Aqua Filter Fresh, Inc.
Flow Chart:
Spring Water
5/24/2023

UV Light Sanitizer 254nm

Particulate Filtration

Silo @ Tanker Station

Stainless Steel Tanker Delivered to Pittsburgh

Tanker Off Loading Station with CIP (Clean In Place)

Sediment Filtration

UV Light Sanitizer 254nm

60,000 Gallon Spring Water Storage Silo

UV Air Sanitizer/Oxidizer 254nm 185 nm & HEPA Filter

UV Water Recirculation Sanitizer 254nm

.45 Micron Absolute Filtration

CMF (Charged Membrane Filtration) for Bacteria, Virus & Cyst

4 Log Virus Reduction UV Sanitizer 254nm

Ozone Sanitation Contact Tank

UV Light Sanitizer 254nm & Ozone Destruct Option

In-Line 40 Mesh Screen

Positive Air Pressure to Clean Room with UV Air Sanitizer 254nm 185nm & 3 MicronAir Filtration

Filling Room

Filler / Capper

Full Bottles of Spring Water

Product Type and Date Coding

Robot (Bottle Handling & Rack Conveyor)

Full Bottles to Customer

Bottle Washer

2 Station R/O Water Rinse

5 Station Ozonated Sanitation Rinse

1 Station Fast Rinse

6 Station Hot Water & Soap Wash with 10 Micron Filter

2 Station Prewash With Bottle Scrubing Brushes

Physical Bottle Inspection Station (Visual & Smell)

Bottle Leak Tester & Bottle Recycling

Empty Bottles from Robot

De-capper & Cap Recycling

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