.0
Copper	1	0.002	ND
Corrosivity	--	--	-0.54
Foaming Agents	--	0.1	ND
Hardness, Total	--	5	81
Hydroxide	--	20	ND
Iron	0.3 ³	0.020	ND
Magnesium	--	0.1	2.60
Manganese	0.05 ³	0.004	ND
Orthophosphate	--	2.0	ND
pH	See endnote ⁴	0.1	7.5
Phenol	0.001	0.001	ND
Potassium	--	1	ND
Silver	0.1	0.002	ND
Silica	--	0.05	7.10
Sodium	--	1	2
Specific Conductance	-- umho/cm	1	170
Sulfate	250	5	ND
TDS	500 ^{3,5}	5	85
Zinc	5 ³	0.004	ND

ANALYSIS PERFORMED	MCL (mg/L)	RL (mg/L)	SPRING FINISHED PRODUCT (Produced from Boiling Spring) 344-1114 (mg/L)
Physical			
Color	15 ³ CU	3	ND
Odor	3 ³ TON	1	ND
Turbidity	5 NTU	0.1	ND
Microbiological			
Total Coliform	Absence	1	ND
E. Coli.	Absence	1	ND
Heterotrophic Plate Count	-- cfu/mL	1	ND
Radiologicals			
Gross Alpha	15 pCi/L	1.89	ND
Gross Beta	50 pCi/L ⁵	1.47	ND
Radium 226/228	5 pCi/L	0.532 / 0.777	ND / ND
Uranium	0.030	0.001	ND
Radon	-- pCi/L	73.7	ND
Volatile Organic Compounds			
EPA 524.2:			
Total Trihalomethanes	0.080	0.0005	ND
Benzene	0.005	0.0005	ND
Bromobenzene	--	0.0005	ND
Bromochloromethane	--	0.0005	ND
Bromodichloromethane	--	0.0005	ND
Bromoform	--	0.0005	ND
Bromomethane	--	0.0005	ND
n-Butylbenzene	--	0.0005	ND
sec-Butylbenzene	--	0.0005	ND
tert-Butylbenzene	--	0.0005	ND
Carbon Tetrachloride	0.005	0.0005	ND
Chlorobenzene	0.1	0.0005	ND
Chloroethane	--	0.0005	ND
Chloroform	--	0.0005	ND
Chloromethane	--	0.0005	ND
2-Chlorotoluene	--	0.0005	ND
4-Chlorotoluene	--	0.0005	ND
Chlorodibromomethane	--	0.0005	ND
Dibromomethane	--	0.0005	ND
1,2-Dichlorobenzene	0.6	0.0005	ND
1,3-Dichlorobenzene	--	0.0005	ND
1,4-Dichlorobenzene	0.075	0.0005	ND
Dichlorodifluoromethane	--	0.0005	ND
1,1-Dichloroethane	--	0.0005	ND
1,2-Dichloroethane	0.005	0.0005	ND
1,1-Dichloroethylene	0.007	0.0005	ND
cis-1,2-Dichloroethylene	0.07	0.0005	ND
trans-1,2-Dichloroethylene	0.1	0.0005	ND
1,2-Dichloropropane	0.005	0.0005	ND
1,3-Dichloropropane	--	0.0005	ND
2,2-Dichloropropane	--	0.0005	ND
1,1-Dichloropropene	--	0.0005	ND
cis-1,3-Dichloropropene	--	0.0005	ND
trans-1,3-Dichloropropene	--	0.0005	ND
Ethylbenzene	0.7	0.0005	ND

ANALYSIS PERFORMED	MCL (mg/L)	RL (mg/L)	SPRING FINISHED PRODUCT (Produced from Boiling Spring) 344-1114 (mg/L)
EPA 524.2 continued:			
Hexachlorobutadiene	--	0.0005	ND
Isopropylbenzene	--	0.0005	ND
4-Isopropyltoluene	--	0.0005	ND
Methyl tert-Butyl Ether (MTBE)	--	0.0005	ND
Methyl Ethyl Ketone (MEK)	--	0.005	ND
Methylene Chloride	0.005	0.0005	ND
Naphthalene	--	0.0005	ND
n-Propylbenzene	--	0.0005	ND
Styrene	0.1	0.0005	ND
1,1,1,2-Tetrachloroethane	--	0.0005	ND
1,1,2,2-Tetrachloroethane	--	0.0005	ND
Tetrachloroethylene	0.005	0.0005	ND
Toluene	1	0.0005	ND
1,2,3-Trichlorobenzene	--	0.0005	ND
1,2,4-Trichlorobenzene	0.07	0.0005	ND
1,1,1-Trichloroethane	0.2	0.0005	ND
1,1,2-Trichloroethane	0.005	0.0005	ND
Trichloroethylene	0.005	0.0005	ND
Trichlorofluoromethane	--	0.0005	ND
Trichlorotrifluoroethane	--	0.0005	ND
1,2,3-Trichloropropane	--	0.0005	ND
1,2,4-Trimethylbenzene	--	0.0005	ND
1,3,5-Trimethylbenzene	--	0.0005	ND
Vinyl Chloride	0.002	0.0003	ND
m+p-Xylenes	--	0.001	ND
ortho-Xylene	--	0.0005	ND
Total Xylene	10	0.0005	ND
Add'l Organics			
EPA 504.1:			
1,2-Dibromoethane	0.00005	0.00001	ND
1,2 Dibromo-3-chloropropane	0.0002	0.00001	ND
1,2,3-Trichloropropane	0.00003	0.00001	ND
EPA 505:			
Aldrin	--	0.00007	ND
Chlordane (alpha and gamma)	0.002	0.0001	ND
Dichloran	--	0.001	ND
Dieldrin	--	0.00002	ND
Endrin	0.002	0.00001	ND
Heptachlor	0.0004	0.00001	ND
Heptachlor Epoxide	0.0002	0.00001	ND
Hexachlorobenzene	0.001	0.0001	ND
Hexachlorocyclopentadiene	0.05	0.0001	ND
Lindane	0.0002	0.00002	ND
Methoxychlor	0.04	0.0001	ND
Pentachloronitrobenzene	--	0.0001	ND
Total PCBs	0.0005	0.0005	ND
Toxaphene	0.003	0.001	ND
Trifluralin	--	0.001	ND

ANALYSIS PERFORMED	MCL (mg/L)	RL (mg/L)	SPRING FINISHED PRODUCT (Produced from Boiling Spring) 344-1114 (mg/L)
EPA 515.4: Bentazon 2,4-D Dalapon Dicamba Dinoseb Pentachlorophenol Picloram 2,4,5-TP (Silvex)	-- 0.07 0.2 -- 0.007 0.001 0.5 0.05	0.001 0.0001 0.001 0.001 0.0002 0.00004 0.0001 0.0002	ND ND ND ND ND ND ND ND
EPA 525.2: Alachlor Atrazine Benzo(a)Pyrene Butachlor Di(2-ethylhexyl)Adipate Di(2-ethylhexyl)Phthalate Metolachlor Metribuzin Molinate Propachlor Simazine Thiobencarb	0.002 0.003 0.0002 -- 0.4 0.006 -- -- -- -- -- 0.004 --	0.0002 0.0001 0.00002 0.0002 0.0002 0.0006 0.0002 0.0002 0.0002 0.0002 0.0002 0.00007 0.0002	ND ND ND ND ND ND ND ND ND ND ND ND ND
EPA 531.2: Aldicarb (TEMIK) Aldicarb sulfone Aldicarb sulfoxide Carbaryl Carbofuran (FURADAN) 3-Hydroxycarbofuran Methomyl Oxamyl (VYDATE)	-- -- -- -- 0.04 -- -- -- 0.2	0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001	ND ND ND ND ND ND ND ND
EPA 547: Glyphosate	0.7	0.006	ND
EPA 548.1: Endothall	0.1	0.009	ND
EPA 549.2: Diquat	0.02	0.0004	ND

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EPA 1613: 2,3,7,8-TCDD (DIOXIN)	3x10-8	5.0x10-9	ND
Disinfection Byproducts			
EPA 317: Bromate	0.010	0.005	ND
EPA 300.1B: Chlorite	1.0	0.005	ND
EPA 552.2:			
Dibromoacetic acid	--	0.001	ND
Dichloroacetic acid	--	0.001	ND
Monobromoacetic acid	--	0.001	ND
Monochloroacetic acid	--	0.001	ND
Trichloroacetic acid	--	0.001	ND
Haloacetic Acids, Total	0.060	0.001	ND
EPA 524.2:			
Total Trihalomethanes	0.080	0.0005	ND
Bromodichloromethane	--	0.0005	ND
Bromoform	--	0.0005	ND
Chloroform	--	0.0005	ND
Chlorodibromomethane	--	0.0005	ND
Residual Disinfectants			
SM4500-CL G:			
Residual Chlorine, Total	4.0	0.05	ND
Chloramines	4.0	0.05	ND
SM4500-CIO2-D:			
Chlorine Dioxide	0.8	0.1	ND
Miscellaneous			
EPA 331.0:			
Perchlorate	--	0.00005	ND

EPA approved methods were used in all of the analyses and a listing is available upon request. These test results may be used for compliance purposes as required.

¹ The EPA, some State agencies and/or the IBWA may have established alternate MCLs for some of these analytes. Please refer to Federal, State and Industry codes.

² Fluoride MCL is determined by annual average of maximum daily air temperatures where the bottled water is sold. Refer to tables found in 21 CFR 165. The MCL for bottled water to which Fluoride has been added is 0.7 mg/L.

³ Mineral water is exempt from allowable levels per 21 CFR 165.110(b)(3) and (4). The exemptions are aesthetically based allowable levels and do not relate to a health concern.

⁴ MCL established by US FDA for waters that meet the US FDA definition of "Purified" is 5-7 pH Units per the USP XXIII Standards, as referenced in 21 CFR 165.

⁵ The bottled water shall not contain beta particle and photon radioactivity from man-made radionuclides in excess of that which would produce an annual dose equivalent to the total body or any internal organ of 4 millirems per year calculated on the basis of an intake of 2 liters of the water per day (= 50 pCi/L).

GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : Compliance Design Inc.
 Address : 159 South Stark Highway
 Weare, New Hampshire 03281

Report Date: November 21, 2022

Contact: Jennifer Rock
 Project: **Source for Aqua Filter Fresh One Commerce
 Drive Pittsburgh, PA 15239**

Client Sample ID:	344-1112 Spring Finished Product	Project:	CDIN00219
Sample ID:	600152001	Client ID:	CDIN001
Matrix:	Drinking Water (Potable)		
Collect Date:	08-NOV-22 12:00		
Receive Date:	09-NOV-22		
Collector:	Client		

Parameter	Qualifier	Result	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
LCMSMS PFCs											
<i>EPA 537.1 PFCs by LC-MS/MS "As Received"</i>											
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	U	ND	1.62	ng/L	0.0172	1	MB2	11/12/22	0938	2341948	1
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)	U	ND	1.72	ng/L	0.0172	1					
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	U	ND	1.60	ng/L	0.0172	1					
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	U	ND	3.43	ng/L	0.0172	1					
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	U	ND	3.43	ng/L	0.0172	1					
Perfluorobutane sulfonic acid (PFBS)	U	ND	1.53	ng/L	0.0172	1					
Perfluorodecanoic acid (PFDA)	U	ND	1.72	ng/L	0.0172	1					
Perfluorododecanoic acid (PFDOA)	U	ND	1.72	ng/L	0.0172	1					
Perfluoroheptanoic acid (PFHpA)	U	ND	1.72	ng/L	0.0172	1					
Perfluorohexane sulfonic acid (PFHxS)	U	ND	1.56	ng/L	0.0172	1					
Perfluorohexanoic acid (PFHxA)	U	ND	1.72	ng/L	0.0172	1					
Perfluorononanoic acid (PFNA)	U	ND	1.72	ng/L	0.0172	1					
Perfluorooctane sulfonic acid (PFOS)	U	ND	1.72	ng/L	0.0172	1					
Perfluorooctanoic acid (PFOA)	U	ND	1.72	ng/L	0.0172	1					
Perfluorotetradecanoic acid (PFTDA)	U	ND	1.72	ng/L	0.0172	1					
Perfluorotridecanoic acid (PFTTrDA)	U	ND	1.72	ng/L	0.0172	1					
Perfluoroundecanoic acid (PFUnDA)	U	ND	1.72	ng/L	0.0172	1					
4,8-Dioxa-3H-	U	ND	1.72	ng/L	0.0172	1					