

QFT LABORATORY, LLC.

1041 Glassboro Road Suite E-4, Williamstown NJ 08094

PHONE 856-583-0445 www.enviroteklab.com

EPA ID # DE00946 IAPMO ID# 000102

Send To:

Mitchell Phan

Bella Vie

23251 Vista Grande Drive Unit A

Laguna Hills, CA 92653

949-278-4056

Result: Passed

Date: 10/08/2019

Customer Name: Bella Vie Water LLC

Tested To: Standard P-473 PFOAS Reduction PT 200%

Description: Gravity Filter #EWPHAI AF

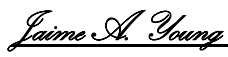
Test Type: Qualification

Project Manager: Jaime Young

Thank you for having your product tested by QFT Laboratory, 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: 10/08/2019

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Standard P473 PFOAS Reduction PT 200%: Passed

Manufacturer's Name: Bella Vie Water LLC

Sample Type: Qualification

Product: Gravity Filter

Flow Rate: 12 gpd

Filter Capacity: 200 gallons

Cycle: continuous

Conditioning Procedure: Fill top tank and empty discard

Physical Description of Sample: Gravity

Performance Indicator Device: No, test to 200% Capacity

Test Description: NSF P473 PFOAS Reduction Testing

Trade Designation/Model Number: EWPHAIAF

Unit Volume: 0.1 L

Performance Standard: NSF P473 – 2016

Pass/Fail Criteria (PFOA+PFOS Combined Maximum Product Water Concentration): 0.07 µg/L

*NOTE: Flow dropped to <1 gpd after day 3

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PFOA Filter #1 Data Summary Table

Sample Point	Accumulated Volume Effluent 1	Influent 1 PFOA (µg/L)	Effluent 1 PFOA Concentration (µg/L)	% Reduction
10 UV	10 UV	0.48	<0.01	>97.92%
50%	50 gallons	0.48	<0.01	>97.92%
100%	100 gallons	0.48	<0.01	>97.92%
150%	150 gallons	0.48	<0.01	>97.92%
180%	180 gallons	0.48	<0.01	>97.92%
200%	200 gallons	0.48	<0.01	>97.92%
250%	250 gallons	0.57	<0.01	>98.25%
300%	300 gallons	0.51	<0.01	>98.04%
350%	350 gallons	0.41	0.01	97.56%
380%	380 gallons	0.46	0.01	97.83%
400%	400 gallons	0.53	0.02	96.23%

PFOA Reporting Limit: 0.01 µg/L

PFOS Filter #1 Data Summary Table

Sample Point	Accumulated Volume Effluent 1	Influent 1 PFOS (µg/L)	Effluent 1 PFOS Concentration (µg/L)	% Reduction
10 UV	10 UV	0.93	<0.01	>98.92%
50%	50 gallons	0.93	0.01	98.92%
100%	100 gallons	0.93	0.01	98.92%
150%	150 gallons	0.93	0.02	97.85%
180%	180 gallons	0.93	<0.01	>98.92%
200%	200 gallons	0.93	0.01	98.92%
250%	250 gallons	1.07	<0.01	>99.07%
300%	300 gallons	1.01	<0.01	>99.01%
350%	350 gallons	1.09	0.01	99.08%
380%	380 gallons	1.12	0.02	98.21%
400%	400 gallons	1.08	0.02	98.15%

PFOS Reporting Limit: 0.01 µg/L

PFOA & PFOS Data Summary Filter 1

Sample Point	Accumulated Volume Effluent 1	Influent Total PFOA + PFOS Concentration (µg/L)	Effluent 1 Total PFOA + PFOS Concentration (µg/L)	Passing Criteria
10 UV	10 UV	1.41	<0.01	Passed
50%	50 gallons	1.41	0.01	Passed
100%	100 gallons	1.41	0.01	Passed
150%	150 gallons	1.41	0.02	Passed
180%	180 gallons	1.41	<0.01	Passed
200%	200 gallons	1.41	0.01	Passed
250%	250 gallons	1.64	<0.01	Passed
300%	300 gallons	1.52	<0.01	Passed
350%	350 gallons	1.50	0.02	Passed
380%	380 gallons	1.58	0.03	Passed
400%	400 gallons	1.61	0.04	Passed

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Water Characteristics Filter 1 and 2.

Sample Point	pH (7.5±0.5)	Temperature (20±3°C)	TDS (200 to 500 mg/L)	Turbidity (<1 NTU)
10 UV	7.4	23	208	0.6
50%	7.4	23	212	0.6
100%	7.2	23	209	0.4
150%	7.2	23	216	0.6
180%	7.1	23	204	0.4
200%	7.4	23	207	0.5
250%	7.3	22.8	307	0.5
300%	7.2	22.5	309	0.4
350%	7.3	22.1	305	0.4
380%	7.1	22.1	309	0.3
400%	7.3	22.4	311	0.4
Average	7.3	23	209	0.5

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Filter System Tested



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