



QFT LABORATORIES, LLC

41D Germay Drive, Wilmington, DE 19804
PHONE 856-583-0445 www.enviroteklab.com
EPA ID # NJ01298 NJ DEP ID # 03048

Send To:

Jean Dlugopolski
IAPMO
Hickory Creek Drive Suite 220
Mokena, IL 60448
708-995-3006

Result: Passed

Date:01/21/2019

Customer Name: BellaVie Water LLC

Tested To: NSF/ANSI Standard 53 Lead Reduction pH 8.5 PT 120%

Description: Gravity filter EWPHAI AF

Test Type: Qualification

Project Manager: Jaime Young

Thank you for having your product tested by QFT Laboratories, LLC.
Please contact your Project Manager if you have any questions or concerns pertaining to this report.

Report Authorization


Jaime A. Young
Lab Director

Date: 01/21/2019



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NSF/ANSI Standard 53 Lead Reduction Test pH 8.5: Passed

Manufacturer's Name: Bella Vie Water LLC
Date Sample Received: 11/20/2018
Date Test Completed: 01/18/19
Sample Type: Qualification
Flow Rate: Maximum 1 GPH
Filter Capacity: 200 Gallons
Conditioning Procedure: Fill upper tank full and dispose of the first batch of filtered water (used general test water)
Physical Description of Sample: Gravity filter
Performance Indicator Device: No, test to 200% capacity
Test Description: NSF/ANSI Std. 53 – Lead Reduction Testing pH 8.5
Trade Designation/Model Number: EWPHAIAF
Unit Volume: 0.1 L
Performance Standard: NSF/ANSI 53 – 2017
Pass/Fail Criteria (Lead): 10 µg/L



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Filter #1 Data Summary Table

Sample Point	Influent 1 Lead (µg/L)	Accumulated Volume Effluent 1	Effluent 1 Lead Concentration (µg/L)	Effluent 1 Fine Particulate (%)	Effluent 1 Total Particulate (%)
Start	165	Start	<1	57.2	39.3
10%	135	20 gallons	<1	37.7	33.2
20%	160	40 gallons	<1	42.4	33.4
30%	164	60 gallons	<1	40.4	35.0
40%	165	80 gallons	1.1	39.8	35.3
50%	164	100 gallons	<1	40.6	34.9
60%	135	120 gallons	<1	37.2	28.9
70%	165	140 gallons	3.1	49.3	31.8
80%	164	160 gallons	1.2	50.0	31.5
90%	136	180 gallons	1.8	35.0	29.4
100%	138	200 gallons	1.0	39.5	34.6
110%	164	220 gallons	2.9	47.2	35.0
120%	144	240 gallons	3.8	35.1	37.2
130%	135	260 gallons	<1	36.5	33.2
140%	162	280 gallons	<1	41.4	34.3
150%	141	300 gallons	<1	38.1	35.9
160%	165	320 gallons	2.5	49.3	31.8
170%	141	340 gallons	2.5	35.6	31.9
180%	159	360 gallons	2.8	54.0	39.6
190%	136	380 gallons	<1	35.0	29.4
200%	148	400 gallons	1.8	35.4	35.1

Filter #2 Data Summary Table

Sample Point	Influent 2 Lead (µg/L)	Accumulated Volume Effluent 2	Effluent 2 Lead Concentration (µg/L)	Effluent 2 Fine Particulate (%)	Effluent 2 Total Particulate (%)
Start	165	Start	<1	57.2	39.3
10%	135	20 gallons	<1	37.7	33.2
20%	160	40 gallons	<1	42.4	33.4
30%	164	60 gallons	<1	40.4	35.0
40%	165	80 gallons	<1	39.8	35.3
50%	164	100 gallons	<1	40.6	34.9
60%	135	120 gallons	<1	37.2	28.9
70%	165	140 gallons	<1	49.3	31.8
80%	164	160 gallons	<1	50.0	31.5
90%	136	180 gallons	<1	35.0	29.4
100%	138	200 gallons	2.0	39.5	34.6
110%	164	220 gallons	1.4	47.2	35.0
120%	144	240 gallons	1.4	35.1	37.2
130%	135	260 gallons	3.4	36.5	33.2
140%	162	280 gallons	<1	41.4	34.3
150%	141	300 gallons	<1	38.1	35.9
160%	165	320 gallons	2.7	49.3	31.8
170%	141	340 gallons	<1	35.6	31.9
180%	159	360 gallons	2.7	54.0	39.6
190%	136	380 gallons	<1	35.0	29.4
200%	148	400 gallons	<1	35.4	35.1

Lead Detection Limit: 1 µg/L



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Filter #1 Data Analysis Table

Sample Point	Influent 1 Lead (µg/L)	Accumulated Volume Effluent 1	Effluent 1 Lead Concentration (µg/L)	% Reduction
Start	165	Start	<1	>99.4%
10%	135	20 gallons	<1	>99.3%
20%	160	40 gallons	<1	>99.4%
30%	164	60 gallons	<1	>99.4%
40%	165	80 gallons	1.1	99.3%
50%	164	100 gallons	<1	>99.4%
60%	135	120 gallons	<1	>99.3%
70%	165	140 gallons	3.1	98.1%
80%	164	160 gallons	1.2	99.3%
90%	136	180 gallons	1.8	98.7%
100%	138	200 gallons	1.0	99.3%
110%	164	220 gallons	2.9	98.2%
120%	144	240 gallons	3.8	97.4%
130%	135	260 gallons	<1	>99.3%
140%	162	280 gallons	<1	>99.4%
150%	141	300 gallons	<1	>99.3%
160%	165	320 gallons	2.5	98.5%
170%	141	340 gallons	2.5	98.2%
180%	159	360 gallons	2.8	98.2%
190%	136	380 gallons	<1	>99.3%
200%	148	400 gallons	1.8	98.8%

Filter #2 Data Analysis Table

Sample Point	Influent 2 Lead (µg/L)	Accumulated Volume Effluent 2	Effluent 2 Lead Concentration (µg/L)	% Reduction
Start	165	Start	<1	>99.4%
10%	135	20 gallons	<1	>99.3%
20%	160	40 gallons	<1	>99.4%
30%	164	60 gallons	<1	>99.4%
40%	165	80 gallons	<1	>99.4%
50%	164	100 gallons	<1	>99.4%
60%	135	120 gallons	<1	>99.3%
70%	165	140 gallons	<1	>99.4%
80%	164	160 gallons	<1	>99.4%
90%	136	180 gallons	<1	>99.3%
100%	138	200 gallons	2.0	98.6%
110%	164	220 gallons	1.4	99.1%
120%	144	240 gallons	1.4	99.0%
130%	135	260 gallons	3.4	97.5%
140%	162	280 gallons	<1	>99.4%
150%	141	300 gallons	<1	>99.3%
160%	165	320 gallons	2.7	98.4%
170%	141	340 gallons	<1	>99.3%
180%	159	360 gallons	2.7	98.3%
190%	136	380 gallons	<1	>99.3%
200%	148	400 gallons	<1	>99.3%

Lead Detection Limit: 1 µg/L

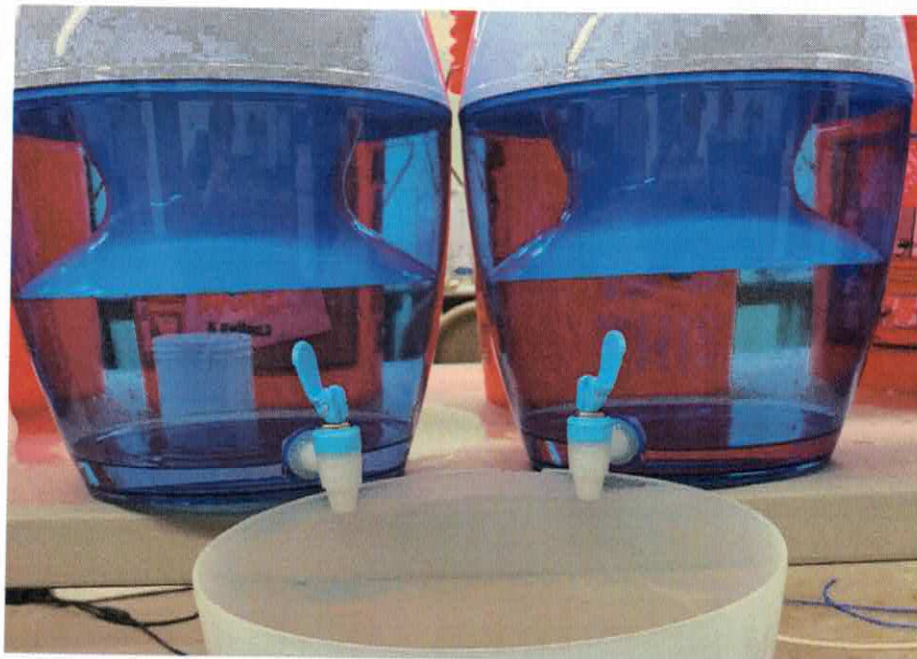
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Water Characteristics Filter 1 and 2

Sample Point	pH	Alkalinity (90-110)	Hardness (90-110)	Temperature	T Chlorine
Start	8.72	100	101	21.0	0.3
20 gallons	8.65	99	103	21.0	0.3
40 gallons	8.65	101	100	21.5	0.4
60 gallons	8.27	103	99	21.5	0.3
80 gallons	8.72	105	102	21.5	0.3
100 gallons	8.69	107	103	21.5	0.3
120 gallons	8.67	104	102	21.5	0.3
140 gallons	8.71	103	101	21.5	0.4
160 gallons	8.69	102	100	21.5	0.3
180 gallons	8.58	101	100	21.5	0.2
200 gallons	8.61	99	100	21.5	0.3
220 gallons	8.67	97	99	21.5	0.3
240 gallons	8.71	99	97	21.0	0.4
260 gallons	8.74	101	99	21.0	0.3
280 gallons	8.52	103	100	21.0	0.4
300 gallons	8.58	101	103	21.0	0.3
320 gallons	8.67	99	102	21.0	0.3
340 gallons	8.52	102	99	21.0	0.4
360 gallons	8.29	107	97	21.0	0.5
380 gallons	8.27	105	101	21.5	0.4
400 gallons	8.71	101	103	21.5	0.4
Average	8.60	102	101	21.3	0.34

Filter System Tested





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CERTIFICATION OF RESULTS:

I certify in writing that all analyses, and reporting performed herein, comply with all requirements set forth in N.J.A.C. 7:9E and N.J.A.C. 7:18, and hereby certify that this laboratory is in compliance with all laboratory certification and quality control procedures and requirements as set forth in N.J.A.C. 7:18; the NYCRR Subpart 55-2 and the National Environmental Laboratory Accreditation Conference (NELAC) Institute Standards.

Disclaimer: The test results are only related to the filter cartridges tested, in the condition received at the laboratory.

Jaime A. Young

Jaime A. Young
Lab Director