

**SH-Exh-X-54**  
**Docket UW 170924**  
**Sarah Hand**

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BEFORE THE WASHINGTON  
UTILITIES AND TRANSPORTATION COMMISSION

SARAH HAND AND GRETCHEN HAND,  
a married couple  
  
Complainant,  
  
v.  
  
RAINIER VIEW WATER COMPANY, INC.,  
  
Respondent.

DOCKET UW 170924  
  
**SARAH HAND'S EXHIBIT 54 TO  
CROSS EXAMINATION**

**EXHIBIT 54**  
**TO CROSS EXAMINATION OF BOB BLACKMAN AND RACHEL STARK**  
**July 25, 2018**

Mountain Mist Natural Spring Water Webpage



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## All Natural Spring Water

### Spring (hydrosphere)

A **spring** is a point where groundwater flows out of the ground, and is thus where the aquifer surface meets the ground surface. Dependent upon the constancy of the water source, rainfall or snowmelt that infiltrates the earth, a spring may be ephemeral, (intermittent) or perennial (continuous).

### Formation

Water issuing from an artesian spring rises to a higher elevation than the top of the confined aquifer from which it issues. When water issues from the ground it may form into a pool or flow downhill, in surface streams. Sometimes a spring is termed a seep.

Minerals become dissolved in the water as it moves through the underground rocks. This may give the water flavor and even carbon dioxide bubbles, depending upon the nature of the geology through which it passes. This is why spring water is often bottled and sold as mineral water, although the term is often the subject of deceptive advertising. Springs that contain significant amounts of minerals are sometimes called 'mineral springs'.

**Mountain Mist bottles all natural spring water right at the source, 6.35 PH level.**

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## Water Analysis

Mountain Mist is bottled at the source, pumped directly from our wells into our bottling facility. From the sand and gravel sediment filter, ultra-violet sterilization light and ozonation system our water is bottled then delivered to your home or office within 24 hours!

## What about minerals?

There are two forms of minerals, organic and inorganic. Organic minerals refer to living mineral such as those found in vegetables, fruits, seeds, grains, meats and nuts. Inorganic minerals refer to non-vegetable or non-animal matter, i.e. not living. This includes carbonate and lime compounds, calcium, iron and magnesium.

## Reports

[Mountain Mist's Spring Water Analysis Report \(PDF\)](#)

[Mountain Mist's Distilled Water Analysis Report \(PDF\)](#)

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# Certificate of Compliance

This is to certify that

**EDGE ANALYTICAL, Inc.,**

An Accredited Drinking Water Laboratory,

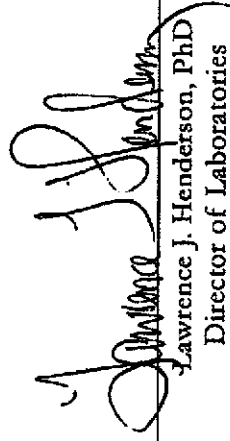
Certification number 046, has completed the analysis of

**MOUNTAIN MIST**

“Mountain Mist Finished Product-Spring”

on March 22, 2018, according to the FDA testing requirements for bottled drinking water.  
All parameters were found to be in compliance with 21 CFR 165 and 21 CFR 129  
published limits for bottled drinking water.

**EDGE**  
ANALYTICAL



Lawrence J. Henderson, PhD  
Director of Laboratories

18-05925



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**Bend, OR Microbiology (e)**  
 20332 Empey Blvd Ste 4 - Bend, OR 97701 - 541.639.8426

## BOTTLED WATER STANDARD OF QUALITY REPORT

Client Name: Mountain Mist  
 5410 189th Street E  
 Puyallup, WA 98375

Reference Number: 18-05925

Authorized by:

Lawrence J Henderson, PhD  
 Director of Laboratories, Vice President

Project: Annual Finished Product-Spring

Field ID: FDA Annual

Sample Description: Mountain Mist Finished Product-Spring

Sampled By: R. Bray

Sample Date: 02/22/2018

Lab Number: 12364

Report Date: 03/22/2018

Approved By: anp,bj,co,fm,hkl,mcs,nml,pr

### Inorganic Chemicals (IOCs)

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method	Lab	COMMENT
7440-36-0	ANTIMONY	ND	0.006	0.001	mg/L	200.8	a	
7440-38-2	ARSENIC	ND	0.010	0.001	mg/L	200.8	a	
7440-39-3	BARIUM	ND	1.0	0.010	mg/L	200.8	a	
7440-41-7	BERYLLIUM	ND	0.004	0.001	mg/L	200.8	a	
7440-43-9	CADMIUM	ND	0.005	0.001	mg/L	200.8	a	
7440-47-3	CHROMIUM	ND	0.05	0.005	mg/L	200.8	a	
16984-48-8	FLUORIDE	ND	2	0.10	mg/L	300.0	a	
7439-82-1	LEAD	ND	0.005	0.001	mg/L	200.8	a	
7439-97-6	MERCURY	ND	0.001	0.0002	mg/L	245.1	a	
7440-02-0	NICKEL	ND	0.1	0.001	mg/L	200.8	a	
14797-55-8	NITRATE-N	1.73	10	0.10	mg/L	300.0	a	
14797-65-0	NITRITE-N	ND	1.0	0.10	mg/L	300.0	a	
E-10128	TOTAL NITRATE/NITRITE	1.73	10	0.10	mg/L	300.0	a	
7782-49-2	SELENIUM	ND	0.010	0.005	mg/L	200.8	a	
7440-28-0	THALLIUM	ND	0.002	0.001	mg/L	200.8	a	

**Notation:**

A Result of "ND" indicates that the compound was not detected above the Lab's Reporting Limit - MRL.  
 SOQ - Standard of Quality, maximum permissible level of a contaminant in water established by CBWA, IRWA or US FDA.  
 MRL - Method Reporting Limit.

If you have any questions concerning this report contact us at the above phone number.

FORM: cFDA.rpt



Reference Number: 18-05925  
Lab Number: 12364  
Report Date: 03/22/2018

## BOTTLED WATER STANDARD OF QUALITY REPORT

### Secondary Inorganic Parameters

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method	Lab	COMMENT
7429-90-5	ALUMINUM	ND	0.2	0.010	mg/L	200.7	a	
16887-00-6	CHLORIDE	5.0	250	0.1	mg/L	300.0	a	
7440-50-8	COPPER	ND	1.0	0.005	mg/L	200.8	a	
7439-89-6	IRON	ND	0.3	0.050	mg/L	200.7	a	
7439-86-5	MANGANESE	ND	0.05	0.001	mg/L	200.8	a	
7440-22-4	SILVER	ND	0.025	0.010	mg/L	200.8	a	
14808-79-8	SULFATE	4.9	250	0.2	mg/L	300.0	a	
57-12-5	CYANIDE	ND	0.2	0.010	mg/L	OIA-1677-DW	a	
E-10173	TOTAL DISSOLVED SOLIDS (TDS)	87	500	10	mg/L	SM2540 C	a	
7440-66-6	ZINC	ND	5.00	0.050	mg/L	200.8	a	

**Notation:**

A Result of "ND" indicates that the compound was not detected above the Lab's Reporting Limit - MRL.  
SOQ - Standard of Quality, maximum permissible level of a contaminant in water established by CERCLA, EPCRA or US FDA.  
MRL - Method Reporting Limit.



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**Bend, OR Microbiology (a)**  
 20332 Empire Blvd Ste 4 - Bend, OR 97701 - 541.639.8425

## Data Report

Client Name: **Mountain Mist**  
 5410 189th Street E  
 Puyallup, WA 98375

Reference Number: **18-05925**  
 Project: **Annual Finished Product-Spring**

Report Date: **3/22/18**

Date Received: **2/21/18**

Approved by: **anp,bj**

Authorized by:

Lawrence J Henderson, PhD  
 Director of Laboratories, Vice President

Sample Description: FDA Annual - Mountain Mist Finished Product-Spring										Sample Date: 2/22/18 8:15 am		
Lab Number: 12364		Sample Comment:								Collected By: R. Bray		
CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Lab	Analyzed	Analyst	Batch	Comment
7440-70-2	CALCIUM	10.7	0.5	0.009	mg/L	1.0	200.7	a	2/28/18	ANP	200.7_180225A	
E-11778	HARDNESS as Calcium Carbonate	47.1	3.3	0.01	mg/L	1.0	200.7	a	2/28/18	ANP	200.7_180225A	
7439-95-4	MAGNESIUM	4.95	0.5	0.001	mg/L	1.0	200.7	a	2/28/18	ANP	200.7_180225A	
7440-09-7	POTASSIUM	1.81	1.0	0.1	mg/L	1.0	200.7	a	2/28/18	ANP	200.7_180225A	
7440-23-5	SODIUM	5.99	0.5	0.05	mg/L	1.0	200.7	a	2/28/18	ANP	200.7_180225A	
E-10184	ELECTRICAL CONDUCTIVITY	120	10		uS/cm	1.0	SM2510 B	a	2/28/18	HKL	EC_180225	

**Notes:**

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.  
 PQL = Practical Quantitation Limit is the lowest level that can be achieved within specified limits of precision and accuracy during routine laboratory operating conditions.  
 D.F. = Dilution Factor

If you have any questions concerning this report contact us at the above phone number.

Form: cResult.rpt