

Compliance Designs

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

DATE OF REPORT: Quarter 3, 2022
REPORT #: 344-1113
LABORATORY ID#: 434548

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)	DISTILLED FINISHED PRODUCT (Produced from Plum Boro Municipal) 344-1113 (mg/L)
Primary Inorganics			
Antimony	0.006	0.003	ND
Arsenic	0.01	0.002	ND
Asbestos	7 MFL	0.17	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	0.013
Nitrogen, Nitrate	10	0.05	ND
Nitrogen, Nitrite	1.0	0.05	ND
Nitrogen - NO3/NO2 (NOX)	10	0.05	ND
Selenium	0.05	0.002	ND
Thallium	0.002	0.001	ND
Secondary Inorganics			
Alkalinity	--	20	ND
Aluminum	0.2	0.05	ND
Bicarbonate	--	20	ND
Boron	--	0.10	ND
Bromide	--	0.005	ND
Calcium	--	2	ND
Carbonate	--	20	ND
Chloride	250 ³	1	ND
Copper	1	0.002	ND
Corrosivity	--	--	-5.51
Foaming Agents	--	0.1	ND
Hardness, Total	--	5	ND
Hydroxide	--	20	ND
Iron	0.3 ³	0.020	ND
Magnesium	--	0.1	ND
Manganese	0.05 ³	0.004	ND
Orthophosphate	--	2.0	ND
pH	See endnote ⁴	0.1	5.6
Phenol	0.001	0.001	ND
Potassium	--	1	ND
Silver	0.1	0.002	ND
Silica	--	0.05	0.09
Sodium	--	1	ND
Specific Conductance	-- umho/cm	1	1
Sulfate	250	5	ND
TDS	500 ^{3,5}	5	ND
Zinc	5 ³	0.004	0.007

ANALYSIS PERFORMED	MCL (mg/L)	RL (mg/L)	DISTILLED FINISHED PRODUCT (Produced from Plum Boro Municipal) 344-1113 (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	1.78	ND
Gross Beta	50 pCi/L ⁵	1.69	ND
Radium 226/228	5 pCi/L	0.573 / 0.500	ND / ND
Uranium	0.030	0.001	ND
Volatile Organic Compounds EPA 524.2:			
Total Trihalomethanes	0.080	0.0005	0.0009
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	0.0009
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)	DISTILLED FINISHED PRODUCT (Produced from Plum Boro Municipal) 344-1113 (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)	DISTILLED FINISHED PRODUCT (Produced from Plum Boro Municipal) 344-1113 (mg/L)
EPA 515.4:			
Bentazon	--	0.001	ND
2,4-D	0.07	0.0001	ND
Dalapon	0.2	0.001	ND
Dicamba	--	0.001	ND
Dinoseb	0.007	0.0002	ND
Pentachlorophenol	0.001	0.00004	ND
Picloram	0.5	0.0001	ND
2,4,5-TP (Silvex)	0.05	0.0002	ND
EPA 525.2:			
Alachlor	0.002	0.0002	ND
Atrazine	0.003	0.0001	ND
Benzo(a)Pyrene	0.0002	0.00002	ND
Butachlor	--	0.0002	ND
Di(2-ethylhexyl)Adipate	0.4	0.0002	ND
Di(2-ethylhexyl)Phthalate	0.006	0.0006	ND
Metolachlor	--	0.0002	ND
Metribuzin	--	0.0002	ND
Molinate	--	0.0002	ND
Propachlor	--	0.0002	ND
Simazine	0.004	0.00007	ND
Thiobencarb	--	0.0002	ND
EPA 531.2:			
Aldicarb (TEMIK)	--	0.001	ND
Aldicarb sulfone	--	0.001	ND
Aldicarb sulfoxide	--	0.001	ND
Carbaryl	--	0.001	ND
Carbofuran (FURADAN)	0.04	0.001	ND
3-Hydroxycarbofuran	--	0.001	ND
Methomyl	--	0.001	ND
Oxamyl (VYDATE)	0.2	0.001	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

ANALYSIS PERFORMED	MCL (mg/L)	RL (mg/L)	DISTILLED FINISHED PRODUCT (Produced from Plum Boro Municipal) 344-1113 (mg/L)
EPA 1613: 2,3,7,8-TCDD (DIOXIN)	3x10 ⁻⁸	5.0x10 ⁻⁹	ND
Disinfection Byproducts EPA 317: Bromate EPA 300.1B: Chlorite	0.010 1.0	0.005 0.005	ND ND
EPA 552.2: Dibromoacetic acid Dichloroacetic acid Monobromoacetic acid Monochloroacetic acid Trichloroacetic acid Haloacetic Acids, Total	-- -- -- -- -- 0.060	0.001 0.001 0.001 0.001 0.001 0.001	ND ND ND ND ND ND
EPA 524.2: Total Trihalomethanes Bromodichloromethane Bromoform Chloroform Chlorodibromomethane	0.080 -- -- -- --	0.0005 0.0005 0.0005 0.0005 0.0005	0.0009 ND ND 0.0009 ND
Residual Disinfectants SM4500-CL G: Residual Chlorine, Total Chloramines	4.0 4.0	0.05 0.05	ND 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).

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Report Date: 07/27/2021

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

Attention: Water Quality Manager - Pittsburgh, PA

Parameter	Method	Reporting Limit	Result
Sample ID: 344-1302 Distilled Finished Product			Sample #: 202107160727
Other Compounds			
11-chloroeicosafuoro-3-oxaundecane-sulfonic acid	EPA 537.1	0.000002	ND
9-chlorohexadecafluoro-3-oxanone-sulfonic acid	EPA 537.1	0.000002	ND
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	EPA 537.1	0.000002	ND
Hexafluoropropylene oxide dimer acid (HFPO-DA)	EPA 537.1	0.000002	ND
N-ethyl Perfluorooctanesulfonamidoacetic acid	EPA 537.1	0.000002	ND
N-methyl Perfluorooctanesulfonamidoacetic acid	EPA 537.1	0.000002	ND
Perfluorobutanesulfonic acid (PFBS)	EPA 537.1	0.000002	ND
Perfluorodecanoic acid (PFDA)	EPA 537.1	0.000002	ND
Perfluorododecanoic acid (PFDoA)	EPA 537.1	0.000002	ND
Perfluoroheptanoic acid (PFHpA)	EPA 537.1	0.000002	ND
Perfluorohexanesulfonic acid (PFHxS)	EPA 537.1	0.000002	ND
Perfluorohexanoic acid (PFHxA)	EPA 537.1	0.000002	ND
Perfluorononanoic acid (PFNA)	EPA 537.1	0.000002	ND
Perfluorooctanesulfonic acid (PFOS)	EPA 537.1	0.000002	ND
Perfluorooctanoic acid (PFOA)	EPA 537.1	0.000002	ND
Perfluorotetradecanoic acid (PFTA)	EPA 537.1	0.000002	ND
Perfluorotridecanoic acid (PFTrDA)	EPA 537.1	0.000002	ND
Perfluoroundecanoic acid (PFUnA)	EPA 537.1	0.000002	ND