2017 BOTTLED WATER QUALITY REPORT
Deep Well Water

WAIĀKEA
HAWAIIAN VOLCANIC WATER

Bottler's Name: Waiakea Bottling, LLC
Address: Address: 447 Kalanianaole Street, Hilo HI 96720

Telephone Number: 1-855-WAIAKEA

Source(s): JC Well 3701-01
Kea'au, HI

Treatment process: Carbon Filtration
Ultraviolet Filtration

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 EPA and/or FDA or state
- "RL" indicates laboratory reporting limit for method

ANALYSIS PERFORMED	MCL[i] (mg/L)	RL (mg/L)	Finished Product Water 1413369-01 (mg/L)
Secondary Inorganics			
Calcium	--	1.0	7.0
Chloride	250[ii]	1.0	3.7
Magnesium	--	0.1	3.5
Potassium	--	1.0	2.4
Silica	--	0.50	44
Sodium	--	1.0	7.3
Sulfate	250[iii]	0.50	5.9
TDS	500[iii]	10	86
Physical			
Color	15[iii] CU	1.0	ND ACU
pH	--	--	7.6-8.2

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750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
Tel: (626) 386-1100
Fax: (626) 386-1101
1 800 566 LABS (1 800 566 5227)

ilac-MRA

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
AT-1807

Laboratory Report

for

Waiakea Hawaiian Volcanic Water
5800 Hannum Ave #135
Culver City, CA 90230
Attention: Steve Barber
Fax: 808 214 9066

Date of Issue
03/01/2017

Linda Geddes
EUROFINS EATON ANALYTICAL

LXG: Linda Geddes

Project Manager

NELAP ACCREDITED TNI LABORATORY
ORELAP 4034

Report: 622959
Project: FDA
Group: 50 State Source

* Accredited in accordance with TNI 2009 and ISO/IEC 17025:2005.
* Laboratory certifies that the test results meet all **TNI 2009 and ISO/IEC 17025:2005** requirements unless noted under the individual analysis.
* Following the cover page are State Certification List, ISO 17025 Accredited Method List, Acknowledgement of Samples Received, Comments, Hits Report, Data Report, QC Summary, QC Report and Regulatory Forms, as applicable.
* Test results relate only to the sample(s) tested.

STATE CERTIFICATION LIST

State	Certification Number	State	Certification Number
Alabama	41060	**Mississippi**	Certified
----------	--------	**Montana**	Cert 0035
Arizona	AZ0778	**Nebraska**	Certified
Arkansas	Certified	**Nevada**	CA00006-2016
California-Monrovia-ELAP	2813	**New Hampshire ***	2959
California-Colton- ELAP	2812	**New Jersey ***	CA 008
California-Folsom- ELAP	2820	**New Mexico**	Certified
California-Fresno- ELAP	2966	**New York ***	11320
Colorado	Certified	**North Carolina**	06701
Connecticut	PH-0107	**North Dakota**	R-009
Delaware	CA 006	**Oregon (Primary AB) ***	**ORELAP 4034**
Florida *	E871024	**Pennsylvania ***	68-565
Georgia	947	**Puerto Rico**	Certified
Guam	16-003r	**Rhode Island**	LAO00326
Hawaii	Certified	**South Carolina**	87016
Idaho	Certified	**South Dakota**	Certified
Illinois *	200033	**Tennessee**	TN02839
Indiana	C-CA-01	**Texas ***	T104704230-15-9
Kansas *	E-10268	**Utah ***	CA000062016-10
Kentucky	90107	**Vermont**	VT0114
Louisiana *	LA16003	**Virginia ***	460260
Maine	CA0006	**Washington**	C838
Maryland	224	**----------**	**----------**
Commonwealth of Northern Marianas Is.	MP0004	**----------**	**----------**
Massachusetts	M-CA006	**EPA Region 5**	Certified
Michigan	9906	**Los Angeles County Sanitation Districts**	10264

* NELAP/TNI Recognized Accreditation Bodies

Eurofins Eaton Analytical, Inc.
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016-3629
T | 626-386-1100
F | 626-386-1101
www.EatonAnalytical.com

ISO 17025 Accredited Method List

The tests listed below are accredited and meet the requirements of ISO 17025 as verified by the ANSI-ASQ National Accreditation Board/ANAB.

Refer to Certificate and scope of accreditation (AT 1807) found at: http://www.eatonanalytical.com

SPECIFIC TESTS	METHOD OR TECHNIQUE USED	Environ-mental (Drinking Water)	Environ-mental (Waste Water)	Water as a Component of Food and Bev/Bev/ Bottled Water
1,4-Dioxane	EPA 522	x		x
2,3,7,8-TCDD	Modified EPA 1613B	x		x
Acrylamide	In House Method (2440)	x		x
Alkalinity	SM 2320B	x	x	x
Ammonia	EPA 350.1		x	x
Ammonia	SM 4500-NH3 H		x	x
Anions and DBPs by IC	EPA 300.0	x	x	x
Anions and DBPs by IC	EPA 300.1	x		x
Asbestos	EPA 100.2	x	x	
Bicarbonate Alkalinity as HCO3	SM 2320B	x	x	x
BOD / CBOD	SM 5210B		x	x
Bromate	In House Method (2447)	x		x
Carbamates	EPA 531.2	x		x
Carbonate as CO3	SM 2330B	x	x	x
Carbonyls	EPA 556	x		x
COD	EPA 410.4 / SM 5220D		x	
Chloramines	SM 4500-CL G	x	x	x
Chlorinated Acids	EPA 515.4	x		x
Chlorinated Acids	EPA 555	x		x
Chlorine Dioxide	SM 4500-CLO2 D	x		x
Chlorine -Total/Free/ Combined Residual	SM 4500-Cl G	x	x	x
Conductivity	EPA 120.1		x	
Conductivity	SM 2510B	x	x	x
Corrosivity (Langelier Index)	SM 2330B	x		x
Cryptosporidium	EPA 1623	x		x
Cyanide, Amenable	SM 4500-CN G	x	x	
Cyanide, Free	SM 4500CN F	x	x	x
Cyanide, Total	EPA 335.4	x	x	x
Cyanogen Chloride (screen)	In House Method (2470)	x		x
Diquat and Paraquat	EPA 549.2	x		x
DBP/HAA	SM 6251B	x		x
Dissolved Oxygen	SM 4500-O G		x	x
DOC	SM 5310C	x		x
E. Coli	(MTF/EC+MUG)	x		x
E. Coli	CFR 141.21(f)(6)(i)	x		x
E. Coli	SM 9223		x	
E. Coli (Enumeration)	SM 9221B.1/ SM 9221F	x		x
E. Coli (Enumeration)	SM 9223B	x		x
EDB/DCBP	EPA 504.1	x		
EDB/DBCP and DBP	EPA 551.1	x		x
EDTA and NTA	In House Method (2454)	x		x
Endothall	EPA 548.1	x		x
Endothall	In-house Method (2445)	x		x
Enterococci	SM 9230B	x	x	
Fecal Coliform	SM 9221 E (MTF/EC)	x		
Fecal Coliform	SM 9221C, E (MTF/EC)		x	
Fecal Coliform (Enumeration)	SM 9221E (MTF/EC)	x		x
Fecal Coliform with Chlorine Present	SM 9221E		x	
Fecal Streptococci	SM 9230B	x	x	
Fluoride	SM 4500-F C	x	x	x
Giardia	EPA 1623	x		x
Glyphosate	EPA 547	x		x
Gross Alpha/Beta	EPA 900.0	x	x	x
Gross Alpha Coprecipitation	SM 7110 C	x	x	x
Hardness	SM 2340B	x	x	x
Heterotrophic Bacteria	In House Method (2439)	x		x
Heterotrophic Bacteria	SM 9215 B	x		x
Hexavalent Chromium	EPA 218.6	x	x	x
Hexavalent Chromium	EPA 218.7	x		x
Hexavalent Chromium	SM 3500-Cr B		x	
Hormones	EPA 539	x		x
Hydroxide as OH Calc.	SM 2330B	x		x
Kjeldahl Nitrogen	EPA 351.2		x	
Legionella	CDC Legionella	x		x
Mercury	EPA 245.1	x	x	x
Metals	EPA 200.7 / 200.8	x	x	x
Microcystin LR	ELISA (2360)	x		x
NDMA	EPA 521	x		x
NDMA	TQ In house method based on EPA 521 (2425)	x		x
Nitrate/Nitrite Nitrogen	EPA 353.2	x	x	x
OCL, Pesticides/PCB	EPA 505	x		x
Ortho Phosphate	EPA 365.1	x	x	x
Ortho Phosphate	SM 4500P E			x
Ortho Phosphorous	SM 4500P E	x		
Oxyhalides Disinfection Byproducts	EPA 317.0	x		x
Perchlorate	EPA 331.0	x		x
Perchlorate (low and high)	EPA 314.0	x		x
Perfluorinated Alkyl Acids	EPA 537	x		x
pH	EPA 150.1	x		
pH	SM 4500-H+B	x	x	x
Phenylurea Pesticides/ Herbicides	In House Method, based on EPA 532 (2448)	x		x
Pseudomonas	IDEXX Pseudalert (2461)	x		x
Radium-226	GA Institute of Tech	x		x
Radium-228	GA Institute of Tech	x		x
Radon-222	SM 7500RN	x		x
Residue, Filterable	SM 2540C	x	x	x
Residue, Non-filterable	SM 2540D		x	
Residue, Total	SM 2540B		x	x
Residue, Volatile	EPA 160.4		x	
Semi-VOC	EPA 525.2	x		x
Semi-VOC	EPA 625		x	x
Silica	SM 4500-Si D	x	x	
Silica	SM 4500-SiO2 C	x	x	
Sulfide	SM 4500-$S^{=}$ D		x	
Sulfite	SM 4500-SO^{3}B	x	x	x
Surfactants	SM 5540C	x	x	x
Taste and Odor Analytes	SM 6040E	x		x
Total Coliform (P/A)	SM 9221 A, B	x		x
Total Coliform (Enumeration)	SM 9221 A, B, C	x		x
Total Coliform / E. coli	Colisure SM 9223	x		x
Total Coliform	SM 9221B		x	
Total Coliform with Chlorine Present	SM 9221B		x	
Total Coliform / E.coli (P/A and Enumeration)	SM 9223	x		x
TOC	SM 5310C	x	x	x
TOX	SM 5320B		x	
Total Phenols	EPA 420.1		x	
Total Phenols	EPA 420.4	x	x	x
Total Phosphorous	SM 4500 P E		x	
Turbidity	EPA 180.1	x	x	x
Turbidity	SM 2130B	x	x	
Uranium by ICP/MS	EPA 200.8	x		x
UV 254	SM 5910B	x		
VOC	EPA 524.2/EPA 524.3	x		x
VOC	EPA 624		x	x
VOC	EPA SW 846 8260	x		x
VOC	In House Method (2411)	x		x
Yeast and Mold	SM 9610	x		x

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Acknowledgement of Samples Received

Addr: **Waiakea Hawaiian Volcanic Water**
5800 Hannum Ave #135
Culver City, CA 90230

Attn: Steve Barber
Phone: 424 228 4234

Client ID: WAIAKEA
Folder #: 622959
Project: FDA
Sample Group: 50 State Source

Project Manager: Linda Geddes
Phone: (626) 386-1163

The following samples were received from you on **November 17, 2016** at **2118**. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact your service representative. Thank you for using Eurofins Eaton Analytical.

Sample #	Sample ID	Sample Date
201611170544	JC Well 3701-01 Lord JC Well 1/Sung Well	11/16/2016 1430

@2378-TCDD_Dioxin	@331-PHG	@505
@515.4	@525	@531
@549	@900	@ANIONS28
@ANIONS48	@DBP_28	@ICP
@ICPMS	@RA226 GA	@RA228 GA
@RN	@VOA	Alkalinity in CaCO3 units
Anion Sum - Calculated	Apparent Color	Asbestos by TEM - >10 microns
Bicarb.Alkalinity as HCO3,calc	Carbon Dioxide,Free(25C)-Calc.	Carbonate as CO3, Calculated
Cation Sum - Calculated	Cation/Anion Difference	Cyanide
Endothall	Fluoride	Glyphosate
Heterotrophic Plate Count	Hydroxide as OH, Calculated	Langelier Index - 25 degree
Mercury	Odor at 60 C (TON)	PH (H3=past HT not compliant)
pH of CaCO3 saturation(25C)	Phenolic Compounds-low level	Specific Conductance
Surfactants	Total Dissolved Solid (TDS)	Total Hardness as CaCO3 by ICP
Turbidity	@504MOD C	@HAA6
@QUANT2000	Chloramines	Chlorine Dioxide
Free Chlorine Residual	Freight - Outbound	Silica
Total Chlorine Residual		

Test Description

@2378-TCDD_Dioxin -- 2,3,7,8-TCDD_Dioxin

@331-PHG -- Perchlorate by EPA 331.0

@505 -- Organochlorine Pesticides/PCBs

@515.4 -- Chlorophenoxy Herbicides

@525 -- Semivolatiles by GCMS

@531 -- Aldicarbs

@549 -- Diquat and Paraquat

@900 -- Gross Alpha/Beta Radiation

@ANIONS28 -- Chloride, Sulfate by EPA 300.0

@ANIONS48 -- Nitrate, Nitrite by EPA 300.0

@DBP_28 -- Disinfection ByProducts by 300.0

@ICP -- ICP Metals

@ICPMS -- ICPMS Metals

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Sample #	Sample ID	Sample Date
	@RA226 GA -- Radium 226	
	@RA228 GA -- Radium 228	
	@RN -- Radon 222	
	@VOA -- Volatile Organics by GCMS	
	@504MOD C -- EPA Method 504.1	
	@HAA6 -- Haloacetic Acids	
	@QUANT2000 -- Quantitray Coliforms	

CHAIN OF CUSTODY RECORD

602959

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750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016-3629

Phone: 626 386 1100
Fax: 626 386 1101

800 566 LABS (800 566 5227)

Website:

EUROFINS EATON ANALYTICAL USE ONLY:

LOGIN COMMENTS: _____ SAMPLES CHECKED AGAINST COC BY: _____

_____ SAMPLES LOGGED IN BY: _____

SAMPLE TEMP RECEIVED AT: SAMPLES REC'D DAY OF COLLECTION? ☐ (check for yes)

☐ _____ (Other) IR Gun ID = _____ (Observation= _____ °C) (Corr.Factor _____ °C) (Final = _____ °C)

☒ Monrovia IR Gun ID = 5575A (Observation= 2.4 °C) (Corr.Factor -0.4 °C) (Final = 2.0 °C)

Compliance Acceptance Criteria: (Chemistry: 4 ± 2 °C) (Microbiology: < 10°C)

TYPE OF ICE: Real ✓ Synthetic ____ No Ice ____ CONDITION OF ICE: Frozen ✓ Partially Frozen ____ Thawed ____ N/A ____

METHOD OF SHIPMENT: Pick-Up / Walk-In / FedEx / UPS / DHL / Area Fast / Top Line / Other: Hawaiian Air Cargo

TO BE COMPLETED BY SAMPLER:

COMPANY/AGENCY NAME: Waiakea

PROJECT CODE: FDA Bottle Orders

EEA CLIENT CODE: | COC ID: | SAMPLE GROUP:

COMPLIANCE SAMPLES (check for yes) ✓ NON-COMPLIANCE SAMPLES (check for yes) ☐

- Requires state forms ☐ REGULATION INVOLVED: FDA CFR 21

Type of samples (circle one): ROUTINE SPECIAL CONFIRMATION (eg. SDWA, NPDES, etc.)

SEE ATTACHED KIT ORDER FOR ANALYSES ✓ (check for yes), OR

List ALL ANALYSES REQUIRED (enter number of bottles sent for each test for each sample)

TAT requested: rush by adv notice only STD ✓ 1 wk ___ 3 day ___ 2 day ___ 1 day ___

SAMPLE DATE	SAMPLE TIME	SAMPLE ID	CLIENT LAB ID	MATRIX *	FIELD DATA	FIELD DATA	SAMPLER COMMENTS
11/16/16	1430	FDA Bottle Orders	Waiakea	RGW			

* **MATRIX TYPES:** **RSW** = Raw Surface Water **RGW** = Raw Ground Water **CFW** = Chlor(am)inated Finished Water **FW** = Other Finished Water **SEAW** = Sea Water **WW** = Waste Water **BW** = Bottled Water **SW** = Storm Water **SO** = Soil **SL** = Sludge **O** = Other - Please Identify

	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
SAMPLED BY:	J. Vonnahme	Joel Vonnahme	Waiakea, Inc/Laboratory Dir.	11/16/16	1430
RELINQUISHED BY:	J. Vonnahme	J. Vonnahme		11/16/16	1542
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:				11/17/16	0718

QA FO 0029.3 (Version 3) (01/13/16)

PAGE 1 OF 1

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Kit Order for Waiakea Corp

Linda Geddes is your Eurofins Eaton Analytical Service Manager

750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
(626) 386-1100 FAX (626) 386-1101

Note: Sampler Please return this paper with your samples

Kit #: 133476

Created By: Linda Geddes - [LXG]
Deliver By: 03/15/2016
STG: Bottle Orders
Ice Type: W
Pre Registered

Client ID: WAIAKEA
Project Code: FDA Bottle Orders
Group Name: No Schedule
PO#/JOB#:

Ship Sample Kits to
Waiakea Springs
567 Oceanview Drive
Hilo, HI 96720

USA
Attn: Kamanu
Phone: 805-450-0981

Send Report to
Waiakea Corp
5800 Hannum Ave. #135
Culver City, CA 90230

Attn: Ryan Emmons
Phone: 805-450-0981

Billing Address
Waiakea Corp
5800 Hannum Ave. #135
Culver City, CA 90230

Attn: Ryan Emmons
Phone: 805-450-0981

# of Sample	Tests	Bottle Qty - Type [preservative information]	UN DOT #
1	@COLI10, Heterotrophic Plate Count	1 - 100ml sterile COLILERT container [THIO xls]	
1	Phenolic Compounds-low level	2 - 125ml amber glass [0.5 ml H2SO4 (50%)]	UN1830
1	Chloramines, Chlorine Dioxide, Free Chlorine Residual, Total Chlorine Residual	1 - 125ml amber glass [no preservative]	
1	Glyphosate	1 - 125ml amber glass [no preservative]	
1	@331-PHG	1 - 125ml poly [no preservative]	
1	@ANIONS28, @ANIONS48, @DBP_28	1 - 125ml poly [no preservative]	
1	@2378-TCDD_Dioxin	2 - 1L amber glass [1 ml Thio 8%]	
1	@525	2 - 1L amber glass [2ml of 6N HCl]	UN1789
1	Apparent Color, Odor at 60 C (TON), Turbidity	1 - 1L amber glass [no preservative]	
1	@549	1 - 1L amber poly [no preservative]	
1	@RA226 GA, @RA228 GA	3 - 1L poly [4 ml HNO3 18%]	UN2031
1	Asbestos by TEM - >10 microns	1 - 1L poly sonicated [no preservative]	
1	Cyanide	1 - 250 ml poly [2 ml NaOH (30%)+6 scoops AA]	
1	Fluoride	1 - 250 ml poly [no preservative]	
1	Endothall	1 - 250ml amber glass [no preservative]	
1	Alkalinity in CaCO3 units, PH (H3=past HT not compliant), Specific Conductance	1 - 250ml poly [no preservative]	
1	@531	2 - 40ml amber glass vial [0.37g KH2Citrate+6mg ThioSO4]	
1	@505	4 - 40ml amber glass vial [1 drop Thio (8%)]	
1	@VOA	3 - 40ml amber glass vial [4drops 6N HCL (36%)]	UN1789
1	@HAA6	3 - 40ml amber glass vial [65 mg NH4Cl]	
1	@RN	2 - 40ml amber glass vial [no preservative]	
1	@ICP, @ICPMS, Mercury	1 - 500ml acid poly [2ml HNO3 (18%)]	UN2031
1	@900	1 - 500ml poly [2ml 18%HNO3+125ml poly/no pres]	UN2031
1	Surfactants	1 - 500ml poly [no preservative]	
1	Total Dissolved Solid (TDS)	1 - 500ml poly [no preservative]	
1	@515.4	4 - 60ml amber glass [3 mg NaSulfite]	

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Kit Order for Waiakea Corp

Linda Geddes is your Eurofins Eaton Analytical Service Manager

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Note: Sampler Please return this paper with your samples

Kit #: 133476

Created By: Linda Geddes - [LXG]
Deliver By: 03/15/2016
STG: Bottle Orders
Ice Type: W
Pre Registered

Client ID: WAIAKEA
Project Code: FDA Bottle Orders
Group Name: No Schedule
PO#/JOB#:

Ship Sample Kits to
Waiakea Springs
567 Oceanview Drive
Hilo, HI 96720

USA
Attn: Kamanu
Phone: 805-450-0981

Send Report to
Waiakea Corp
5800 Hannum Ave. #135
Culver City, CA 90230

Attn: Ryan Emmons
Phone: 805-450-0981

Billing Address
Waiakea Corp
5800 Hannum Ave. #135
Culver City, CA 90230

Attn: Ryan Emmons
Phone: 805-450-0981

# of Sample	Tests	Bottle Qty - Type [preservative information]	UN DOT #
1	✓✓ @551SODA	3 - 60ml amber glass vial [1g (1%NaPhos/99%KPhos+ 0.6%NH4CL /vial]	

Comments

SEND FOR TUESDAY DELIVERY - NEED TRACKING NUMBER AND COST

Code	Status	Date Shipped	Via	Tracking #	# of Coolers	Prepared By

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750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
Tel: (626) 386-1100
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Laboratory FDA_CA
Report: 622959

Client: Waiakea Hawaiian Volcanic Water
5800 Hannum Ave #135
Culver City, CA 90230

Attention: Steve Barber

Report Date: 12/27/2016
Date Received: 11/17/2016
Sample No: 201611170544

Sample Id: JC Well 3701-01 Lord JC Well 1/Sung Well
Date Sampled: 11/16/2016

Investigation: Analysis per Title 21, Federal Code of Regulations 103.35 - California Limits

ANALYTICAL RESULTS

Parameter	Method	Reporting Limit	Dilution	Result	SOQ
GROUP I					
PHYSICAL					
Apparent Color	SM 2120B	3.0	1	ND ACU	15
Odor at 60 C (TON)	SM 2150B	1.0	1	ND TON	3
pH	SM4500-HB	0.10	1	7.6	8.5
Specific Conductance	SM2510B	10	1	110	1600
Total Dissolved Solid (TDS)	SM 2540C	10	1	86	500
Turbidity	EPA 180.1	0.10	1	ND NTU	5
GROUP II					
CHEMICAL SUBSTANCE 1		**Milligrams per Liter**			
Alkalinity in CaCO3 units	SM 2320B	2.0	1	35	no std
Aluminum Total ICAP/MS	EPA 200.8	0.020	1	ND	0.2
Antimony Total ICAP/MS	EPA 200.8	0.0010	1	ND	0.006
Arsenic Total ICAP/MS	EPA 200.8	0.0010	1	ND	0.010
Asbestos by TEM - >10 microns	EPA 100.2	0.20	1	ND	no std
Barium Total ICAP/MS	EPA 200.8	0.0020	1	ND	2
Beryllium Total ICAP/MS	EPA 200.8	0.0010	1	ND	0.004
Bicarb Alkalinity as HCO3	SM2330B	2.0	1	42	no std
Cadmium Total ICAP/MS	EPA 200.8	0.00050	1	ND	0.005
Calcium Total ICAP	EPA 200.7	1.0	1	7.0	no std
Carbonate as CO3	SM2330B	2.0	1	ND	no std
Chloride	EPA 300.0	1.0	1	3.7	250
Chromium Total ICAP/MS	EPA 200.8	0.0010	1	0.0012	0.1
Copper Total ICAP/MS	EPA 200.8	0.0020	1	ND	1.0
Corrosivity	SM 2330B	-14	1	-1.3	no std
Cyanide	SM 4500CN-F	0.025	1	ND	0.2
Fluoride	SM 4500F-C	0.050	1	0.074	1.4
Hydroxide as OH	SM2330B	2.0	1	ND	no std
Iron Total ICAP	EPA 200.7	0.020	1	ND	0.3

SOQ=Standard of Quality per FDA or Calfornia
ND=Not detected at the specified limit
All results reported in milligrams per liter unless otherwise noted

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1 800 566 LABS (1 800 566 5227)

Laboratory FDA_CA
Report: 622959

Report Date: 12/27/2016
Date Received: 11/17/2016
Sample No: 201611170544

Parameter	Method	Reporting Limit	Dilution	Result	SOQ
Lead Total ICAP/MS	EPA 200.8	0.00050	1	ND	0.005
Magnesium Total ICAP	EPA 200.7	0.10	1	3.5	no std
Manganese Total ICAP/MS	EPA 200.8	0.0020	1	ND	0.05
Mercury	EPA 245.1	0.00020	1	ND	0.002
Nickel Total ICAP/MS	EPA 200.8	0.0050	1	ND	0.1
Nitrate-N	EPA 300.0	0.10	1	0.90	10
Nitrite-N	EPA 300.0	0.050	1	ND	1
Perchlorate	EPA 331.0	0.00050	1	ND	no std
Phenol	EPA 420.4	0.0010	2	ND	0.001
Potassium Total ICAP	EPA 200.7	1.0	1	2.4	no std
Selenium Total ICAP/MS	EPA 200.8	0.0050	1	ND	0.05
Silica Total ICAP	EPA 200.7	0.50	1	44	no std
Silver Total ICAP/MS	EPA 200.8	0.00050	1	ND	0.1
Sodium Total ICAP	EPA 200.7	1.0	1	7.3	no std
Sulfate	EPA 300.0	0.50	1	5.9	250
Surfactants	SM 5540C	0.10	1	ND	no std
Thallium Total ICAP/MS	EPA 200.8	0.0010	1	ND	0.002
Total Hardness as CaCO3	EPA 200.7	3.0	1	32	no std
Total Nitrate + Nitrite	EPA 300.0	0.10	1	0.90	10
Zinc Total ICAP/MS	EPA 200.8	0.020	1	ND	5.0
GROUP III					
CHEMICAL SUBSTANCE 2 (VOC)		**Milligrams per Liter**			
1,1,1,2-Tetrachloroethane	EPA 524.2	0.00050	1	ND	no std
1,1,1-Trichloroethane	EPA 524.2	0.00050	1	ND	0.20
1,1,2,2-Tetrachloroethane	EPA 524.2	0.00050	1	ND	no std
1,1,2-Trichloroethane	EPA 524.2	0.00050	1	ND	0.005
1,1-Dichloroethane	EPA 524.2	0.00050	1	ND	no std
1,1-Dichloroethene	EPA 524.2	0.00050	1	ND	0.007
1,1-Dichloropropene	EPA 524.2	0.00050	1	ND	no std
1,2,3-Trichlorobenzene	EPA 524.2	0.00050	1	ND	no std
1,2,3-Trichloropropane	EPA 524.2	0.00050	1	ND	no std
1,2,4-Trichlorobenzene	EPA 524.2	0.00050	1	ND	0.07
1,2,4-Trimethylbenzene	EPA 524.2	0.00050	1	ND	no std
1,2-Dichloroethane	EPA 524.2	0.00050	1	ND	0.005
1,2-Dichloropropane	EPA 524.2	0.00050	1	ND	0.005
1,3,5-Trimethylbenzene	EPA 524.2	0.00050	1	ND	no std
1,3-Dichloropropane	EPA 524.2	0.00050	1	ND	no std
2,2-Dichloropropane	EPA 524.2	0.00050	1	ND	no std

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1 800 566 LABS (1 800 566 5227)

Laboratory FDA_CA
Report: 622959

Report Date: 12/27/2016
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Parameter	Method	Reporting Limit	Dilution	Result	SOQ
Benzene	EPA 524.2	0.00050	1	ND	0.005
Bromobenzene	EPA 524.2	0.00050	1	ND	no std
Bromochloromethane	EPA 524.2	0.00050	1	ND	no std
Bromodichloromethane	EPA 524.2	0.00050	1	ND	no std
Bromoform	EPA 524.2	0.00050	1	ND	no std
Bromomethane	EPA 524.2	0.00050	1	ND	no std
Carbon Tetrachloride	EPA 524.2	0.00050	1	ND	0.005
Chlorobenzene	EPA 524.2	0.00050	1	ND	0.1
Chlorodibromomethane	EPA 524.2	0.00050	1	ND	no std
Chloroethane	EPA 524.2	0.00050	1	ND	no std
Chloroform (Trichloromethane)	EPA 524.2	0.00050	1	ND	no std
Chloromethane	EPA 524.2	0.00050	1	ND	no std
cis-1,2-Dichloroethylene	EPA 524.2	0.00050	1	ND	0.07
cis-1,3-Dichloropropene	EPA 524.2	0.00050	1	ND	no std
Dibromomethane	EPA 524.2	0.00050	1	ND	no std
Dichlorodifluoromethane	EPA 524.2	0.00050	1	ND	no std
Dichloromethane	EPA 524.2	0.00050	1	ND	0.005
Ethyl benzene	EPA 524.2	0.00050	1	ND	0.7
Fluorotrichloromethane-Freon11	EPA 524.2	0.00050	1	ND	no std
Hexachlorobutadiene	EPA 524.2	0.00050	1	ND	no std
Isopropylbenzene	EPA 524.2	0.00050	1	ND	no std
m,p-Xylenes	EPA 524.2	0.00050	1	ND	no std
m-Dichlorobenzene (1,3-DCB)	EPA 524.2	0.00050	1	ND	no std
MTBE	EPA 524.2	0.00050	1	ND	no std
n-Butylbenzene	EPA 524.2	0.00050	1	ND	no std
n-Propylbenzene	EPA 524.2	0.00050	1	ND	no std
o-Chlorotoluene	EPA 524.2	0.00050	1	ND	no std
o-Dichlorobenzene (1,2-DCB)	EPA 524.2	0.00050	1	ND	0.6
o-Xylene	EPA 524.2	0.00050	1	ND	no std
p-Chlorotoluene	EPA 524.2	0.00050	1	ND	no std
p-Dichlorobenzene (1,4-DCB)	EPA 524.2	0.00050	1	ND	0.075
p-Isopropyltoluene	EPA 524.2	0.00050	1	ND	no std
sec-Butylbenzene	EPA 524.2	0.00050	1	ND	no std
Styrene	EPA 524.2	0.00050	1	ND	0.1
tert-Butylbenzene	EPA 524.2	0.00050	1	ND	no std
Tetrachloroethylene (PCE)	EPA 524.2	0.00050	1	ND	0.005
Toluene	EPA 524.2	0.00050	1	ND	1
Total 1,3-Dichloropropene	EPA 524.2	0.00050	1	ND	0.0005

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Total THM	EPA 524.2	0.00050	1	ND	0.010
Total xylenes	EPA 524.2	0.00050	1	ND	10
trans-1,2-Dichloroethylene	EPA 524.2	0.00050	1	ND	0.1
trans-1,3-Dichloropropene	EPA 524.2	0.00050	1	ND	no std
Trichloroethylene (TCE)	EPA 524.2	0.00050	1	ND	0.005
Trichlorotrifluoroethane(Freon	EPA 524.2	0.00050	1	ND	no std
Vinyl chloride (VC)	EPA 524.2	0.00030	1	ND	0.002
GROUP IV					
CHEMICAL SUBSTANCE 3 (NON VOC)		**Milligrams per Liter**			
1,2,3-Trichloropropane (TCP)	EPA 504.1	0.000040	1	ND	no std
2,3,7,8-TCDD, ug/L	EPA 1613B	0.0000000050	1	ND	0.000030
2,4,5-TP (Silvex)	EPA 515.4	0.00020	1	ND	0.05
2,4-D	EPA 515.4	0.00010	1	ND	0.07
3-Hydroxycarbofuran	EPA 531.2	0.00050	1	ND	no std
Alachlor (Alanex)	EPA 505	0.00010	1	ND	0.002
Aldicarb (Temik)	EPA 531.2	0.00050	1	ND	no std
Aldicarb sulfone	EPA 531.2	0.00050	1	ND	no std
Aldicarb sulfoxide	EPA 531.2	0.00050	1	ND	no std
Aldrin	EPA 505	0.000010	1	ND	no std
Atrazine	EPA 525.2	0.000050	1	ND	0.003
Baygon	EPA 531.2	0.00050	1	ND	no std
Bentazon	EPA 515.4	0.00050	1	ND	0.018
Benzo(a)pyrene	EPA 525.2	0.000020	1	ND	0.0002
Butachlor	EPA 525.2	0.000050	1	ND	no std
Carbaryl	EPA 531.2	0.00050	1	ND	no std
Carbofuran	EPA 531.2	0.00050	1	ND	40
Chlordane	EPA 505	0.00010	1	ND	0.002
Dalapon	EPA 515.4	0.0010	1	ND	0.2
Di-(2-Ethylhexyl)adipate	EPA 525.2	0.00060	1	ND	0.4
Di(2-Ethylhexyl)phthalate	EPA 525.2	0.00060	1	ND	0.004
Dibromochloropropane (DBCP)	EPA 504.1	0.000010	1	ND	0.0002
Dicamba	EPA 515.4	0.00010	1	ND	no std
Dieldrin	EPA 505	0.000010	1	ND	no std
Dinoseb	EPA 515.4	0.00020	1	ND	0.007
Diquat	EPA 549.2	0.00040	1	ND	0.02
Endothall	EPA 548.1	0.0050	1	ND	0.1
Endrin	EPA 505	0.000010	1	ND	0.002
Ethylene Dibromide (EDB)	EPA 504.1	0.000010	1	ND	0.05

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Glyphosate	EPA 547	0.0060	1	ND	0.7
Heptachlor	EPA 505	0.000010	1	ND	0.0004
Heptachlor Epoxide	EPA 505	0.000010	1	ND	0.0002
Hexachlorobenzene	EPA 525.2	0.000050	1	ND	0.001
Hexachlorocyclopentadiene	EPA 525.2	0.000050	1	ND	0.05
Lindane (gamma-BHC)	EPA 505	0.000010	1	ND	0.0002
Methiocarb	EPA 531.2	0.00050	1	ND	no std
Methomyl	EPA 531.2	0.00050	1	ND	no std
Methoxychlor	EPA 505	0.000050	1	ND	0.04
Metolachlor	EPA 525.2	0.000050	1	ND	no std
Metribuzin	EPA 525.2	0.000050	1	ND	no std
Oxamyl (Vydate)	EPA 531.2	0.00050	1	ND	0.2
Paraquat	EPA 549.2	0.0020	1	ND	no std
Pentachlorophenol	EPA 515.4	0.000040	1	ND	0.001
Picloram	EPA 515.4	0.00010	1	ND	0.5
Propachlor	EPA 525.2	0.000050	1	ND	no std
Simazine	EPA 525.2	0.000050	1	ND	0.004
Thiobencarb	EPA 525.2	0.00020	1	ND	no std
Total PCBs	EPA 505	0.00010	1	ND	0.5
Toxaphene	EPA 505	0.00050	1	ND	0.003
GROUP V					
RADIOACTIVITY		**Picocuries per Liter**			
Alpha, Gross	EPA 900.0	3.0	1	ND	15
Beta, Gross	EPA 900.0	3.0	1	ND	50
Radium 226	Ra-226 GA	1.0	1	ND	3
Radium 228	Ra-228 GA	1.0	1	ND	5
Radon	SM 7500RN	50	1	100	no std
Uranium ICAP/MS (mg/L)	EPA 200.8	0.0010	1	ND	0.03
GROUP VIa					
BACTERIOLOGICAL		**Colonies/100 mL**			
E. Coli Bacteria	SM 9223	1.0	1	<1	1.1
Total Coliform Bacteria	SM 9223	1.0	1	<1	2.2
GROUP VIb					
BACTERIOLOGICAL-HPC		**Colony Forming Units per mL**			
Heterotrophic Plate Count	SM 9215B	1.0	1	2.0	no std
GROUP VII					
Disinfection Byproducts		**Milligrams per Liter**			
Bromide	EPA 300.0	0.0050	1	0.031	no std

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Parameter	Method	Reporting Limit	Dilution	Result	SOQ
D/DBP Haloacetic Acids (HAA5)	SM 6251B	0.0020	1	ND	0.06
GROUP VIII					
Residual Disinfectants		**Milligrams per Liter**			
Chloramines	SM 4500CL-G/HACH	0.10	1	ND	4
Chlorine Dioxide	SM 4500CLO2-D/HACH	0.24	1	ND	0.8
Total Chlorine Residual	SM 4500CL-G/HACH	0.10	1	ND	4

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Laboratory Comments
Report: 622959

Waiakea Hawaiian Volcanic Water
Steve Barber
5800 Hannum Ave #135
Culver City, CA 90230

Folder Comments

Report revised to change sample description from Source to JC Well 3701-01 Lord JC Well 1/Sung Well per client request.

L. Geddes 3/1/17

The Comments Report may be blank if there are no comments for this report.

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Laboratory Hits
Report: 622959

Waiakea Hawaiian Volcanic Water
Steve Barber
5800 Hannum Ave #135
Culver City, CA 90230

Samples Received on:
11/17/2016 2118

Analyzed	Analyte	Sample ID	Result	Federal MCL	Units	MRL
	201611170544	**JC Well 3701-01 Lord JC Well 1/Sung Well**				
11/19/2016 04:24	Alkalinity in CaCO3 units		35		mg/L	2
11/21/2016 16:03	Anion Sum - Calculated		0.99		meq/L	0.001
11/21/2016 16:18	Bicarb.Alkalinity as HCO3calc		42		mg/L	2
12/02/2016 09:18	Bromide		31		ug/L	5
12/02/2016 19:01	Calcium Total ICAP		7.0		mg/L	1
12/06/2016 09:38	Cation Sum - Calculated		1.0		meq/L	0.001
11/17/2016 21:39	Chloride		3.7	250	mg/L	1
11/18/2016 17:15	Chromium Total ICAP/MS		1.2	100	ug/L	1
11/18/2016 17:45	Fluoride		0.074	4	mg/L	0.05
11/20/2016 10:40	Heterotrophic Plate Count		2		CFU/ml	1
11/21/2016 16:18	Langelier Index - 25 degree		-1.3		None	
12/02/2016 19:01	Magnesium Total ICAP		3.5		mg/L	0.1
11/17/2016 21:39	Nitrate as Nitrogen by IC		0.90	10	mg/L	0.1
11/17/2016 21:39	Nitrate as NO3 (calc)		4.0	45	mg/L	0.44
11/19/2016 04:24	PH (H3=past HT not compliant)		7.6		Units	0.1
12/06/2016 09:37	pH of CaCO3 saturation(25C)		9.0		Units	0.1
12/02/2016 19:01	Potassium Total ICAP		2.4		mg/L	1
11/18/2016 01:45	Radon 222		100		pCi/L	50
12/02/2016 19:01	Silica		44		mg/L	0.5
12/02/2016 19:01	Sodium Total ICAP		7.3		mg/L	1
11/19/2016 04:24	Specific Conductance, 25 C		110		umho/cm	10
11/17/2016 21:39	Sulfate		5.9	250	mg/L	0.5
11/22/2016 16:15	Total Dissolved Solids (TDS)		86	500	mg/L	10
12/06/2016 09:37	Total Hardness as CaCO3 by ICP (calc)		32		mg/L	3
11/17/2016 21:39	Total Nitrate, Nitrite-N, CALC		0.90		mg/L	0.1

SUMMARY OF POSITIVE DATA ONLY

Waiakea, Inc.

447 Kalanianaole Ave
(808) 491-6998
Hilo, Hawaii 96720 Fax: (808) 214-9066
www.waiakeasprings.com info@waiakeasprings.com

3/2/2017

On November 16, 2016, I, Joel Vonnahme, performed sample collection and chain of custody documentation for an analysis of chemical, microbiological, and radiological properties of water, as specified under United States Code of Federal Regulations Title 21 Section 165, from a well in Kea'au, Hawaii, known by its designated name as Lord JC 1, or by its Hawaii State Well ID #8-3701-001. The sample cooler and chain of custody documentation were delivered to Eurofins Eaton Analytical in Monrovia, California, where the samples were analyzed according to specifications. The results of those analyses are summarized in EEA Folder 622959, which was revised on 1st of March, 2017, to reflect a more precise indication of the sampling location. Due to a clerical error, the chain of custody listed the sampling source merely as "source," rather than providing a more useful designation of the samples' actual point of origin. This document is intended to clarify and ameliorate this vital detail.

Joel Vonnahme, Laboratory Director, Waiakea Inc.

 3/2/2017

Steven Barber, Director of Compliance, Waiakea, Inc.

 3/2/2017