

750 Royal Oaks Drive, Suite 100  
Monrovia, California 91016-3629  
Tel: (626) 386-1100  
Fax: (866) 988-3757  
1 800 566 LABS (1 800 566 5227)

## Laboratory Report

for

Honolulu Board of Water Supply  
630 South Beretania Street  
Public Service Bldg.” Room 308  
Honolulu, HI 96843  
Attention: Erwin Kawata  
Fax: 808-550-5018

REPORT REVISED,  
replaces the original report.



Utah ELCP CA00006

DEB: Debbie L Frank  
Project Manager

Report: 977247  
Project: RED-HILL  
Group: TPH-8015\_Red\_Hill(2021)

\* Accredited in accordance with TNI 2016 and ISO/IEC 17025:2017.

\* Laboratory certifies that the test results meet all **TNI 2016 and ISO/IEC 17025:2017** requirements unless noted under the individual analysis.

\* As applicable, this report consists of the cover page, State Certification List, ISO 17025 Accredited Method List, Acknowledgement of Samples Received, Comments, Hits Report, Data Report, QC Summary, QC Report and Regulatory Forms.

\* Test results relate only to the sample(s) tested.

\* Test results apply to the sample(s) as received, unless otherwise noted in the comments report (ISO/IEC 17025:2017).

\* This report shall not be reproduced except in full, without the written approval of the laboratory.

\* This report includes ISO/IEC 17025 and non-ISO 17025 accredited methods.

## STATE CERTIFICATION LIST

State	Certification Number	State	Certification Number
Alabama	41060	Montana	Cert 0035
Arizona	AZ0778	Nebraska	NE-OS-21-13
Arkansas	CA00006	Nevada	CA00006
California	2813	New Hampshire *	2959
Colorado	CA00006	New Jersey *	CA 008
Connecticut	PH-0107	New Mexico	CA00006
Delaware	CA 006	New York *	11320
Florida *	E871024	North Carolina	06701
Georgia	947	North Dakota	R-009
Guam	21-008R	Ohio - 537.1	87786
Hawaii	CA00006	Oregon *	4034
Idaho	CA00006	Pennsylvania *	68-00565
Illinois	200033	Puerto Rico	CA00006
Indiana	C-CA-01	Rhode Island	LAO00326
Iowa – Asbestos	413	South Carolina	87016
Kansas *	E-10268	South Dakota	CA11320
Kentucky	90107	Tennessee	TN02839
Louisiana *	LA008	Texas *	T104704230-20-18
Maine	CA00006	Utah (Primary AB) *	CA00006
Maryland	224	Vermont	VT0114
Marianas Islands	MP0004	Virginia *	460260
Massachusetts	M-CA006	Washington	C838
Michigan	9906	EPA Region 5	CA00006
Mississippi	CA00006	Los Angeles County Sanitation Districts	10264

\* NELAP/TNI Recognized Accreditation Bodies

ISO/IEC 17025:2917 Accredited Method List

The test listed below are accredited and met the requirements of ISO/IEC 17025 as verify by A2LA.

Refer to our certificates and scope of accreditations (no. 5890-1 and 5890-2) found at:

<https://www.eurofinsus.com/Eaton>

Test(s)	Method(s)	Potable Water *	Waste Water	Test(s)	Method(s)	Potable Water *	Waste Water
Enterococci	Enterolert	x	x	Gross Alpha coprecipitation	SM 7110 C	x	x
Escherichia coli (Enumeration)	SM 9221 B.1 SM 9221 F	x		Hardness	SM 2340 B	x	x
Fecal Coliform (P/A and Enumeration)	SM 9221 C (MTF/EC), SM 9221 E (MTF/EC)	x	x	Hexavalent Chromium	EPA 218.6,	x	x
Fecal Streptococci and Enterococci	SM 9230 B	x	x	Hexavalent Chromium	EPA 218.7,	x	
Heterotrophic Bacteria	SM 9215 B	x		Hexavalent Chromium	SM 3500-Cr B		x
Legionella	Legiolert®	x		Inorganic Anions and DBPs	EPA 300.0	x	x
Pseudomonas aeruginosa	Idexx Pseudalart	x		Norganic Anions and DBPs	EPA 300.1	x	
Total Coliform (P/A and Enumeration)	SM 9221A, SM 9221B, SM 9221 C	x	x	Kjeldahl Nitrogen	EPA 351.2		x
Total Coliform, Total Coliform with Chlorine Present	SM 9221 B	x	x	Metals	EPA 200.7, EPA200.8	x	x
Total Coliform/E. coli (P/A and Enumeration, Idexx Colilert, Idexx Colilert 18, Colisure)	SM 9223	x		Nitrosamines	EEA-Agilent 521.1 (GCMS-24250)	x	
Total Microcystins and Nodularins	EPA 546	X		Nitrate/Nitrite Nitrogen	EPA 353.2	x	x
Yeast and Mold	SM 9610	x		Odor	SM2150B	x	
1,2,3-Trichloropropane (TCP) at 5 PPT	CA SRL 524M-TCP	x		Organohalide Pesticides and PCB	EPA 505	x	
1,4-Dioxane	EPA 522	x		Ortho Phosphate	SM 4500P E	x	
2,3,7,8-TCDD	Modified EPA 1613 B	x		Oxyhalides Disinfection Byproducts	EPA 317.0	x	
Acrylamide	+ LCMS 2440)	x		Perchlorate	EPA 331.0	x	
Algal Toxins/Microcystin	+ LCMS 3570	x		Perchlorate (Low and High Levels)	EPA 314.0	x	
Alkalinity	SM 2320B	x	x	Perfluorinated Alkyl Acids	EPA 533, EPA 537, EPA 537.1	x	
Ammonia	EPA 350.1, SM 4500-NH3 H		x	PPCP and EDC	+ LCMS-2443	x	
Asbestos	EPA 100.2	x	x	pH	EPA 150.1 SM 4500-H+ B	x	x
Bicarbonate Alkalinity as HCO3	SM 2330 B	x	x	Phenolics – Low Level	+ WC 2493 (EPA 420.2 and EPA 420.4 MOD)	x	x
BOD/CBOD	SM 5210 B		x	Phenylurea Pesticides/Herbicides	+ LCMS-2448	x	
Bromate	+ LCMS- 2447	x		Radium-226, Radium-228	GA Tech (Rad-2374)	x	
Carbonate as CO3	SM 2330 B	x	x	Radon-222	SM 7500RN	x	
Carbonyls	EPA 556	x	x	Residue (Filterable)	SM 2540C	x	x
Chemical Oxygen Demand	EPA 410.4, SM 5220D		x	Residue (Non-Filterable)	SM 2540D		x
Chlorinated Acids	EPA 515.4	x		Residue (Total)	SM 2540B		x
Chlorine Dioxide	Palin Test Chlordio X Plus, SM 4500-CLO2 D	x		Residue (Volatile)	EPA 160.4		x
Chlorine, Free, Combined, Total Residual, Chloramines	SM 4500-Cl G	x		Semi-Volatile Compounds	EPA 525.2	x	
Color	SM2120B	x		Silica	SM 4500-SiO2 C	x	x
Conductivity	EPA 120.1, SM 2510B	x	x	Sulfide	SM 4500-S D		x
Corrosivity (Langelier Index), Carbonate as CO3, Hydroxide as OH Calculated	SM 2330 B	x		Sulfite	SM 4500-SO3 B	x	x
Cyanide (Amenable)	SM 4500-CN G	x	x	Surfactants	SM 5540C	x	x
Cyanide (Free)	SM 4500CN F	x	x	Taste and Odor	SM 6040 E	x	
Cyanide (Total)	EPA 335.4	x	x	Total Organic Carbon	SM 5310 C	x	x
Cyanogen Chloride (Screen)	+ 335 Mod (WC-24467)	x		Total Phenols	EPA 420.1		x
Diquat and Paraquat	EPA 549.2	x		Total Phenols	EPA 420.4	x	x
DBP and HAA	SM 6251 B	x		Triazine Pesticides and their Degradates	+ LCMS-3617	x	
Dissolved Organic Carbon	SM 5310 C	x		Turbidity	EPA 180.1	x	x
Dissolved Oxygen	SM 4500-O G		x	Uranium by ICP/MS	EPA 200.8	x	
EDB/DCBP/TCP	EPA 504.1	x		UV 254 Organic Constituents	SM 5910B	x	
EDB/DBCP and Disinfection Byproducts	EPA 551.1	x		VOCs	EPA 524.2	x	
EDTA and NTA	+ WC-2454	x		VOCs	+ (GCMS 2412) by EPA 524.2 modified	x	
Endothall	EPA 548.1, +(LCMS-2445)	x					
Fluoride	SM 4500F C	x	x				
Glyphosate	EPA 547	x					
Glyphosate and AMPA	+ LCMS-3618	x					
Gross Alpha and Gross Beta	EPA 900.0	x	x				

(\* ) includes: Bottled Water, Drinking Water and Water as Component of Food & Beverage.

(+ ) In-House Method

### Acknowledgement of Samples Received

Addr: **Honolulu Board of Water Supply**  
 630 South Beretania Street  
 Public Service Bldg." Room 308  
 Honolulu, HI 96843

Attn: Erwin Kawata  
 Phone: 808-748-5091

Client ID: HONOLULU  
 Folder #: 977247  
 Project: RED-HILL  
 Sample Group: TPH-8015\_Red\_Hill(2021)

Project Manager: Debbie L Frank  
 Phone: (626) 386-1149  
 PO #: C20525101 exp 05312023

The following samples were received from you on **December 28, 2021 at 1302**. 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, LLC.

Sample #	Sample ID	Sample Date
<u>202112280799</u>	HALAWA WELLS P2 331-024-WL064 Static ID: HI0000331-024 @8015_C8-C44_ASSETS (SUB)Gas Fraction Hydrocarbons	12/27/2021 0956
<u>202112280800</u>	TB: HALAWA WELLS P2 331-024-WL064 Static ID: HI0000331-024 (SUB)Gas Fraction Hydrocarbons	12/27/2021 0956
<u>202112280801</u>	AIEA WELLS P2 (260) 331-004-WL103 Static ID: HI0000331-004 @8015_C8-C44_ASSETS (SUB)Gas Fraction Hydrocarbons	12/27/2021 1034
<u>202112280802</u>	TB: AIEA WELLS P2 (260) 331-004-WL103 Static ID: HI0000331-004 (SUB)Gas Fraction Hydrocarbons	12/27/2021 1034
<u>202112280803</u>	AIEA GULCH WELLS P1 331-201-TP071 Static ID: HI0000331-201 @8015_C8-C44_ASSETS (SUB)Gas Fraction Hydrocarbons	12/26/2021 0931
<u>202112280804</u>	TB:AIEA GULCH WELLS P1 331-201-TP071 Static ID: HI0000331-201 (SUB)Gas Fraction Hydrocarbons	12/26/2021 0931
<u>202112280805</u>	AIEA GULCH WELLS P2 331-202-TP072 Static ID: HI0000331-207 @8015_C8-C44_ASSETS (SUB)Gas Fraction Hydrocarbons	12/26/2021 0937
<u>202112280806</u>	TB:AIEA GULCH WELLS P2 331-202-TP072 Static ID: HI0000331-207 (SUB)Gas Fraction Hydrocarbons	12/26/2021 0937
<u>202112280807</u>	MOANALUA WELLS 331-223-TP202 Static ID: HI0000331-223 @8015_C8-C44_ASSETS (SUB)Gas Fraction Hydrocarbons	12/26/2021 0827
<u>202112280808</u>	TB:MOANALUA WELLS 331-223-TP202 Static ID: HI0000331-223 (SUB)Gas Fraction Hydrocarbons	12/26/2021 0827
<u>202112280809</u>	HALAWA SHAFT 331-241-TP401	12/27/2021 0928



**Acknowledgement of Samples Received**

Addr: **Honolulu Board of Water Supply**  
630 South Beretania Street  
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Honolulu, HI 96843

Attn: Erwin Kawata  
Phone: 808-748-5091

Client ID: HONOLULU  
Folder #: 977247  
Project: RED-HILL  
Sample Group: TPH-8015\_Red\_Hill(2021)

Project Manager: Debbie L Frank  
Phone: (626) 386-1149  
PO #: C20525101 exp 05312023

The following samples were received from you on **December 28, 2021 at 1302**. 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, LLC.

Sample #	Sample ID	Sample Date
	Static ID: HI0000331-241	
	@8015_C8-C44_ASSETS (SUB)Gas Fraction Hydrocarbons	
<u>202112280810</u>	TB:HALAWA SHAFT 331-241-TP401	12/27/2021 0928
	Static ID: HI0000331-241	
	(SUB)Gas Fraction Hydrocarbons	
<u>202201041071</u>	RUSH	12/27/2021 09:28
	RUSH	

**Test Description**

@8015\_C8-C44\_ASSETS -- 8015 C8-C44



Eaton Analytical

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

# CHAIN OF CUSTODY RECORD

977235 DSA  
977247 DSA  
12/21

EUROFINS EATON ANALYTICAL USE ONLY:

LOGIN COMMENTS: \_\_\_\_\_ SAMPLES CHECKED AGAINST COC BY: DS

SAMPLES LOGGED IN BY: DS (check for yes)

SAMPLES REC'D DAY OF COLLECTION?  (check for yes)

SAMPLE TEMP RECEIVED AT:  
 Colton / No. California / Arizona \_\_\_\_\_ °C (Compliance: 4 ± 2 °C)  
 Monrovia \_\_\_\_\_ °C (Compliance: 4 ± 2 °C)

CONDITION OF BLUE ICE: Frozen \_\_\_\_\_ Thawed \_\_\_\_\_ Wet Ice \_\_\_\_\_ No Ice \_\_\_\_\_

METHOD OF SHIPMENT: Pick-Up / Walk-In / FedEx / UPS / DHL / Area Fast / Top Line / Other: \_\_\_\_\_

TO BE COMPLETED BY SAMPLER:

COMPANY/AGENCY NAME: BWS HONOLULU		PROJECT CODE: RED HILL		COMPLIANCE SAMPLES - Requires state forms <input type="checkbox"/>		NON-COMPLIANCE SAMPLES <input checked="" type="checkbox"/> X	
EEA CLIENT CODE: COC ID:		SAMPLE GROUP:		Type of samples (circle one): ROUTINE SPECIAL CONFIRMATION (eg. SDWA, Phase V, NPDES, FDA...)		SEE ATTACHED BOTTLE ORDER FOR ANALYSES <input checked="" type="checkbox"/> X (check for yes), OR	
TAT requested: rush by adv notice only		STD ___ 1 wk <input checked="" type="checkbox"/> X 3 day ___ 2 day ___ 1 day ___		list ANALYSES REQUIRED (enter number of bottles sent for each test for each sample)			
SAMPLE DATE	SAMPLE TIME	SAMPLE ID	CLIENT LAB ID	MATRIX *	FIELD DATA	FIELD DATA	SAMPLER COMMENTS
12/27/21	0956	Halawa Wells P2	H10000331-024	CFW		Red Hill Dec 2021	
							Temp Blank: _____ °C

\* 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

COMPANY/TITLE: Honolulu Board of Water Supply

DATE: December 27, 2021

TIME: \_\_\_\_\_

SAMPLED BY: Chris Bailey PRINT NAME: Low Bailey

RELINQUISHED BY: Chris Bailey PRINT NAME: Low Bailey

RECEIVED BY: Chris Bailey DATE: 12/28/21 TIME: 1336

RELINQUISHED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

RECEIVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ TIME: \_\_\_\_\_



Eaton Analytical

Kit Order for Honolulu Board of Water Supply  
Debbie L Frank is your Eurofins Eaton Analytical, LLC Service Manager

750 Royal Oaks Drive, Suite 100  
Monrovia, California 91016-3629  
(626) 386-1100 FAX (866) 988-3757

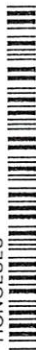
Created Date & Time: 12/10/2021 7:11:00PM

Note: Sampler Please return this paper with your samples

Kit #: 307673



Client ID: HONOLULU



Created By: - [AutoGenerated]

Deliver By: 12/22/2021

STG: Bottle Orders

Ice Type: G

Pre Registered

Project Code: RED-HILL Bottle Orders

Group Name: Red-Hill Expanded List (Albuquerque+)

PO#/JOB#: C20525101 exp 05312023

Description: HALAWA WELLS UNITS 1 & 2 - Every

**Ship Sample Kits to**  
Honolulu Board of Water Supply  
630 South Beretania Street  
Chemistry Lab  
Honolulu, HI 96843  
Attn: Ron Fenstemacher  
Phone: 808-748-5841  
Fax: 808-550-5572

**Send Report to**  
Honolulu Board of Water Supply  
630 South Beretania Street  
Public Service Bldg. Room 308  
Honolulu, HI 96843  
Attn: Erwin Kawata  
Phone: 808-748-5091  
Fax: 808-550-5018

**Billing Address**  
Honolulu Board of Water Supply  
630 South Beretania Street  
Public Service Bldg. Room 308  
Honolulu, HI 96843  
Attn: Erwin Kawata  
Phone: 808-748-5091  
Fax: 808-550-5018

# of Sample	Tests	Bottle Qty	Type [ preservative information ]	Total	UN DOT #
1	@625A_Physis-G; @625BN_Physis-G; @625PAH_Physis_TICS_C	4	4 - 1L amber glass [ 1 ml Thio 8% ]	4	
1	TPH 8015 Diesel and Motor Oil_C, TPH 8015 Jet Fuel 5_C, TPH 8015 Jet Fuel 8_C	4	4 - 1L amber glass [ 1 ml Thio 8% ]	6	
1	8015 Gas_C	3	3 - 40ml amber glass vial [ 1 drop Thio (8%) ]	3	
1	8015 Gas_C TB	2	2 - 40ml amber glass vial [ 1 drop Thio (8%) + H2O ]	2	
1	@VOASDWA-G-plus-plus-TIGs-TBC	3	3 - 40ml amber glass vial [ 25mg-AA+H2O+10 drop 1:1 HCL ]	3	UN1789
1	@VOASDWA-G-plus-plus-TIGs-G	3	3 - 40ml amber glass vial [ 25mg-Ascorbic+drop 2ml 1:1 HCL ]	3	UN1789
1	@8015 Ethanol_Subbed	3	3 - 40ml amber glass vial [ no preservative ]	3	
<b>Sum Tests: 7</b>				<b>Sum Bottles: 24</b>	

Comments

SITE ID:  
HALAWA WELLS (331-206-TP065)

SAMPLER:  
FOUR 1 LITER AMBER GLASS BOTTLES FOR 625 SERIES AND SIX 1 LITER AMBER GLASS BOTTLES FOR TPH 8015 SERIES.

SHIPPING:  
Travel Blanks - TBAMTBE, VOASDWA - Prepare TBs in the VOA LAB.  
Label Cooler on TOP and right below both Handles with Site description of contents ( use extra Container Labels)

ASM: Be sure to coordinate Follow-up as needed for any new detections in Field samples.  
Acetone - follow-ups need to use EPA 624



977237  
977247  
*[Signature]*

# INTERNAL CHAIN OF CUSTODY RECORD

**eurolins** | Eaton Analytical

EEA Folder Number:  

IR Gun ID = 401 (Observation = 3.6 °C) (Corr. Factor = 0.02 °C) (Final = 3.4 °C)  
 TYPE OF ICE: Real  Synthetic  No Ice  Partially Frozen  Thawed  N/A

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

Compliance Acceptance Criteria:

- 1) Chemistry: >0, ≤ 6°C, not frozen (NELAP) (if received after 24 hrs of sample collection)
- 2) Microbiology, Distribution: < 10°C, not frozen (can be ≥ 10°C if received on ice the same day as sample collection, within 8 hours)
- 3) Microbiology, Surface Water: < 10°C (if received after 2 hours of sample collection)

If out of temperature range for both Chemistry and Microbiology samples and temperature does not confirm, then measure the temperature of each quadrant and record each temperature of the quadrants

1 = (Observation = <u> </u> °C) (Corr. Factor = <u> </u> °C) (Final = <u> </u> °C)	2 = (Observation = <u> </u> °C) (Corr. Factor = <u> </u> °C) (Final = <u> </u> °C)
3 = (Observation = <u> </u> °C) (Corr. Factor = <u> </u> °C) (Final = <u> </u> °C)	4 = (Observation = <u> </u> °C) (Corr. Factor = <u> </u> °C) (Final = <u> </u> °C)

- 4 Dioxin (1613 or 2,3,7,8 TCDD): must be between 0-4 °C, not frozen (if received after 24 hrs of sample collection)
- 5) pH Check. Manufacturer:   Lot Number:   pH strip type: 0 - 14 or   Expiration Date   Results:
- 6) Chlorine check. Manufacturer: Sansafe. Lot No.:   Expiration Date:   Results:

7) VOA and Radon Headspace:  No Samples with Headspace:  Samples with Headspace (see below):

Exempt from headspace concerns: Methods 515.4, HAA(6251,552), 505, SPME, @CH, 532LCMS, 556, 536, Anatoxin, LCMS methods using 40 ml vials, International clients: None/<6 mm

Samp ID	Bottle #	None/<6 mm	>6mm	Test	Samp ID	Bottle #	None/<6 mm	>6mm	Test

Note Sample IDs which have dissimilar headspace (i.e. potential sampling errors):  

RECEIVED BY: <u><i>Chris Breck</i></u>	SIGNATURE: <u><i>Chris Breck</i></u>	PRINT NAME: <u>Chris Breck</u>	COMPANY/TITLE: <u>Eurofins Eaton Analytical</u>	DATE: <u>12-28-21</u>	TIME: <u>1336</u>
SAMPLES CHECKED AGAINST COC BY: <u> </u>	SIGNATURE: <u> </u>	PRINT NAME: <u> </u>	COMPANY/TITLE: <u>Eurofins Eaton Analytical</u>	DATE: <u> </u>	TIME: <u> </u>

ORIGIN ID:HIKA (808) 748-5840  
BMS CHEM LAB  
HONOLULU BOARD OF WATER SUPPLY  
630 S. BERETANIA ST.  
CHEMICAL LABORATORY  
HONOLULU, HI 96843  
UNITED STATES US

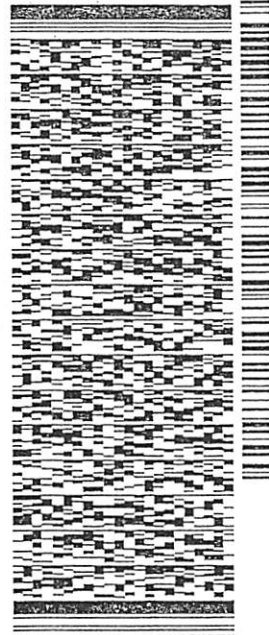
SHIP DATE: 27DEC21  
ACTWGT: 70.00 LB  
CAD: 100205419/NET4400  
BILL RECIPIENT

TO C CHUCK

EUROFINS EATON ANALYTICAL, INC  
750 ROYAL OAKS DR  
SUITE 100  
MONROVIA CA 91016

REF: (626) 386-1178  
INV: PO: DEPT:

56DJ3/E934/FE4A



TUE - 28 DEC 11:30A

PRIORITY OVERNIGHT

2 of 2

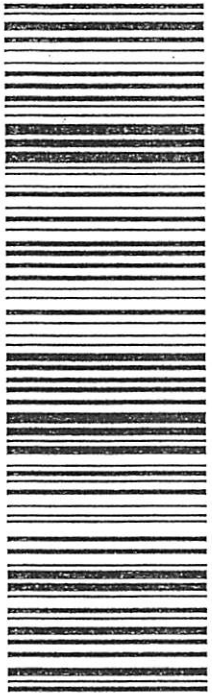
MPS# 7756 0764 5055  
0263

MST# 7756 0764 4195

0201

WZ WHPA

CA-US BUR 91016



After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

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Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

*Handwritten signatures and numbers:*  
 9777239  
 9777247  
 12/28





Eaton Analytical

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

# CHAIN OF CUSTODY RECORD

977235  
977247 <sup>1321</sup><sub>238</sub>

EUROFINS EATON ANALYTICAL USE ONLY:

LOG IN COMMENTS: \_\_\_\_\_ SAMPLES CHECKED AGAINST COC BY: DB

SAMPLES LOGGED IN BY: DB SAMPLES REC'D DAY OF COLLECTION?  (check for yes)

SAMPLE TEMP RECEIVED AT: \_\_\_\_\_ °C (Compliance: 4 ± 2 °C)

Colton / No. California / Arizona 3.4 °C (Compliance: 4 ± 2 °C)

Monrovia Partially Frozen  Thawed  Wet Ice  No Ice

CONDITION OF BLUE ICE: Frozen  Partially Frozen  Thawed  Wet Ice  No Ice

METHOD OF SHIPMENT: Pick-Up / Walk-In / FedEx / UPS / DHL / Area Fast / Top Line / Other: \_\_\_\_\_

TO BE COMPLETED BY SAMPLER:

COMPANY/AGENCY NAME: BWS HONOLULU

PROJECT CODE: RED HILL

COMPLIANCE SAMPLES  NON-COMPLIANCE SAMPLES  (check for yes)

- Requires state forms REGULATION INVOLVED: \_\_\_\_\_

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

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

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

SAMPLE DATE	SAMPLE TIME	SAMPLE ID	CLIENT LAB ID	MATRIX	FIELD DATA		SAMPLER COMMENTS
					1 day	2 day	
12/27/21	1034	Aiea Wells Pump P2	HI0000331-004	CFW	X	Red Hill Dec 2021	Temp Blank: _____ °C

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

SAMPLED BY: _____	PRINT NAME: Lew Bailey	COMPANY/TITLE: Honolulu Board of Water Supply	DATE: December 27, 2021	TIME: _____
RELINQUISHED BY: _____	Lew Bailey	Honolulu Board of Water Supply	12.28.21	1400
RECEIVED BY: _____	Chris Brook	BWA	12.28.21	1336
RELINQUISHED BY: _____				
RECEIVED BY: _____				



Eaton Analytical

Kit Order for Honolulu Board of Water Supply  
Debbie L Frank is your Eurofins Eaton Analytical, LLC Service Manager

750 Royal Oaks Drive, Suite 100  
Monrovia, California 91016-3629  
(626) 386-1100 FAX (666) 988-3757

Kit #: 307672

Created By: - [AutoGenerated]  
Deliver By: 12/22/2021  
STG: Bottle Orders  
Ice Type: G

Pre Registered

Created Date & Time: 12/10/2021 7:10:51PM

Note: Sampler Please return this paper with your samples

Client ID: HONOLULU

Project Code: RED-HILL Bottle Orders  
Group Name: Red-Hill Expanded List (Albuquerque+)  
PO#/JOB#: C20525101 exp 05312023  
Description: AIEA WELLS PUMPS 1&2 (260) - Ever



**Ship Sample Kits to**  
Honolulu Board of Water Supply  
630 South Beretania Street  
Chemistry Lab  
Honolulu, HI 96843  
Attn: Ron Fenstermacher  
Phone: 808-748-5841  
Fax: 808-550-5572

**Send Report to**  
Honolulu Board of Water Supply  
630 South Beretania Street  
Public Service Bldg. \* Room 308  
Honolulu, HI 96843  
Attn: Erwin Kawata  
Phone: 808-748-5091  
Fax: 808-550-5018

**Billing Address**  
Honolulu Board of Water Supply  
630 South Beretania Street  
Public Service Bldg. \* Room 308  
Honolulu, HI 96843  
Attn: Erwin Kawata  
Phone: 808-748-5091  
Fax: 808-550-5018

# of Sample	Tests	Bottle Qty	Type	[ preservative information ]	Total	UN DOT #
1	@625A_Physis-G, @625BN_Physis-G, @625PAH_Physis_TICS_C	4	1L	amber glass [ 1 ml Thio 8% ]	4	
1	TPH 8015 Diesel and Motor Oil_C, TPH 8015 Jet Fuel 5_C, TPH 8015 Jet Fuel 8_C	1	6L	1L amber glass [ 1 ml Thio 8% ]	6	
1	8015 Gas_C	3	40ml	amber glass vial [ 1 drop Thio (8%) ]	3	
1	8015 Gas_C TB	2	40ml	amber glass vial [ 1 drop Thio (8%) + H2O ]	2	
1	@VOASDWA-G plus plus TICs-TBC	3	40ml	amber glass vial [ 25mg-AA+H2O+10 drop 1:1 HCL ]	3	UN1789
1	@VOASDWA-C plus plus TICs-C	3	40ml	amber glass vial [ 25mg-Ascorbic+drop 2ml-1:1 HCL ]	3	UN1789
1	@8015.Ethanol_Subbed	3	40ml	amber glass vial [ no preservative ]	3	
<b>Sum Tests: 7</b>					<b>Sum Bottles: 24</b>	

**Comments**

AIEA WELLS PUMPS 1&2 (260) (331-203-TP400)

**SAMPLER:**  
Four 1 LITER AMBER GLASS BOTTLES FOR 625 SERIES AND Six 1 LITER AMBER GLASS BOTTLES FOR TPH 8015 SERIES.

**SHIPPING:**  
Travel Blanks - TBA/MTBE, VOASDWA - Prepare TBs in the VOA LAB.  
Label Cooler on TOP and right below both Handles with Site description of contents ( use extra Container Labels)

ASM: Be sure to coordinate Follow-up as needed for any new detections in Field samples.  
Acetone - follow-ups need to use EPA 624



977239  
977247  
DJS

# INTERNAL CHAIN OF CUSTODY RECORD

**eurolfins** | Eaton Analytical

BEA Folder Number: 401  
 SAMPLE TEMP RECEIVED: \_\_\_\_\_  
 Notes: If samples are out of temperature range, let the ASMs know. ASMs will determine whether to proceed with analysis or not.  
 SAMPLES REC'D DAY OF COLLECTION? Yes / No

IR Gun ID = 401 (Observation = 3.6 °C) (Corr. Factor = 0.02 °C) (Final = 3.4 °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: \_\_\_\_\_

- Compliance Acceptance Criteria:
- 1) Chemistry: >0, ≤6°C, not frozen (NELAP) (if received after 24 hrs of sample collection)
  - 2) Microbiology, Distribution: < 10°C, not frozen (can be ≥10°C if received on ice the same day as sample collection, within 8 hours)
  - 3) Microbiology, Surface Water: < 10°C (if received after 2 hours of sample collection)

If out of temperature range for both Chemistry and Microbiology samples and temperature does not confirm, then measure the temperature of each quadrant and record each temperature of the quadrants

1 = (Observation = _____ °C) (Corr. Factor = _____ °C) (Final = _____ °C)	2 = (Observation = _____ °C) (Corr. Factor = _____ °C) (Final = _____ °C)
3 = (Observation = _____ °C) (Corr. Factor = _____ °C) (Final = _____ °C)	4 = (Observation = _____ °C) (Corr. Factor = _____ °C) (Final = _____ °C)

4 Dioxin (1013 or 2,3,7,8 TCDD): must be between 0-4 °C, not frozen (if received after 24 hrs of sample collection)  
 5) pH Check. Manufacturer: \_\_\_\_\_ Lot Number: \_\_\_\_\_ pH strip type: 0 - 14 or \_\_\_\_\_ Expiration Date \_\_\_\_\_ Results: \_\_\_\_\_  
 6) Chlorine check. Manufacturer: Sansafe. Lot No.: \_\_\_\_\_ Expiration Date: \_\_\_\_\_ Results \_\_\_\_\_

7) VOA and Radon Headspace:  No Samples with Headspace: \_\_\_\_\_  Samples with Headspace (see below): \_\_\_\_\_

Headspace Documentation (use additional VOC and Radon Internal COFC for additional bottles)  
 Exempt from headspace concerns: Methods 515.4, HAA(6251,552), 505, SPME, @CH, 532LCMS, 556, 536, Anatoxin, LCMS methods using 40 ml vials, International clients:

Samp ID	Bottle #	None/<6 mm	>6mm Test	Samp ID	Bottle #	None/<6 mm	>6mm Test

Note Sample IDs which have dissimilar headspace (i.e. potential sampling errors): \_\_\_\_\_

RECEIVED BY: Chris Beach SIGNATURE: Chris Beach PRINT NAME: \_\_\_\_\_ DATE: 12-28-21 TIME: 1336

SAMPLES CHECKED AGAINST COG BY: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ PRINT NAME: \_\_\_\_\_ DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

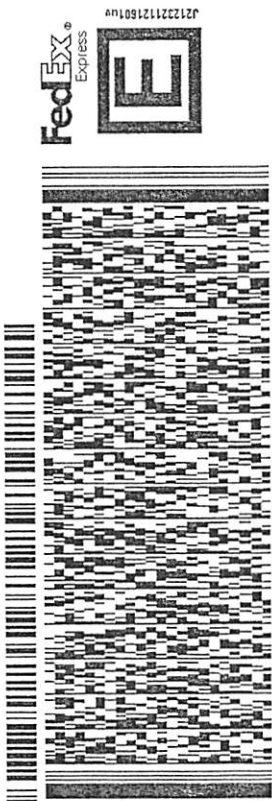
ORIGIN ID: HKA (808) 748-5840  
BWS CHEM/LAB  
HONOLULU BOARD OF WATER SUPPLY  
630 S. BERETANIA ST.  
CHEMICAL LABORATORY  
HONOLULU, HI 96843  
UNITED STATES US

SHIP DATE: 27DEC21  
ACTWGT: 70.00 LB  
CAD: 100205419/NET4400

BILL RECIPIENT

TO C CHUCK  
EUROFINS EATON ANALYTICAL, INC  
750 ROYAL OAKS DR  
SUITE 100  
MONROVIA CA 91016  
(626) 386-1178 REF:  
INV. PO. DEPT.

56DJ3/E934/FE4A



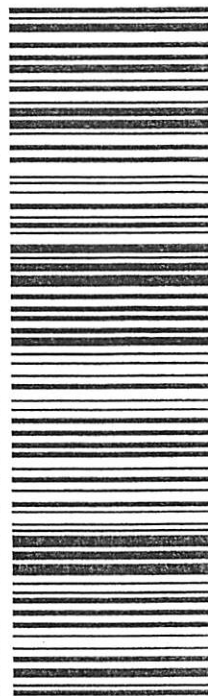
TUE - 28 DEC 11:30A  
PRIORITY OVERNIGHT

MPS# 7756 0764 5055  
0263  
Mstr# 7756 0764 4195

0201

91016  
BUR  
CA-US

WZ WHPA



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Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

977239  
977247  
R 12/28





Eaton Analytical

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

# CHAIN OF CUSTODY RECORD

EUROFINS EATON ANALYTICAL USE ONLY:

LOGIN COMMENTS:

SAMPLES CHECKED AGAINST COC BY: CB

SAMPLES LOGGED IN BY: DSB

SAMPLES REC'D DAY OF COLLECTION?  (check for yes)

SAMPLE TEMP RECEIVED AT:

Colton / No. California / Arizona  
 Monrovia

1.0 °C ( Compliance: 4 ± 2 °C )  
1.0 °C ( Compliance: 4 ± 2 °C )

CONDITION OF BLUE ICE: Frozen  Partially-Frozen  Thawed  Wet Ice  No Ice

METHOD OF SHIPMENT: Pick-Up / Walk-In / (FedEx) UPS / DHL / Area Fast / Top Line / Other: \_\_\_\_\_

TO BE COMPLETED BY SAMPLER:

COMPANY/AGENCY NAME:

BWS HONOLULU

PROJECT CODE:

Red Hill

EEA CLIENT CODE:

SAMPLE GROUP:

TAT requested: rush by adv notice only

STD  1 wk  3 day  2 day  1 day

SAMPLE DATE  
12/26/21

SAMPLE TIME  
0931

SAMPLE ID

Alea Gulch Wells Pump 1

CLIENT LAB ID

CFW

FIELD DATA

FIELD DATA

8015 Diesel & Motor Oil X  
8015 Gac\_C X  
8015 Gac\_C TB X

COMPLIANCE SAMPLES

- Requires state forms

ROUTINE SPECIAL CONFIRMATION (eg. SDWA, Phase V, NPDES, FDA...)

NON-COMPLIANCE SAMPLES

REGULATION INVOLVED:

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

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

SAMPLER COMMENTS

Temp Blank: 1.8 °C

\* 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

*Olaf Happe*

PRINT NAME

Olaf Happe

COMPANY/TITLE

Honolulu Board of Water Supply  
Honolulu Board of Water Supply

DATE

12/26/2021  
12/26/2021  
12-28-21

TIME

0931  
1203  
1302

SAMPLED BY:

RELINQUISHED BY:

RECEIVED BY:

RELINQUISHED BY:

RECEIVED BY:

977239  
977247  
Dex

# INTERNAL CHAIN OF CUSTODY RECORD

**eurolfins** | Eaton Analytical

**SAMPLE TEMP RECEIVED:**  
Note: If samples are out of temperature range, let the ASMs know. ASMs will determine whether to proceed with analysis or not.  
**SAMPLES REC'D DAY OF COLLECTION?** Yes / No

IR Gun ID = 401 (Observation = 1.2 °C) (Corr.Factor = -0.2 °C) (Final = 1.0 °C)  
TYPE OF ICE: Real  Synthetic  No Ice  Partially Frozen  Thawed  N/A

METHOD OF SHIPMENT: Pick-Up / Walk-In / FedEx / UPS / DHL / Area Fast / Top Line / Other: \_\_\_\_\_

- Compliance Acceptance Criteria:
- 1) Chemistry: >0, ≤6°C, not frozen (NELAP) (if received after 24 hrs of sample collection)
  - 2) Microbiology, Distribution: <10°C, not frozen (can be ≥10°C if received on ice the same day as sample collection, within 8 hours)
  - 3) Microbiology, Surface Water: <10°C (if received after 2 hours of sample collection)

If out of temperature range for both Chemistry and Microbiology samples and temperature does not confirm, then measure the temperature of each quadrant and record each temperature of the quadrants

1 = (Observation = _____ °C) (Corr.Factor = _____ °C) (Final = _____ °C)	2 = (Observation = _____ °C) (Corr.Factor = _____ °C) (Final = _____ °C)
3 = (Observation = _____ °C) (Corr.Factor = _____ °C) (Final = _____ °C)	4 = (Observation = _____ °C) (Corr.Factor = _____ °C) (Final = _____ °C)

- 4) Dioxin (1613 or 2,3,7,8 TCDD): must be between 0-4 °C, not frozen (if received after 24 hrs of sample collection)
- 5) pH Check. Manufacturer: \_\_\_\_\_ Lot Number: \_\_\_\_\_ pH strip type: 0 - 14 or \_\_\_\_\_ Expiration Date: \_\_\_\_\_ Results: \_\_\_\_\_
- 6) Chlorine check. Manufacturer: Sansafe. Lot No.: \_\_\_\_\_ Expiration Date: \_\_\_\_\_ Results: \_\_\_\_\_

VOA and Radon Headspace:  No Samples with Headspace:  Samples with Headspace (see below):

Headspace Documentation (use additional VOC and Radon internal COFC for additional bottles)  
Exempt from headspace concerns: Methods 515-4, HAA(6251,552), 505, SPME, @CH, 532LCMS, 556, 536, Anatoxin, LCMS methods using 40 ml vials, International clients:

Samp ID	Bottle #	None/<6 mm	>6mm	Test	Samp ID	Bottle #	None/<6 mm	>6mm	Test

Note Sample IDs which have dissimilar headspace (i.e. potential sampling errors): \_\_\_\_\_

RECEIVED BY: <u>Chris Brooks</u>	SIGNATURE: <u>Chris Brooks</u>	PRINT NAME: <u>Chris Brooks</u>	DATE: <u>12-28-21</u>	TIME: <u>1302</u>
SAMPLES CHECKED AGAINST COC BY: _____		SIGNATURE: _____	DATE: _____	TIME: _____

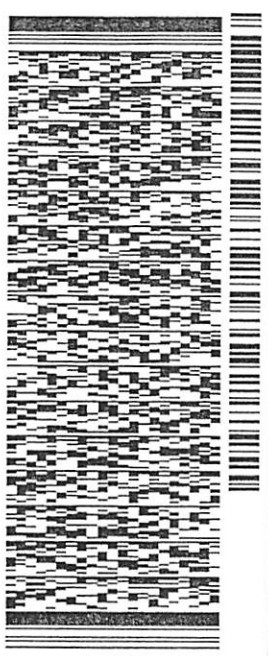


ORIGIN ID:HIKA (809) 749-5840  
 BMS CHEM LAB  
 HONOLULU BOARD OF WATER SUPPLY  
 630 S. BERETANIA ST.  
 CHEMICAL LABORATORY  
 HONOLULU HI 96843  
 UNITED STATES US

SHIP DATE: 27DEC21  
 ACTWGT: 56.00 LB  
 CAD: 100205419/NET4400  
 BILL RECIPIENT

TO **C CHUCK**  
**EUROFINS EATON ANALYTICAL, INC**  
**750 ROYAL OAKS DR**  
**SUITE 100**  
**MONROVIA CA 91016**

REF: (626) 386-1178  
 INV: PO: DEPT:



56DJ3/E934/FE4A

1 of 2  
 TRK# 7756 0764 4195  
 # MASTER ##  
 TUE - 28 DEC 11:30A  
 PRIORITY OVERNIGHT

**WZ WHPA**  
 CA-US 91016  
**BUR**



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*Handwritten notes:*  
 9777231  
 9777247  
 12/28



Eaton Analytical

# CHAIN OF CUSTODY RECORD

EUROFINS EATON ANALYTICAL USE ONLY:

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

**LOGIN COMMENTS:**

SAMPLES CHECKED AGAINST COC BY: (13)

SAMPLES LOGGED IN BY: [Signature]

SAMPLES REC'D DAY OF COLLECTION?  (check for yes)

SAMPLE TEMP RECEIVED AT:  
 Colton / No. California / Arizona  
 Monrovia  
 °C ( Compliance: 4 ± 2 °C )  
10 °C ( Compliance: 4 ± 2 °C )

CONDITION OF BLUE ICE: Frozen X Thawed      Wet Ice      No Ice       
 Partially Frozen     

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

TO BE COMPLETED BY SAMPLER:

COMPANY/AGENCY NAME: BWS HONOLULU

PROJECT CODE: Red Hill

COMPLIANCE SAMPLES  NON-COMPLIANCE SAMPLES  X

- Requires state forms  REGULATION INVOLVED:

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

**SEE ATTACHED BOTTLE ORDER FOR ANALYSES**  (check for yes), OR

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

SAMPLE DATE	SAMPLE TIME	SAMPLE ID	CLIENT LAB ID	MATRIX	FIELD DATA	FIELD DATA	8015 Diesel & Motor Oil	8015 Gac_C	8015 Gac_C TB	SAMPLER COMMENTS
12/26/21	0937	Aiea Gulch Wells Pump 2	H10000331-202	CFW			X	X	X	

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

Temp Blank: 18 °C

\* MATRIX TYPES: RSW = Raw Surface Water    CFW = Chlor(am)inated Finished Water    SEAW = Sea Water    BW = Bottled Water    SO = Soil

RGW = Raw Ground Water    FW = Other Finished Water    WW = Waste Water    SW = Storm Water    SL = Sludge

O = Other - Please Identify

SAMPLED BY:	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	<u>[Signature]</u>	Olaf Happe	Honolulu Board of Water Supply	12/26/2021	0937
RECEIVED BY:	<u>[Signature]</u>	Olaf Happe	Honolulu Board of Water Supply	12/26/2021	1203
RELINQUISHED BY:	<u>[Signature]</u>	Chris Beach	<u>BWA</u>	12-28-21	1302
RECEIVED BY:					

977239  
977247



977235  
977247  
J 28



# INTERNAL CHAIN OF CUSTODY RECORD

EEA Folder Number:

**SAMPLE TEMP RECEIVED:**  
Note: If samples are out of temperature range, let the ASMs know. ASMs will determine whether to proceed with analysis or not.  
**SAMPLES REC'D DAY OF COLLECTION?** Yes / No

IR Gun ID = 401 (Observation = 1.2 °C) (Corr.Factor = -0.2 °C) (Final = 1.0 °C) Partially Frozen  Thawed  N/A

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: \_\_\_\_\_

**Compliance Acceptance Criteria:**

- 1) Chemistry: >0, ≤ 6°C, not frozen (NELAP) (if received after 24 hrs of sample collection)
- 2) Microbiology, Distribution: < 10°C, not frozen (can be ≥ 10°C if received on ice the same day as sample collection, within 8 hours)
- 3) Microbiology, Surface Water: < 10°C (if received after 2 hours of sample collection)

If out of temperature range for both Chemistry and Microbiology samples and temperature does not confirm, then measure the temperature of each quadrant and record each temperature of the quadrants

1 = (Observation = _____ °C) (Corr.Factor = _____ °C) (Final = _____ °C)	2 = (Observation = _____ °C) (Corr.Factor = _____ °C) (Final = _____ °C)
3 = (Observation = _____ °C) (Corr.Factor = _____ °C) (Final = _____ °C)	4 = (Observation = _____ °C) (Corr.Factor = _____ °C) (Final = _____ °C)

- 4) Dioxin (1613 or 2,3,7,8 TCDD): must be between 0-4 °C, not frozen (if received after 24 hrs of sample collection)
- 5) pH Check. Manufacturer: \_\_\_\_\_ Lot Number: \_\_\_\_\_ pH strip type: 0 - 14 or \_\_\_\_\_ Expiration Date: \_\_\_\_\_ Results: \_\_\_\_\_
- 6) Chlorine check. Manufacturer: Sansafe. Lot No.: \_\_\_\_\_ Expiration Date: \_\_\_\_\_ Results: \_\_\_\_\_

7) Headspace:  No Samples with Headspace:  Samples with Headspace (see below):

Headspace Documentation (use additional VOC and Radon Internal COFC for additional bottles)  
Exempt from headspace concerns: Methods 515-4, HAA(6251,552), 505, SPME, @CH, 532LCMS, 556, 536, Anatoxin, LCMS methods using 40 ml vials, International clients: \_\_\_\_\_

Samp ID	Bottle #	None/<6 mm	>6mm	Test	Samp ID	Bottle #	None/<6 mm	>6mm	Test

Note Sample IDs which have dissimilar headspace (i.e. potential sampling errors): \_\_\_\_\_

RECEIVED BY: <u>Chun Brooks</u>	SIGNATURE: <u>Chun Brooks</u>	PRINT NAME: <u>Chun Brooks</u>	DATE: <u>12-28-21</u>
SAMPLES CHECKED AGAINST COC BY: _____		SIGNATURE: _____	DATE: _____
COMPANY/TITLE: <u>Eurofins Eaton Analytical</u>		TIME: <u>1302</u>	
COMPANY/TITLE: <u>Eurofins Eaton Analytical</u>		DATE: _____	



ORIGIN ID:HIKA (808) 748-5840  
BWS CHEM LAB  
HONOLULU BOARD OF WATER SUPPLY  
630 S. BERETANIA ST.  
CHEMICAL LABORATORY  
HONOLULU HI 96843  
UNITED STATES US

SHIP DATE: 27DEC21  
ACTWTG: 56.00 LB  
CAD: 100205419/NET1400

BILL RECIPIENT

TO C CHUCK

EUROFINS EATON ANALYTICAL, INC  
750 ROYAL OAKS DR  
SUITE 100  
MONROVIA CA 91016  
REF: (626) 386-1178  
INV: PO: DEPT:

56D.J/E934/FE4A



J212321121601uv

TUE - 28 DEC 11:30A

PRIORITY OVERNIGHT

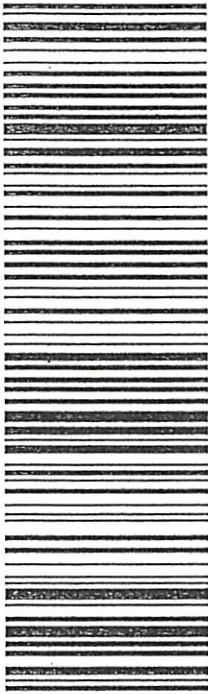
1 of 2

TRK# 7756 0764 4195  
0201

## MASTER ##

WZ WHPA

91016  
CA-US BUR



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9777235  
9777247  
12/28





9777239  
977247  
DZS

# INTERNAL CHAIN OF CUSTODY RECORD

**eurolins** | Eaton Analytical

EEA Folder Number: \_\_\_\_\_  
 SAMPLE TEMP RECEIVED: \_\_\_\_\_  
 Note: If samples are out of temperature range, let the ASMs know. ASMs will determine whether to proceed with analysis or not.  
 SAMPLES REC'D DAY OF COLLECTION? Yes / No

IR Gun ID = 401 (Observation = 1.2 °C) (Corr.Factor = -0.2 °C) (Final = 1.0 °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: \_\_\_\_\_

- Compliance Acceptance Criteria:
- 1) Chemistry: >0, ≤6°C, not frozen (NELAP) (if received after 24 hrs of sample collection)
  - 2) Microbiology, Distribution: < 10°C, not frozen (can be ≥10°C if received on ice the same day as sample collection, within 8 hours)
  - 3) Microbiology, Surface Water: < 10°C (if received after 2 hours of sample collection)

If out of temperature range for both Chemistry and Microbiology samples and temperature does not confirm, then measure the temperature of each quadrant and record each temperature of the quadrants

1 = (Observation = _____ °C) (Corr.Factor = _____ °C) (Final = _____ °C)	2 = (Observation = _____ °C) (Corr.Factor = _____ °C) (Final = _____ °C)
3 = (Observation = _____ °C) (Corr.Factor = _____ °C) (Final = _____ °C)	4 = (Observation = _____ °C) (Corr.Factor = _____ °C) (Final = _____ °C)

- 4 Dioxin (1613 or 2,3,7,8 TCDD): must be between 0-4 °C, not frozen (if received after 24 hrs of sample collection)
- 5) pH Check. Manufacturer: \_\_\_\_\_ Lot Number: \_\_\_\_\_ pH strip type: 0 - 14 or \_\_\_\_\_ Expiration Date \_\_\_\_\_ Results: \_\_\_\_\_
- 6) Chlorine check. Manufacturer: Sansafe. Lot No.: \_\_\_\_\_ Expiration Date: \_\_\_\_\_ Results \_\_\_\_\_

VOA and Radon  No Samples with Headspace:  Samples with Headspace (see below):

Headspace Documentation (use additional VOC and Radon Internal COFC for additional bottles)  
 Exempt from headspace concerns: Methods 515.4, HAA(6251,562), 505, SPME, @CH, 532LCMS, 556, 536, Anatoxin, LCMS methods using 40 ml vials, International clients:

Samp ID	Bottle #	None/<6	>6mm	Test

Note Sample IDs which have dissimilar headspace (i.e. potential sampling errors): \_\_\_\_\_

RECEIVED BY: <u>Chris Brooks</u>	PRINT NAME	DATE	TIME
<u>Chris Brooks</u>	Eurofins Eaton Analytical	12-28-21	1302
SAMPLES CHECKED AGAINST COC BY: _____	PRINT NAME	DATE	TIME
	Eurofins Eaton Analytical		

ORIGIN ID:HIKA (808) 748-5840  
BWS CHEM/LAB  
HONOLULU BOARD OF WATER SUPPLY  
630 S. BERETANIA ST.  
CHEMICAL LABORATORY  
HONOLULU, HI 96843  
UNITED STATES US

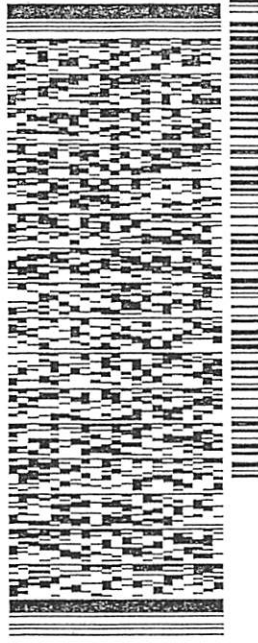
SHIP DATE: 27DEC21  
ACTW/GT: 56.00 LB  
CAD: 100205419/INNET4400  
BILL RECIPIENT

TO C CHUCK

EUROFINS EATON ANALYTICAL, INC  
750 ROYAL OAKS DR  
SUITE 100  
MONROVIA CA 91016  
REF: (626) 386-1178  
INV:  
PO:

DEPT:

56D.J3/E934/FE4A



1 of 2

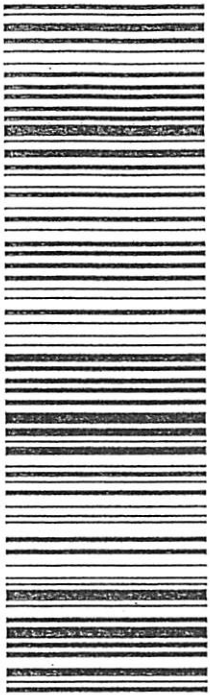
TRK# 7756 0764 4195  
0201

## MASTER ##

TUE - 28 DEC 11:30A  
PRIORITY OVERNIGHT

WZ WHPA

91016  
BUR  
CA-US



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**Warning:** Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

9777234  
9772417  
12/28





Eaton Analytical

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

# CHAIN OF CUSTODY RECORD

977-239  
977-247

EUROFINS EATON ANALYTICAL USE ONLY:

LOGIN COMMENTS: \_\_\_\_\_ SAMPLES CHECKED AGAINST COC BY: LB

SAMPLES LOGGED IN BY: DAB (check for yes)

SAMPLES REC'D DAY OF COLLECTION?  (check for yes)

SAMPLE TEMP RECEIVED AT: \_\_\_\_\_ °C (Compliance: 4 ± 2 °C)

Colton / No. California / Arizona 3.4 °C (Compliance: 4 ± 2 °C)

Monrovia

CONDITION OF BLUE ICE: Frozen  Partially Frozen \_\_\_\_\_ Thawed \_\_\_\_\_ Wet Ice \_\_\_\_\_ No Ice \_\_\_\_\_

METHOD OF SHIPMENT: Pick-Up / Walk-In /  FedEx / UPS / DHL / Area Fast / Top Line / Other: \_\_\_\_\_

TO BE COMPLETED BY SAMPLER:

COMPANY/AGENCY NAME: <b>HONOLULU BOARD OF WATER SUPPLY</b>		PROJECT CODE: <b>RED HILL-Weekly</b>		COMPLIANCE SAMPLES <input type="checkbox"/> NON-COMPLIANCE SAMPLES <input checked="" type="checkbox"/>	
EEA CLIENT CODE: COC ID: _____		SAMPLE GROUP: 4Q2021		Type of samples (circle one): ROUTINE SPECIAL CONFIRMATION (eg. SDWA, Phase V, NPDES, FDA...)	
TAT requested: <b>RUSH</b>		STD: 1 wk <input type="checkbox"/> 3 day <input type="checkbox"/> 2 day <input type="checkbox"/> 1 day <input type="checkbox"/>		SEE ATTACHED BOTTLE ORDER FOR ANALYSES <input checked="" type="checkbox"/> (check for yes), OR	
SAMPLE DATE	SAMPLE TIME	CLIENT LAB ID	MATRIX	FIELD DATA	FIELD DATA
12/27/21	0928	HI0000331-241	CFW		
Halawa Shaft		list ANALYSES REQUIRED (enter number of bottles sent for each test for each sample)			
		SEAW = Sea Water			
		WW = Waste Water			
		BW = Bottled Water			
		SW = Storm Water			
		SO = Soil			
		SL = Sludge			
		SAMPLER COMMENTS			

\* MATRIX TYPES: RSW = Raw Surface Water CFW = Chlor(am)inated Finished Water SEAW = Sea Water SO = Soil

RGW = Raw Ground Water FW = Other Finished Water WW = Waste Water BW = Bottled Water SW = Storm Water SL = Sludge

O = Other - Please Identify

SAMPLED BY:	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RELINQUISHED BY:	<i>[Signature]</i>	E Juagdan	BWS HONOLULU	12/27/21	0928
RECEIVED BY:	<i>[Signature]</i>	E Juagdan	BWS HONOLULU	12/27/21	1200
RELINQUISHED BY:	<i>[Signature]</i>	Chris Brack	604	12-28-21	1336
RECEIVED BY:					



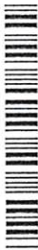
Eaton Analytical

Kit Order for Honolulu Board of Water Supply

Debbie L Frank is your Eurofins Eaton Analytical, LLC Service Manager

750 Royal Oaks Drive, Suite 100  
Monrovia, California 91016-3629  
(626) 386-1100 FAX (866) 988-3757

Kit #: 307670



Created By: - [AutoGenerated]  
Deliver By: 12/22/2021  
STG: Bottle Orders  
Ice Type: G  
Pre Registered

Client ID: HONOLULU

Project Code: RED-HILL Bottle Orders  
Group Name: Red-Hill Expanded List (Albuquerque+)  
PO#/JOB#: C20525101 exp 05312023  
Description: HALAWA SHAFT - Every 1 week on W

Note: Sampler Please return this paper with your samples

**Ship Sample Kits to**  
Honolulu Board of Water Supply  
630 South Beretania Street  
Chemistry Lab  
Honolulu, HI 96843  
Attn: Ron Fenstermacher  
Phone: 808-748-5841  
Fax: 808-550-5572

**Send Report to**  
Honolulu Board of Water Supply  
630 South Beretania Street  
Public Service Bldg." Room 308  
Honolulu, HI 96843  
Attn: Erwin Kawata  
Phone: 808-748-5091  
Fax: 808-550-5018

**Billing Address**  
Honolulu Board of Water Supply  
630 South Beretania Street  
Public Service Bldg." Room 308  
Honolulu, HI 96843  
Attn: Erwin Kawata  
Phone: 808-748-5091  
Fax: 808-550-5018

# of Sample	Tests	Bottle Qty	Type	[ preservative information ]	Total	UN DOT #
4	@625A-Physie-G, @625BN-Physie-G, @625PAH-Physis_TICS_C	8	1L-amber-glass	[ 1 ml Thio 8% ]	8	
1	TPH 8015 Diesel and Motor Oil_C, TPH 8015 Jet Fuel 5_C, TPH 8015 Jet Fuel 8_C	4	1L-amber glass	[ 1 ml Thio 8% ]	9	
1	8015 Gas_C	3	40ml amber glass vial	[ 1 drop Thio (8%) ]	3	
1	8015 Gas_C TB	2	40ml amber glass vial	[ 1 drop Thio (8%) + H2O ]	2	
1	@VQASDWA-G-plus-plus-TIGs-TBG	3	40ml-amber-glass-vial	[ 25mg-AAI-H2O+10-drop-1-1-HCL ]	3	UN1780
1	@VQASDWA-C-plus-plus-TICS_C	3	40ml-amber-glass-vial	[ 25mg-Ascorbic+drop-2ml-1-1-HCL ]	3	UN1780
1	@9014-Ethanol-Subbed	1	40ml-amber-glass-vial	[ no preservative ]	1	
<b>Sum Tests: 7</b>					<b>Sum Bottles: 32</b>	

Sum Bottles: 32

Comments

2nd MS/MSD  
SITE ID:  
331-241 HALAWA SHAFT  
SAMPLER: Eight 1 LITER AMBER GLASS BOTTLES FOR 625 SERIES and Nine 1 LITER AMBER GLASS BOTTLES FOR TPH 8015 SERIES.



977239  
977247  
[Signature]

# INTERNAL CHAIN OF CUSTODY RECORD

**euoifins** | Eaton Analytical

**SAMPLE TEMP RECEIVED:**  
 Note: If samples are out of temperature range, let the ASMs know. ASMs will determine whether to proceed with analysis or not.  
**SAMPLES REC'D DAY OF COLLECTION?** Yes / No

IR Gun ID = 401 (Observation = 3.6 °C) (Corr.Factor = 0.02 °C) (Final = 3.4 °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: \_\_\_\_\_

**Compliance Acceptance Criteria:**

- 1) Chemistry: >0, ≤6°C, not frozen (NELAP) (if received after 24 hrs of sample collection)
- 2) Microbiology, Distribution: < 10°C, not frozen (can be ≥10°C if received on ice the same day as sample collection, within 8 hours)
- 3) Microbiology, Surface Water: < 10°C (if received after 2 hours of sample collection)

If out of temperature range for both Chemistry and Microbiology samples and temperature does not confirm, then measure the temperature of each quadrant and record each temperature of the quadrants

1 = (Observation = _____ °C) (Corr.Factor = _____ °C) (Final = _____ °C)	2 = (Observation = _____ °C) (Corr.Factor = _____ °C) (Final = _____ °C)
3 = (Observation = _____ °C) (Corr.Factor = _____ °C) (Final = _____ °C)	4 = (Observation = _____ °C) (Corr.Factor = _____ °C) (Final = _____ °C)

- 4 Dioxin (1613 or 2,3,7,8 TCDD): must be between 0-4 °C, not frozen (if received after 24 hrs of sample collection)
- 5) pH Check. Manufacturer: \_\_\_\_\_ Lot Number: \_\_\_\_\_ pH strip type: 0 - 14 or \_\_\_\_\_ Expiration Date \_\_\_\_\_ Results: \_\_\_\_\_
- 6) Chlorine check. Manufacturer: Sansafe. Lot No.: \_\_\_\_\_ Expiration Date: \_\_\_\_\_ Results \_\_\_\_\_

7) VOA and Radon Headspace:  No Samples with Headspace:  Samples with Headspace (see below):

Headspace Documentation (use additional VOC and Radon Internal COFC for additional bottles)  
 Exempt from headspace concerns: Methods 515.4, HAA(0251,552), 505, SP/ME, @CH, 532LCMS, 556, 536, Anatoxin, LCMS methods using 40 ml vials, International clients: \_\_\_\_\_

Samp ID	Bottle #	None/<6	>6mm	Test	Samp ID	Bottle #	None/<6	>6mm	Test

Note Sample IDs which have dissimilar headspace (i.e. potential sampling errors): \_\_\_\_\_

RECEIVED BY: <u>Chris Breck</u>	SIGNATURE: <u>Chris Breck</u>	PRINT NAME: <u>Chris Breck</u>	COMPANY/TITLE: <u>Eurofins Eaton Analytical</u>	DATE: <u>12-28-21</u>	TIME: <u>1336</u>
SAMPLES CHECKED AGAINST COC BY: _____			COMPANY/TITLE: <u>Eurofins Eaton Analytical</u>	DATE: _____	TIME: _____



ORIGIN ID:HIKA (608) 748-5640  
 BWS-CHEMLAB  
 HONOLULU BOARD OF WATER SUPPLY  
 630 S. BERETANIA ST.  
 CHEMICAL LABORATORY  
 HONOLULU, HI 96843  
 UNITED STATES US

SHIP DATE: 27DEC21  
 ACTWGT: 70.00 LB  
 CAD: 100205419/INET4400

BILL RECIPIENT

TO C CHUCK

EUROFINS EATON ANALYTICAL, INC  
 750 ROYAL OAKS DR  
 SUITE 100  
 MONROVIA CA 91016

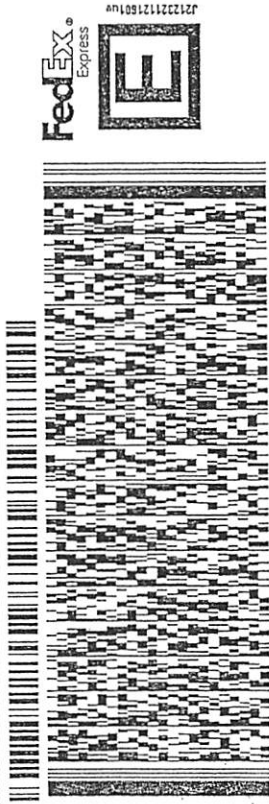
INV: (626) 386-1178

REF:

PO:

DEPT:

56DJ3/E934/FE4A



TUE - 28 DEC 11:30A  
 PRIORITY OVERNIGHT

2 of 2

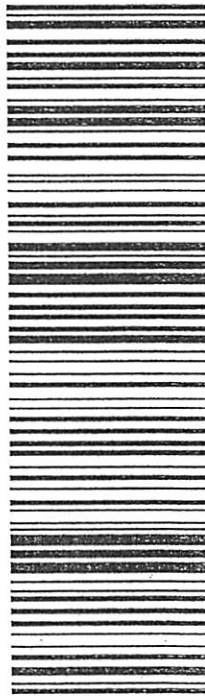
MPS# 7756 0764 5055

0263

Mstr# 7756 0764 4195

0201

**WZ WHPA** 91016  
 CA-US BUR



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Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.  
 Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

977239  
 977247  
 12/28

Tel: (626) 386-1100  
Fax: (866) 988-3757  
1 800 566 LABS (1 800 566 5227)

**Laboratory Comments**

**Report:** 977247  
**Project:** RED-HILL  
**Group:** TPH-8015\_Red\_Hill(2021)

Honolulu Board of Water Supply  
Erwin Kawata  
630 South Beretania Street  
Public Service Bldg." Room 308  
Honolulu, HI 96843

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**Folder Comments**

Results for Gas Range Organics and TPH Carbon Chain are submitted by Asset Laboratories

Report Revised. 202112280805 Sample ID is updated to include additional distinguishing identifier (P2). deb 010522

Samples are received in multiple coolers. Earliest receipt time and highest receipt temperature is logged for the folder. deb122821

Tel: (626) 386-1100  
Fax: (866) 988-3757  
1 800 566 LABS (1 800 566 5227)

Report: 977247  
Project: RED-HILL  
Group: TPH-8015\_Red\_Hill(2021)

**Honolulu Board of Water Supply**  
Erwin Kawata  
630 South Beretania Street  
Public Service Bldg." Room 308  
Honolulu, HI 96843

Samples Received on:  
12/28/2021 1302

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Analyzed	Analyte	Sample ID	Result	HI Limit	Units	MRL
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Tel: (626) 386-1100  
 Fax: (626) 988-3757  
 1 800 566 LABS (1 800 566 5227)

Report: 977247  
 Project: RED-HILL  
 Group: TPH-8015\_Red\_Hill(2021)

**Honolulu Board of Water Supply**  
 Erwin Kawata  
 630 South Beretania Street  
 Public Service Bldg. Room 308  
 Honolulu, HI 96843

Samples Received on:  
 12/28/2021 1302

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
<b>HALAWA WELLS P2 331-024-WL064 (202112280799)</b>						<b>Sampled on 12/27/2021 0956</b>			
Static ID: HI0000331-024									
<b>SW 8015B - (SUB)Gas Fraction Hydrocarbons</b>									
12/31/21	12/31/21 22:17			(SW 8015B)	(SUB)Gas Fraction Hydrocarbons	ND	mg/L	0.05	1
<b>EPA 8015 - 8015 C8-C44</b>									
	12/30/21 21:30			(EPA 8015)	C11-C12	ND	ug/L	50	1
	12/30/21 21:30			(EPA 8015)	C13-C14	ND	ug/L	50	1
	12/30/21 21:30			(EPA 8015)	C15-C16	ND	ug/L	50	1
	12/30/21 21:30			(EPA 8015)	C17-C18	ND	ug/L	50	1
	12/30/21 21:30			(EPA 8015)	C19-C20	ND	ug/L	50	1
	12/30/21 21:30			(EPA 8015)	C21-C22	ND	ug/L	50	1
	12/30/21 21:30			(EPA 8015)	C23-C24	ND	ug/L	50	1
	12/30/21 21:30			(EPA 8015)	C25-C26	ND	ug/L	50	1
	12/30/21 21:30			(EPA 8015)	C29-C32	ND	ug/L	50	1
	12/30/21 21:30			(EPA 8015)	C33-C36	ND	ug/L	50	1
	12/30/21 21:30			(EPA 8015)	C37-C40	ND	ug/L	50	1
	12/30/21 21:30			(EPA 8015)	C41-C44	ND	ug/L	50	1
	12/30/21 21:30			(EPA 8015)	C8	ND	ug/L	50	1
	12/30/21 21:30			(EPA 8015)	C8-C44	ND	ug/L	50	1
	12/30/21 21:30			(EPA 8015)	C9-C10	ND	ug/L	50	1
	12/30/21 21:30			(EPA 8015)	Diesl Range Organics (DRO)-C10-C28	ND	ug/L	50	1
	12/30/21 21:30			(EPA 8015)	Gas Range Organics C8-C10	ND	ug/L	50	1
	12/30/21 21:30			(EPA 8015)	Oil Range Organics (C28-C40)	ND	ug/L	50	1
<b>TB: HALAWA WELLS P2 331-024-WL064 (202112280800)</b>						<b>Sampled on 12/27/2021 0956</b>			
Static ID: HI0000331-024									
<b>SW 8015B - (SUB)Gas Fraction Hydrocarbons</b>									
12/31/21	12/31/21 16:39			(SW 8015B)	(SUB)Gas Fraction Hydrocarbons	ND	mg/L	0.05	1
<b>AIEA WELLS P2 (260) 331-004-WL103 (202112280801)</b>						<b>Sampled on 12/27/2021 1034</b>			
Static ID: HI0000331-004									
<b>SW 8015B - (SUB)Gas Fraction Hydrocarbons</b>									
12/31/21	12/31/21 17:09			(SW 8015B)	(SUB)Gas Fraction Hydrocarbons	ND	mg/L	0.05	1
<b>EPA 8015 - 8015 C8-C44</b>									
	12/30/21 22:06			(EPA 8015)	C11-C12	ND	ug/L	50	1
	12/30/21 22:06			(EPA 8015)	C13-C14	ND	ug/L	50	1
	12/30/21 22:06			(EPA 8015)	C15-C16	ND	ug/L	50	1
	12/30/21 22:06			(EPA 8015)	C17-C18	ND	ug/L	50	1
	12/30/21 22:06			(EPA 8015)	C19-C20	ND	ug/L	50	1
	12/30/21 22:06			(EPA 8015)	C21-C22	ND	ug/L	50	1

Rounding on totals after summation.  
 (c) - indicates calculated results. Analysis is a calculated result. Reported results are not rounded until the final step before reporting. Therefore methods that use a test result with further calculation may have slight differences in final result than the component analyses.

Tel: (626) 386-1100  
 Fax: (626) 988-3757  
 1 800 566 LABS (1 800 566 5227)

Report: 977247  
 Project: RED-HILL  
 Group: TPH-8015\_Red\_Hill(2021)

**Honolulu Board of Water Supply**  
 Erwin Kawata  
 630 South Beretania Street  
 Public Service Bldg." Room 308  
 Honolulu, HI 96843

Samples Received on:  
 12/28/2021 1302

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
	12/30/21 22:06			(EPA 8015)	C23-C24	ND	ug/L	50	1
	12/30/21 22:06			(EPA 8015)	C25-C26	ND	ug/L	50	1
	12/30/21 22:06			(EPA 8015)	C29-C32	ND	ug/L	50	1
	12/30/21 22:06			(EPA 8015)	C33-C36	ND	ug/L	50	1
	12/30/21 22:06			(EPA 8015)	C37-C40	ND	ug/L	50	1
	12/30/21 22:06			(EPA 8015)	C41-C44	ND	ug/L	50	1
	12/30/21 22:06			(EPA 8015)	C8	ND	ug/L	50	1
	12/30/21 22:06			(EPA 8015)	C8-C44	ND	ug/L	50	1
	12/30/21 22:06			(EPA 8015)	C9-C10	ND	ug/L	50	1
	12/30/21 22:06			(EPA 8015)	Diesl Range Organics (DRO)-C10-C28	ND	ug/L	50	1
	12/30/21 22:06			(EPA 8015)	Gas Range Organics C8-C10	ND	ug/L	50	1
	12/30/21 22:06			(EPA 8015)	Oil Range Organics (C28-C40)	ND	ug/L	50	1

**TB: AIEA WELLS P2 (260) 331-004-WL103 (202112280802)**

Sampled on 12/27/2021 1034

Static ID: HI0000331-004

**SW 8015B - (SUB)Gas Fraction Hydrocarbons**

12/31/21	12/31/21 17:40			(SW 8015B)	(SUB)Gas Fraction Hydrocarbons	ND	mg/L	0.05	1
----------	----------------	--	--	------------	--------------------------------	----	------	------	---

**AIEA GULCH WELLS P1 331-201-TP071 (202112280803)**

Sampled on 12/26/2021 0931

Static ID: HI0000331-201

**SW 8015B - (SUB)Gas Fraction Hydrocarbons**

12/31/21	12/31/21 18:11			(SW 8015B)	(SUB)Gas Fraction Hydrocarbons	ND	mg/L	0.05	1
----------	----------------	--	--	------------	--------------------------------	----	------	------	---

**EPA 8015 - 8015 C8-C44**

	12/30/21 22:41			(EPA 8015)	C11-C12	ND	ug/L	50	1
	12/30/21 22:41			(EPA 8015)	C13-C14	ND	ug/L	50	1
	12/30/21 22:41			(EPA 8015)	C15-C16	ND	ug/L	50	1
	12/30/21 22:41			(EPA 8015)	C17-C18	ND	ug/L	50	1
	12/30/21 22:41			(EPA 8015)	C19-C20	ND	ug/L	50	1
	12/30/21 22:41			(EPA 8015)	C21-C22	ND	ug/L	50	1
	12/30/21 22:41			(EPA 8015)	C23-C24	ND	ug/L	50	1
	12/30/21 22:41			(EPA 8015)	C25-C26	ND	ug/L	50	1
	12/30/21 22:41			(EPA 8015)	C29-C32	ND	ug/L	50	1
	12/30/21 22:41			(EPA 8015)	C33-C36	ND	ug/L	50	1
	12/30/21 22:41			(EPA 8015)	C37-C40	ND	ug/L	50	1
	12/30/21 22:41			(EPA 8015)	C41-C44	ND	ug/L	50	1
	12/30/21 22:41			(EPA 8015)	C8	ND	ug/L	50	1
	12/30/21 22:41			(EPA 8015)	C8-C44	ND	ug/L	50	1
	12/30/21 22:41			(EPA 8015)	C9-C10	ND	ug/L	50	1
	12/30/21 22:41			(EPA 8015)	Diesl Range Organics (DRO)-C10-C28	ND	ug/L	50	1
	12/30/21 22:41			(EPA 8015)	Gas Range Organics C8-C10	ND	ug/L	50	1

Rounding on totals after summation.

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 Fax: (626) 988-3757  
 1 800 566 LABS (1 800 566 5227)

Report: 977247  
 Project: RED-HILL  
 Group: TPH-8015\_Red\_Hill(2021)

**Honolulu Board of Water Supply**  
 Erwin Kawata  
 630 South Beretania Street  
 Public Service Bldg." Room 308  
 Honolulu, HI 96843

Samples Received on:  
 12/28/2021 1302

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
	12/30/21 22:41			(EPA 8015)	Oil Range Organics (C28-C40)	ND	ug/L	50	1
<b>TB:AIEA GULCH WELLS P1 331-201-TP071 (202112280804)</b>						<b>Sampled on 12/26/2021 0931</b>			
Static ID: HI0000331-201									
<b>SW 8015B - (SUB)Gas Fraction Hydrocarbons</b>									
12/31/21	12/31/21 18:42			(SW 8015B)	(SUB)Gas Fraction Hydrocarbons	ND	mg/L	0.05	1
<b>AIEA GULCH WELLS P2 331-202-TP072 (202112280805)</b>						<b>Sampled on 12/26/2021 0937</b>			
Static ID: HI0000331-207									
<b>SW 8015B - (SUB)Gas Fraction Hydrocarbons</b>									
12/31/21	12/31/21 19:12			(SW 8015B)	(SUB)Gas Fraction Hydrocarbons	ND	mg/L	0.05	1
<b>EPA 8015 - 8015 C8-C44</b>									
	12/30/21 23:17			(EPA 8015)	C11-C12	ND	ug/L	50	1
	12/30/21 23:17			(EPA 8015)	C13-C14	ND	ug/L	50	1
	12/30/21 23:17			(EPA 8015)	C15-C16	ND	ug/L	50	1
	12/30/21 23:17			(EPA 8015)	C17-C18	ND	ug/L	50	1
	12/30/21 23:17			(EPA 8015)	C19-C20	ND	ug/L	50	1
	12/30/21 23:17			(EPA 8015)	C21-C22	ND	ug/L	50	1
	12/30/21 23:17			(EPA 8015)	C23-C24	ND	ug/L	50	1
	12/30/21 23:17			(EPA 8015)	C25-C26	ND	ug/L	50	1
	12/30/21 23:17			(EPA 8015)	C29-C32	ND	ug/L	50	1
	12/30/21 23:17			(EPA 8015)	C33-C36	ND	ug/L	50	1
	12/30/21 23:17			(EPA 8015)	C37-C40	ND	ug/L	50	1
	12/30/21 23:17			(EPA 8015)	C41-C44	ND	ug/L	50	1
	12/30/21 23:17			(EPA 8015)	C8	ND	ug/L	50	1
	12/30/21 23:17			(EPA 8015)	C8-C44	ND	ug/L	50	1
	12/30/21 23:17			(EPA 8015)	C9-C10	ND	ug/L	50	1
	12/30/21 23:17			(EPA 8015)	Diesl Range Organics (DRO)-C10-C28	ND	ug/L	50	1
	12/30/21 23:17			(EPA 8015)	Gas Range Organics C8-C10	ND	ug/L	50	1
	12/30/21 23:17			(EPA 8015)	Oil Range Organics (C28-C40)	ND	ug/L	50	1
<b>TB:AIEA GULCH WELLS P2 331-202-TP072 (202112280806)</b>						<b>Sampled on 12/26/2021 0937</b>			
Static ID: HI0000331-207									
<b>SW 8015B - (SUB)Gas Fraction Hydrocarbons</b>									
12/31/21	12/31/21 19:43			(SW 8015B)	(SUB)Gas Fraction Hydrocarbons	ND	mg/L	0.05	1
<b>MOANALUA WELLS 331-223-TP202 (202112280807)</b>						<b>Sampled on 12/26/2021 0827</b>			
Static ID: HI0000331-223									
<b>SW 8015B - (SUB)Gas Fraction Hydrocarbons</b>									
12/31/21	12/31/21 20:14			(SW 8015B)	(SUB)Gas Fraction Hydrocarbons	ND	mg/L	0.05	1
<b>EPA 8015 - 8015 C8-C44</b>									
	12/30/21 23:52			(EPA 8015)	C11-C12	ND	ug/L	50	1

Rounding on totals after summation.  
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Report: 977247  
 Project: RED-HILL  
 Group: TPH-8015\_Red\_Hill(2021)

**Honolulu Board of Water Supply**  
 Erwin Kawata  
 630 South Beretania Street  
 Public Service Bldg." Room 308  
 Honolulu, HI 96843

Samples Received on:  
 12/28/2021 1302

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
	12/30/21 23:52			(EPA 8015)	C13-C14	ND	ug/L	50	1
	12/30/21 23:52			(EPA 8015)	C15-C16	ND	ug/L	50	1
	12/30/21 23:52			(EPA 8015)	C17-C18	ND	ug/L	50	1
	12/30/21 23:52			(EPA 8015)	C19-C20	ND	ug/L	50	1
	12/30/21 23:52			(EPA 8015)	C21-C22	ND	ug/L	50	1
	12/30/21 23:52			(EPA 8015)	C23-C24	ND	ug/L	50	1
	12/30/21 23:52			(EPA 8015)	C25-C26	ND	ug/L	50	1
	12/30/21 23:52			(EPA 8015)	C29-C32	ND	ug/L	50	1
	12/30/21 23:52			(EPA 8015)	C33-C36	ND	ug/L	50	1
	12/30/21 23:52			(EPA 8015)	C37-C40	ND	ug/L	50	1
	12/30/21 23:52			(EPA 8015)	C41-C44	ND	ug/L	50	1
	12/30/21 23:52			(EPA 8015)	C8	ND	ug/L	50	1
	12/30/21 23:52			(EPA 8015)	C8-C44	ND	ug/L	50	1
	12/30/21 23:52			(EPA 8015)	C9-C10	ND	ug/L	50	1
	12/30/21 23:52			(EPA 8015)	Diesl Range Organics (DRO)-C10-C28	ND	ug/L	50	1
	12/30/21 23:52			(EPA 8015)	Gas Range Organics C8-C10	ND	ug/L	50	1
	12/30/21 23:52			(EPA 8015)	Oil Range Organics (C28-C40)	ND	ug/L	50	1
<b><u>TB:MOANALUA WELLS 331-223-TP202 (202112280808)</u></b>						<b>Sampled on 12/26/2021 0827</b>			
Static ID: HI0000331-223									
<b>SW 8015B - (SUB)Gas Fraction Hydrocarbons</b>									
12/31/21	12/31/21 20:45			(SW 8015B)	(SUB)Gas Fraction Hydrocarbons	ND	mg/L	0.05	1
<b><u>HALAWA SHAFT 331-241-TP401 (202112280809)</u></b>						<b>Sampled on 12/27/2021 0928</b>			
Static ID: HI0000331-241									
<b>SW 8015B - (SUB)Gas Fraction Hydrocarbons</b>									
12/31/21	12/31/21 21:15			(SW 8015B)	(SUB)Gas Fraction Hydrocarbons	ND	mg/L	0.05	1
<b>EPA 8015 - 8015 C8-C44</b>									
	12/31/21 00:28			(EPA 8015)	C11-C12	ND	ug/L	50	1
	12/31/21 00:28			(EPA 8015)	C13-C14	ND	ug/L	50	1
	12/31/21 00:28			(EPA 8015)	C15-C16	ND	ug/L	50	1
	12/31/21 00:28			(EPA 8015)	C17-C18	ND	ug/L	50	1
	12/31/21 00:28			(EPA 8015)	C19-C20	ND	ug/L	50	1
	12/31/21 00:28			(EPA 8015)	C21-C22	ND	ug/L	50	1
	12/31/21 00:28			(EPA 8015)	C23-C24	ND	ug/L	50	1
	12/31/21 00:28			(EPA 8015)	C25-C26	ND	ug/L	50	1
	12/31/21 00:28			(EPA 8015)	C29-C32	ND	ug/L	50	1
	12/31/21 00:28			(EPA 8015)	C33-C36	ND	ug/L	50	1
	12/31/21 00:28			(EPA 8015)	C37-C40	ND	ug/L	50	1
	12/31/21 00:28			(EPA 8015)	C41-C44	ND	ug/L	50	1

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Laboratory Data

Report: 977247  
 Project: RED-HILL  
 Group: TPH-8015\_Red\_Hill(2021)

**Honolulu Board of Water Supply**  
 Erwin Kawata  
 630 South Beretania Street  
 Public Service Bldg." Room 308  
 Honolulu, HI 96843

Samples Received on:  
 12/28/2021 1302

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
	12/31/21 00:28			(EPA 8015)	C8	ND	ug/L	50	1
	12/31/21 00:28			(EPA 8015)	C8-C44	ND	ug/L	50	1
	12/31/21 00:28			(EPA 8015)	C9-C10	ND	ug/L	50	1
	12/31/21 00:28			(EPA 8015)	Diesel Range Organics (DRO)-C10-C28	ND	ug/L	50	1
	12/31/21 00:28			(EPA 8015)	Gas Range Organics C8-C10	ND	ug/L	50	1
	12/31/21 00:28			(EPA 8015)	Oil Range Organics (C28-C40)	ND	ug/L	50	1

**TB:HALAWA SHAFT 331-241-TP401 (202112280810)**

Sampled on 12/27/2021 0928

Static ID: HI0000331-241

**SW 8015B - (SUB)Gas Fraction Hydrocarbons**

12/31/21	12/31/21 20:46			(SW 8015B)	(SUB)Gas Fraction Hydrocarbons	ND	mg/L	0.05	1
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Rounding on totals after summation.

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January 03, 2022

Debbie Frank  
Eurofins  
750 Royal Oaks Drive Suite 100  
Monrovia, CA 91016-3629  
TEL: (626) 386-1158  
FAX:

Workorder No.: N048621

RE:

Attention: Debbie Frank

Enclosed are the results for sample(s) received on December 30, 2021 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Nancy Sibucan  
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - Las Vegas.



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**CLIENT:** Eurofins  
**Project:**  
**Lab Order:** N048621

**CASE NARRATIVE**

**SAMPLE RECEIVING/GENERAL COMMENTS:**

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.





**ASSET Laboratories**

Date: 03-Jan-22

**CLIENT:** Eurofins  
**Project:**  
**Lab Order:** N048621  
**Contract No:**

**Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N048621-001A	977247_202112280799_HAL	Drinking Water AWA WELLS P2 (331-024-WL064	12/27/2021 9:56:00 AM	12/30/2021	1/3/2022
N048621-001B	977247_202112280799_HAL	Drinking Water AWA WELLS P2 (331-024-WL064	12/27/2021 9:56:00 AM	12/30/2021	1/3/2022
N048621-002A	977247_202112280800_TB:	Drinking Water HALAWA WELLS P2 (331-024-WL	12/27/2021 9:56:00 AM	12/30/2021	1/3/2022
N048621-003A	977247_202112280801_AIE	Drinking Water A WELLS P2(260)-331-004-WL1	12/27/2021 10:34:00 AM	12/30/2021	1/3/2022
N048621-003B	977247_202112280801_AIE	Drinking Water A WELLS P2(260)-331-004-WL1	12/27/2021 10:34:00 AM	12/30/2021	1/3/2022
N048621-004A	977247_202112280802_TB:	Drinking Water AIEA WELLS P2 (260)-331-004	12/27/2021 10:34:00 AM	12/30/2021	1/3/2022
N048621-005A	977247_202112280803_AIE	Drinking Water A GULCH WELLS P1 (331-201-T	12/26/2021 9:31:00 AM	12/30/2021	1/3/2022
N048621-005B	977247_202112280803_AIE	Drinking Water A GULCH WELLS P1 (331-201-T	12/26/2021 9:31:00 AM	12/30/2021	1/3/2022
N048621-006A	977247_202112280804_TB:	Drinking Water AIEA GULCH WELLS P1 (331-20	12/26/2021 9:31:00 AM	12/30/2021	1/3/2022
N048621-007A	977247_202112280805_AIE	Drinking Water A GULCH WELLS P2 (331-202-T	12/26/2021 9:37:00 AM	12/30/2021	1/3/2022
N048621-007B	977247_202112280805_AIE	Drinking Water A GULCH WELLS P2 (331-202-T	12/26/2021 9:37:00 AM	12/30/2021	1/3/2022
N048621-008A	977247_202112280806_TB:	Drinking Water AIEA GULCH WELLS P2 (331-20	12/26/2021 9:37:00 AM	12/30/2021	1/3/2022
N048621-009A	977247_202112280807_MO	Drinking Water ANALUA WELLS (331-223-TP202)	12/26/2021 8:27:00 AM	12/30/2021	1/3/2022



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**CLIENT:** Eurofins  
**Project:**  
**Lab Order:** N048621  
**Contract No:**

## Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N048621-009B	977247_202112280807_MO ANALUA WELLS (331-223-TP202)	Drinking Water	12/26/2021 8:27:00 AM	12/30/2021	1/3/2022
N048621-010A	977247_202112280808_TB: MOANALUA WELLS (331-223-TP2)	Drinking Water	12/26/2021 8:27:00 AM	12/30/2021	1/3/2022
N048621-011A	977247_202112280809_HAL AWA SHAFT-331-241-TP401	Drinking Water	12/27/2021 9:28:00 AM	12/30/2021	1/3/2022
N048621-011B	977247_202112280809_HAL AWA SHAFT-331-241-TP401	Drinking Water	12/27/2021 9:28:00 AM	12/30/2021	1/3/2022
N048621-012A	977247_202112280810_TB: HALAWA SHAFT-331-241-TP401	Drinking Water	12/27/2021 9:28:00 AM	12/30/2021	1/3/2022



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**ASSET Laboratories**

**ANALYTICAL RESULTS**

Print Date: 03-Jan-22

<b>CLIENT:</b> Eurofins	<b>Client Sample ID:</b> 977247_202112280799_HALAWA W
<b>Lab Order:</b> N048621	<b>Collection Date:</b> 12/27/2021 9:56:00 AM
<b>Project:</b>	<b>Matrix:</b> DRINKING WATER
<b>Lab ID:</b> N048621-001A	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>TPH CARBON CHAIN EPA 8015</b>						
	<b>EPA 3510C</b>		<b>EPA 8015B(M)</b>			
RunID: NV00922-GC3_211230B	QC Batch: 90910				PrepDate: 12/30/2021	Analyst: MCC
Diesel Range Organics (C10-C28)	ND	50		ug/L	1	12/30/2021 09:30 PM
C11-C12	ND	50		ug/L	1	12/30/2021 09:30 PM
C13-C14	ND	50		ug/L	1	12/30/2021 09:30 PM
C15-C16	ND	50		ug/L	1	12/30/2021 09:30 PM
C17-C18	ND	50		ug/L	1	12/30/2021 09:30 PM
C19-C20	ND	50		ug/L	1	12/30/2021 09:30 PM
C21-C22	ND	50		ug/L	1	12/30/2021 09:30 PM
C23-C24	ND	50		ug/L	1	12/30/2021 09:30 PM
C25-C26	ND	50		ug/L	1	12/30/2021 09:30 PM
Oil Range Organics (C28-C40)	ND	50		ug/L	1	12/30/2021 09:30 PM
C29-C32	ND	50		ug/L	1	12/30/2021 09:30 PM
C33-C36	ND	50		ug/L	1	12/30/2021 09:30 PM
C37-C40	ND	50		ug/L	1	12/30/2021 09:30 PM
C41-C44	ND	50		ug/L	1	12/30/2021 09:30 PM
C8 as C8	ND	50		ug/L	1	12/30/2021 09:30 PM
Gas Range Organics (extractable) (C10)	ND	50		ug/L	1	12/30/2021 09:30 PM
C8-C44	ND	50		ug/L	1	12/30/2021 09:30 PM
C9-C10	ND	50		ug/L	1	12/30/2021 09:30 PM
Surr: p-Terphenyl	88.8	33-138		%REC	1	12/30/2021 09:30 PM

<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



**ASSET LABORATORIES**  
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**ANALYTICAL RESULTS**

Print Date: 03-Jan-22

<b>CLIENT:</b> Eurofins	<b>Client Sample ID:</b> 977247_202112280799_HALAWA W
<b>Lab Order:</b> N048621	<b>Collection Date:</b> 12/27/2021 9:56:00 AM
<b>Project:</b>	<b>Matrix:</b> DRINKING WATER
<b>Lab ID:</b> N048621-001B	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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**GASOLINE RANGE ORGANICS BY GC/FID**

**EPA 8015B**

RunID: NV00922-GC4_211231A	QC Batch: E21WV120	PrepDate:	Analyst: DJ		
GRO	ND	0.050	mg/L	1	12/31/2021 10:17 PM
Surr: Chlorobenzene - d5	118	69-130	%REC	1	12/31/2021 10:17 PM

<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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**ASSET Laboratories**

**ANALYTICAL RESULTS**

Print Date: 03-Jan-22

<b>CLIENT:</b>	Eurofins	<b>Client Sample ID:</b>	977247_202112280800_TB:HALAW
<b>Lab Order:</b>	N048621	<b>Collection Date:</b>	12/27/2021 9:56:00 AM
<b>Project:</b>		<b>Matrix:</b>	DRINKING WATER
<b>Lab ID:</b>	N048621-002A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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**GASOLINE RANGE ORGANICS BY GC/FID**

**EPA 8015B**

RunID: NV00922-GC4_211231A	QC Batch: E21WV120	PrepDate:	Analyst: DJ		
GRO	ND	0.050	mg/L	1	12/31/2021 04:39 PM
Surr: Chlorobenzene - d5	117	69-130	%REC	1	12/31/2021 04:39 PM

<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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**ANALYTICAL RESULTS**

Print Date: 03-Jan-22

<b>CLIENT:</b> Eurofins	<b>Client Sample ID:</b> 977247_202112280801_AIEA WELL
<b>Lab Order:</b> N048621	<b>Collection Date:</b> 12/27/2021 10:34:00 AM
<b>Project:</b>	<b>Matrix:</b> DRINKING WATER
<b>Lab ID:</b> N048621-003A	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>TPH CARBON CHAIN EPA 8015</b>						
	<b>EPA 3510C</b>					<b>EPA 8015B(M)</b>
RunID: NV00922-GC3_211230B	QC Batch: 90910				PrepDate: 12/30/2021	Analyst: <b>MCC</b>
Diesel Range Organics (C10-C28)	ND	50		ug/L	1	12/30/2021 10:06 PM
C11-C12	ND	50		ug/L	1	12/30/2021 10:06 PM
C13-C14	ND	50		ug/L	1	12/30/2021 10:06 PM
C15-C16	ND	50		ug/L	1	12/30/2021 10:06 PM
C17-C18	ND	50		ug/L	1	12/30/2021 10:06 PM
C19-C20	ND	50		ug/L	1	12/30/2021 10:06 PM
C21-C22	ND	50		ug/L	1	12/30/2021 10:06 PM
C23-C24	ND	50		ug/L	1	12/30/2021 10:06 PM
C25-C26	ND	50		ug/L	1	12/30/2021 10:06 PM
Oil Range Organics (C28-C40)	ND	50		ug/L	1	12/30/2021 10:06 PM
C29-C32	ND	50		ug/L	1	12/30/2021 10:06 PM
C33-C36	ND	50		ug/L	1	12/30/2021 10:06 PM
C37-C40	ND	50		ug/L	1	12/30/2021 10:06 PM
C41-C44	ND	50		ug/L	1	12/30/2021 10:06 PM
C8 as C8	ND	50		ug/L	1	12/30/2021 10:06 PM
Gas Range Organics (extractable) (C10)	ND	50		ug/L	1	12/30/2021 10:06 PM
C8-C44	ND	50		ug/L	1	12/30/2021 10:06 PM
C9-C10	ND	50		ug/L	1	12/30/2021 10:06 PM
Surr: p-Terphenyl	87.8	33-138		%REC	1	12/30/2021 10:06 PM

<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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**ANALYTICAL RESULTS**

Print Date: 03-Jan-22

<b>CLIENT:</b> Eurofins	<b>Client Sample ID:</b> 977247_202112280801_AIEA WELL
<b>Lab Order:</b> N048621	<b>Collection Date:</b> 12/27/2021 10:34:00 AM
<b>Project:</b>	<b>Matrix:</b> DRINKING WATER
<b>Lab ID:</b> N048621-003B	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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**GASOLINE RANGE ORGANICS BY GC/FID**

**EPA 8015B**

RunID: NV00922-GC4_211231A	QC Batch: E21WV120	PrepDate:	Analyst: DJ		
GRO	ND	0.050	mg/L	1	12/31/2021 05:09 PM
Surr: Chlorobenzene - d5	117	69-130	%REC	1	12/31/2021 05:09 PM

<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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Print Date: 03-Jan-22

<b>CLIENT:</b> Eurofins	<b>Client Sample ID:</b> 977247_202112280802_TB:AIEA WE
<b>Lab Order:</b> N048621	<b>Collection Date:</b> 12/27/2021 10:34:00 AM
<b>Project:</b>	<b>Matrix:</b> DRINKING WATER
<b>Lab ID:</b> N048621-004A	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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**GASOLINE RANGE ORGANICS BY GC/FID**

**EPA 8015B**

RunID: NV00922-GC4_211231A	QC Batch: E21WV120	PrepDate:	Analyst: DJ		
GRO	ND	0.050	mg/L	1	12/31/2021 05:40 PM
Surr: Chlorobenzene - d5	119	69-130	%REC	1	12/31/2021 05:40 PM

<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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**ANALYTICAL RESULTS**

Print Date: 03-Jan-22

<b>CLIENT:</b> Eurofins	<b>Client Sample ID:</b> 977247_202112280803_AIEA GULC
<b>Lab Order:</b> N048621	<b>Collection Date:</b> 12/26/2021 9:31:00 AM
<b>Project:</b>	<b>Matrix:</b> DRINKING WATER
<b>Lab ID:</b> N048621-005A	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>TPH CARBON CHAIN EPA 8015</b>						
	<b>EPA 3510C</b>		<b>EPA 8015B(M)</b>			
RunID: NV00922-GC3_211230B	QC Batch: 90910				PrepDate: 12/30/2021	Analyst: <b>MCC</b>
Diesel Range Organics (C10-C28)	ND	50		ug/L	1	12/30/2021 10:41 PM
C11-C12	ND	50		ug/L	1	12/30/2021 10:41 PM
C13-C14	ND	50		ug/L	1	12/30/2021 10:41 PM
C15-C16	ND	50		ug/L	1	12/30/2021 10:41 PM
C17-C18	ND	50		ug/L	1	12/30/2021 10:41 PM
C19-C20	ND	50		ug/L	1	12/30/2021 10:41 PM
C21-C22	ND	50		ug/L	1	12/30/2021 10:41 PM
C23-C24	ND	50		ug/L	1	12/30/2021 10:41 PM
C25-C26	ND	50		ug/L	1	12/30/2021 10:41 PM
Oil Range Organics (C28-C40)	ND	50		ug/L	1	12/30/2021 10:41 PM
C29-C32	ND	50		ug/L	1	12/30/2021 10:41 PM
C33-C36	ND	50		ug/L	1	12/30/2021 10:41 PM
C37-C40	ND	50		ug/L	1	12/30/2021 10:41 PM
C41-C44	ND	50		ug/L	1	12/30/2021 10:41 PM
C8 as C8	ND	50		ug/L	1	12/30/2021 10:41 PM
Gas Range Organics (extractable) (C10)	ND	50		ug/L	1	12/30/2021 10:41 PM
C8-C44	ND	50		ug/L	1	12/30/2021 10:41 PM
C9-C10	ND	50		ug/L	1	12/30/2021 10:41 PM
Surr: p-Terphenyl	85.7	33-138		%REC	1	12/30/2021 10:41 PM

<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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**ANALYTICAL RESULTS**

Print Date: 03-Jan-22

<b>CLIENT:</b> Eurofins	<b>Client Sample ID:</b> 977247_202112280803_AIEA GULC
<b>Lab Order:</b> N048621	<b>Collection Date:</b> 12/26/2021 9:31:00 AM
<b>Project:</b>	<b>Matrix:</b> DRINKING WATER
<b>Lab ID:</b> N048621-005B	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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**GASOLINE RANGE ORGANICS BY GC/FID**

**EPA 8015B**

RunID: NV00922-GC4_211231A	QC Batch: E21WV120	PrepDate:	Analyst: DJ		
GRO	ND	0.050	mg/L	1	12/31/2021 06:11 PM
Surr: Chlorobenzene - d5	117	69-130	%REC	1	12/31/2021 06:11 PM

<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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**ANALYTICAL RESULTS**

Print Date: 03-Jan-22

<b>CLIENT:</b> Eurofins	<b>Client Sample ID:</b> 977247_202112280804_TB:AIEA GU
<b>Lab Order:</b> N048621	<b>Collection Date:</b> 12/26/2021 9:31:00 AM
<b>Project:</b>	<b>Matrix:</b> DRINKING WATER
<b>Lab ID:</b> N048621-006A	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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**GASOLINE RANGE ORGANICS BY GC/FID**

**EPA 8015B**

RunID: NV00922-GC4_211231A	QC Batch: E21WV120	PrepDate:	Analyst: DJ		
GRO	ND	0.050	mg/L	1	12/31/2021 06:42 PM
Surr: Chlorobenzene - d5	117	69-130	%REC	1	12/31/2021 06:42 PM

<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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**ANALYTICAL RESULTS**

Print Date: 03-Jan-22

<b>CLIENT:</b> Eurofins	<b>Client Sample ID:</b> 977247_202112280805_AIEA GULC
<b>Lab Order:</b> N048621	<b>Collection Date:</b> 12/26/2021 9:37:00 AM
<b>Project:</b>	<b>Matrix:</b> DRINKING WATER
<b>Lab ID:</b> N048621-007A	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>TPH CARBON CHAIN EPA 8015</b>						
	<b>EPA 3510C</b>		<b>EPA 8015B(M)</b>			
RunID: NV00922-GC3_211230B	QC Batch: 90910				PrepDate: 12/30/2021	Analyst: MCC
Diesel Range Organics (C10-C28)	ND	50		ug/L	1	12/30/2021 11:17 PM
C11-C12	ND	50		ug/L	1	12/30/2021 11:17 PM
C13-C14	ND	50		ug/L	1	12/30/2021 11:17 PM
C15-C16	ND	50		ug/L	1	12/30/2021 11:17 PM
C17-C18	ND	50		ug/L	1	12/30/2021 11:17 PM
C19-C20	ND	50		ug/L	1	12/30/2021 11:17 PM
C21-C22	ND	50		ug/L	1	12/30/2021 11:17 PM
C23-C24	ND	50		ug/L	1	12/30/2021 11:17 PM
C25-C26	ND	50		ug/L	1	12/30/2021 11:17 PM
Oil Range Organics (C28-C40)	ND	50		ug/L	1	12/30/2021 11:17 PM
C29-C32	ND	50		ug/L	1	12/30/2021 11:17 PM
C33-C36	ND	50		ug/L	1	12/30/2021 11:17 PM
C37-C40	ND	50		ug/L	1	12/30/2021 11:17 PM
C41-C44	ND	50		ug/L	1	12/30/2021 11:17 PM
C8 as C8	ND	50		ug/L	1	12/30/2021 11:17 PM
Gas Range Organics (extractable) (C10)	ND	50		ug/L	1	12/30/2021 11:17 PM
C8-C44	ND	50		ug/L	1	12/30/2021 11:17 PM
C9-C10	ND	50		ug/L	1	12/30/2021 11:17 PM
Surr: p-Terphenyl	81.5	33-138		%REC	1	12/30/2021 11:17 PM

<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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Print Date: 03-Jan-22

<b>CLIENT:</b> Eurofins	<b>Client Sample ID:</b> 977247_202112280805_AIEA GULC
<b>Lab Order:</b> N048621	<b>Collection Date:</b> 12/26/2021 9:37:00 AM
<b>Project:</b>	<b>Matrix:</b> DRINKING WATER
<b>Lab ID:</b> N048621-007B	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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**GASOLINE RANGE ORGANICS BY GC/FID**

**EPA 8015B**

RunID: NV00922-GC4_211231A	QC Batch: E21WV120	PrepDate:	Analyst: DJ		
GRO	ND	0.050	mg/L	1	12/31/2021 07:12 PM
Surr: Chlorobenzene - d5	117	69-130	%REC	1	12/31/2021 07:12 PM

<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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Print Date: 03-Jan-22

<b>CLIENT:</b> Eurofins	<b>Client Sample ID:</b> 977247_202112280806_TB:AIEA GU
<b>Lab Order:</b> N048621	<b>Collection Date:</b> 12/26/2021 9:37:00 AM
<b>Project:</b>	<b>Matrix:</b> DRINKING WATER
<b>Lab ID:</b> N048621-008A	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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**GASOLINE RANGE ORGANICS BY GC/FID**

**EPA 8015B**

RunID: NV00922-GC4_211231A	QC Batch: E21WV120	PrepDate:	Analyst: DJ		
GRO	ND	0.050	mg/L	1	12/31/2021 07:43 PM
Surr: Chlorobenzene - d5	116	69-130	%REC	1	12/31/2021 07:43 PM

<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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**ANALYTICAL RESULTS**

Print Date: 03-Jan-22

<b>CLIENT:</b> Eurofins	<b>Client Sample ID:</b> 977247_202112280807_MOANALUA
<b>Lab Order:</b> N048621	<b>Collection Date:</b> 12/26/2021 8:27:00 AM
<b>Project:</b>	<b>Matrix:</b> DRINKING WATER
<b>Lab ID:</b> N048621-009A	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>TPH CARBON CHAIN EPA 8015</b>						
	<b>EPA 3510C</b>		<b>EPA 8015B(M)</b>			
RunID: NV00922-GC3_211230B	QC Batch: 90910				PrepDate: 12/30/2021	Analyst: MCC
Diesel Range Organics (C10-C28)	ND	50		ug/L	1	12/30/2021 11:52 PM
C11-C12	ND	50		ug/L	1	12/30/2021 11:52 PM
C13-C14	ND	50		ug/L	1	12/30/2021 11:52 PM
C15-C16	ND	50		ug/L	1	12/30/2021 11:52 PM
C17-C18	ND	50		ug/L	1	12/30/2021 11:52 PM
C19-C20	ND	50		ug/L	1	12/30/2021 11:52 PM
C21-C22	ND	50		ug/L	1	12/30/2021 11:52 PM
C23-C24	ND	50		ug/L	1	12/30/2021 11:52 PM
C25-C26	ND	50		ug/L	1	12/30/2021 11:52 PM
Oil Range Organics (C28-C40)	ND	50		ug/L	1	12/30/2021 11:52 PM
C29-C32	ND	50		ug/L	1	12/30/2021 11:52 PM
C33-C36	ND	50		ug/L	1	12/30/2021 11:52 PM
C37-C40	ND	50		ug/L	1	12/30/2021 11:52 PM
C41-C44	ND	50		ug/L	1	12/30/2021 11:52 PM
C8 as C8	ND	50		ug/L	1	12/30/2021 11:52 PM
Gas Range Organics (extractable) (C10)	ND	50		ug/L	1	12/30/2021 11:52 PM
C8-C44	ND	50		ug/L	1	12/30/2021 11:52 PM
C9-C10	ND	50		ug/L	1	12/30/2021 11:52 PM
Surr: p-Terphenyl	91.0	33-138		%REC	1	12/30/2021 11:52 PM

<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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**ASSET Laboratories**

**ANALYTICAL RESULTS**

Print Date: 03-Jan-22

<b>CLIENT:</b> Eurofins	<b>Client Sample ID:</b> 977247_202112280807_MOANALUA
<b>Lab Order:</b> N048621	<b>Collection Date:</b> 12/26/2021 8:27:00 AM
<b>Project:</b>	<b>Matrix:</b> DRINKING WATER
<b>Lab ID:</b> N048621-009B	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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**GASOLINE RANGE ORGANICS BY GC/FID**

**EPA 8015B**

RunID: NV00922-GC4_211231A	QC Batch: E21WV120	PrepDate:	Analyst: DJ		
GRO	ND	0.050	mg/L	1	12/31/2021 08:14 PM
Surr: Chlorobenzene - d5	118	69-130	%REC	1	12/31/2021 08:14 PM

<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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EPA ID CA01638

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**ANALYTICAL RESULTS**

Print Date: 03-Jan-22

<b>CLIENT:</b> Eurofins	<b>Client Sample ID:</b> 977247_202112280808_TB:MOANA
<b>Lab Order:</b> N048621	<b>Collection Date:</b> 12/26/2021 8:27:00 AM
<b>Project:</b>	<b>Matrix:</b> DRINKING WATER
<b>Lab ID:</b> N048621-010A	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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**GASOLINE RANGE ORGANICS BY GC/FID**

**EPA 8015B**

RunID: NV00922-GC4_211231A	QC Batch: E21WV120	PrepDate:	Analyst: DJ		
GRO	ND	0.050	mg/L	1	12/31/2021 08:45 PM
Surr: Chlorobenzene - d5	120	69-130	%REC	1	12/31/2021 08:45 PM

<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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**ANALYTICAL RESULTS**

Print Date: 03-Jan-22

<b>CLIENT:</b> Eurofins	<b>Client Sample ID:</b> 977247_202112280809_HALAWA S
<b>Lab Order:</b> N048621	<b>Collection Date:</b> 12/27/2021 9:28:00 AM
<b>Project:</b>	<b>Matrix:</b> DRINKING WATER
<b>Lab ID:</b> N048621-011A	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>TPH CARBON CHAIN EPA 8015</b>						
	<b>EPA 3510C</b>		<b>EPA 8015B(M)</b>			
RunID: NV00922-GC3_211230B	QC Batch: 90910				PrepDate: 12/30/2021	Analyst: MCC
Diesel Range Organics (C10-C28)	ND	50		ug/L	1	12/31/2021 12:28 AM
C11-C12	ND	50		ug/L	1	12/31/2021 12:28 AM
C13-C14	ND	50		ug/L	1	12/31/2021 12:28 AM
C15-C16	ND	50		ug/L	1	12/31/2021 12:28 AM
C17-C18	ND	50		ug/L	1	12/31/2021 12:28 AM
C19-C20	ND	50		ug/L	1	12/31/2021 12:28 AM
C21-C22	ND	50		ug/L	1	12/31/2021 12:28 AM
C23-C24	ND	50		ug/L	1	12/31/2021 12:28 AM
C25-C26	ND	50		ug/L	1	12/31/2021 12:28 AM
Oil Range Organics (C28-C40)	ND	50		ug/L	1	12/31/2021 12:28 AM
C29-C32	ND	50		ug/L	1	12/31/2021 12:28 AM
C33-C36	ND	50		ug/L	1	12/31/2021 12:28 AM
C37-C40	ND	50		ug/L	1	12/31/2021 12:28 AM
C41-C44	ND	50		ug/L	1	12/31/2021 12:28 AM
C8 as C8	ND	50		ug/L	1	12/31/2021 12:28 AM
Gas Range Organics (extractable) (C10)	ND	50		ug/L	1	12/31/2021 12:28 AM
C8-C44	ND	50		ug/L	1	12/31/2021 12:28 AM
C9-C10	ND	50		ug/L	1	12/31/2021 12:28 AM
Surr: p-Terphenyl	88.9	33-138		%REC	1	12/31/2021 12:28 AM

<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



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**ASSET Laboratories**

**ANALYTICAL RESULTS**

Print Date: 03-Jan-22

<b>CLIENT:</b>	Eurofins	<b>Client Sample ID:</b>	977247_202112280809_HALAWA S
<b>Lab Order:</b>	N048621	<b>Collection Date:</b>	12/27/2021 9:28:00 AM
<b>Project:</b>		<b>Matrix:</b>	DRINKING WATER
<b>Lab ID:</b>	N048621-011B		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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**GASOLINE RANGE ORGANICS BY GC/FID**

**EPA 8015B**

RunID: NV00922-GC4_211231A	QC Batch: E21WV120	PrepDate:	Analyst: DJ		
GRO	ND	0.050	mg/L	1	12/31/2021 09:15 PM
Surr: Chlorobenzene - d5	118	69-130	%REC	1	12/31/2021 09:15 PM

<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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**ANALYTICAL RESULTS**

Print Date: 03-Jan-22

<b>CLIENT:</b>	Eurofins	<b>Client Sample ID:</b>	977247_202112280810_TB:HALAW
<b>Lab Order:</b>	N048621	<b>Collection Date:</b>	12/27/2021 9:28:00 AM
<b>Project:</b>		<b>Matrix:</b>	DRINKING WATER
<b>Lab ID:</b>	N048621-012A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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**GASOLINE RANGE ORGANICS BY GC/FID**

**EPA 8015B**

RunID: NV00922-GC4_211231A	QC Batch: E21WV120	PrepDate:	Analyst: DJ		
GRO	ND	0.050	mg/L	1	12/31/2021 09:46 PM
Surr: Chlorobenzene - d5	118	69-130	%REC	1	12/31/2021 09:46 PM

<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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**CLIENT:** Eurofins  
**Work Order:** N048621  
**Project:** **ANALYTICAL QC SUMMARY REPORT**  
**TestCode:** 8015DM\_W\_CC

Sample ID: **MB-90910** Samp Type: **MBLK** TestCode: **8015DM\_W\_C** Units: **ug/L** Prep Date: **12/30/2021** RunNo: **159279**  
 Client ID: **PBW** Batch ID: **90910** TestNo: **EPA 8015B(M EPA 3510C)** Analysis Date: **12/30/2021** SeqNo: **4486672**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (C10-C28)	ND	50									
C11-C12	ND	50									
C13-C14	ND	50									
C15-C16	ND	50									
C17-C18	ND	50									
C19-C20	ND	50									
C21-C22	ND	50									
C23-C24	ND	50									
C25-C26	ND	50									
Oil Range Organics (C28-C40)	ND	50									
C29-C32	ND	50									
C33-C36	ND	50									
C37-C40	ND	50									
C41-C44	ND	50									
C8 as C8	ND	50									
Gas Range Organics (extractable) (C8-C	ND	50									
C8-C44	ND	50									
C9-C10	ND	50									
Surr: p-Terphenyl	66.308		80.00		82.9	33	138				

Sample ID: **LCS-90910** Samp Type: **LCS** TestCode: **8015DM\_W\_C** Units: **ug/L** Prep Date: **12/30/2021** RunNo: **159279**  
 Client ID: **LCSW** Batch ID: **90910** TestNo: **EPA 8015B(M EPA 3510C)** Analysis Date: **12/30/2021** SeqNo: **4486673**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (C10-C28)	660.988	50	1000	0	66.1	48	120				
Surr: p-Terphenyl	68.785		80.00		86.0	33	138				

**Qualifiers:**  
 B Analyte detected in the associated Method Blank  
 ND Not Detected at the Reporting Limit  
 DO Surrogate Diluted Out  
 E Value above quantitation range  
 R RPD outside accepted recovery limits  
 Calculations are based on raw values  
 H Holding times for preparation or analysis exceeded  
 S Spike/Surrogate outside of limits due to matrix interference



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 EPA ID:CA01638 ORELAP/NELAP Cert 4046

# ANALYTICAL QC SUMMARY REPORT

TestCode: 8015DM\_W\_CC

CLIENT: Eurofins  
 Work Order: N048621

Project:

Sample ID: LCSD-90910	Samp Type: LCSD	TestCode: 8015DM_W_C	Units: ug/L	Prep Date: 12/30/2021	RunNo: 159279						
Client ID: LCSS02	Batch ID: 90910	TestNo: EPA 8015B(M)	EPA 3510C	Analysis Date: 12/30/2021	SeqNo: 4486762						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (C10-C28)	692.469	50	1000	0	69.2	48	120	661.0	4.65	20	
Surr: p-Terphenyl	69.110		80.00		86.4	33	138		0	0	

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



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# ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GAS\_WP

CLIENT: Eurofins  
 Work Order: N048621  
 Project:

Sample ID: E211231LCS	SampType: LCS	TestCode: 8015GAS_WP	Units: mg/L	Prep Date: 159302
Client ID: LCSW	Batch ID: E21WV120	TestNo: EPA 8015B		Analysis Date: 12/31/2021
Analyte	Result	PQL	SPK value	SPK Ref Val
		%REC	LowLimit	HighLimit
		%RPD	RPD Ref Val	RPDLimit
		Qual		

GRO	1.141	0.050	1.000	0	114	69	143
Surr: Chlorobenzene - d5	51.688		50.00		103	69	130

Sample ID: E211231MB	SampType: MBLK	TestCode: 8015GAS_WP	Units: mg/L	Prep Date: 159302
Client ID: PBW	Batch ID: E21WV120	TestNo: EPA 8015B		Analysis Date: 12/31/2021
Analyte	Result	PQL	SPK value	SPK Ref Val
		%REC	LowLimit	HighLimit
		%RPD	RPD Ref Val	RPDLimit
		Qual		

GRO	ND	0.050			107	69	130
Surr: Chlorobenzene - d5	53.416		50.00				

Sample ID: N048622-001BMS	SampType: MS	TestCode: 8015GAS_WP	Units: mg/L	Prep Date: 159302
Client ID: ZZZZZZ	Batch ID: E21WV120	TestNo: EPA 8015B		Analysis Date: 12/31/2021
Analyte	Result	PQL	SPK value	SPK Ref Val
		%REC	LowLimit	HighLimit
		%RPD	RPD Ref Val	RPDLimit
		Qual		

GRO	1.049	0.050	1.000	0	105	49	156
Surr: Chlorobenzene - d5	56.026		50.00		112	69	130

Sample ID: N048622-001BMSD	SampType: MSD	TestCode: 8015GAS_WP	Units: mg/L	Prep Date: 159302
Client ID: ZZZZZZ	Batch ID: E21WV120	TestNo: EPA 8015B		Analysis Date: 12/31/2021
Analyte	Result	PQL	SPK value	SPK Ref Val
		%REC	LowLimit	HighLimit
		%RPD	RPD Ref Val	RPDLimit
		Qual		

GRO	1.242	0.050	1.000	0	124	49	156
Surr: Chlorobenzene - d5	56.865		50.00		114	69	130

**Qualifiers:**

B Analyte detected in the associated Method Blank  
 ND Not Detected at the Reporting Limit  
 DO Surrogate Diluted Out

E Value above quantitation range  
 R RPD outside accepted recovery limits  
 Calculations are based on raw values

H Holding times for preparation or analysis exceeded  
 S Spike/Surrogate outside of limits due to matrix interference



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Eaton Analytical

Ship To:  
Asset Laboratories  
3151 W. Post Road  
Las Vegas, NV 89118

Phone: 562-219-7435 Fax: 562-219-7436

Folder #: 977247 Report Due: 12/30/2021

Sample ID: 202112280799 Client Sample ID for reference on: HALAWA WELLS P2 (331-024-WL064)

Sample type: SW 8015B  
Method: EPA 5030C  
Prep Method: EPA 5030C  
Analysis Requested: 8015 C8-C44 (SUB)Gas Fraction Hydrocarbons

Sample ID: 202112280800 Client Sample ID for reference on: TB: HALAWA WELLS P2 (331-024-WL064)

Sample type: SW 8015B  
Method: EPA 5030C  
Prep Method: EPA 5030C  
Analysis Requested: (SUB)Gas Fraction Hydrocarbons

Sample ID: 202112280801 Client Sample ID for reference on: AIEA WELLS P2 (260)-331-004-WL103

Sample type: SW 8015B  
Method: EPA 5030C  
Prep Method: EPA 5030C  
Analysis Requested: 8015 C8-C44 (SUB)Gas Fraction Hydrocarbons

Relinquished by: *[Signature]* Date: 12-29-21 Time: 1146  
Received by: *[Signature]* Date: 12/30/21 Time: 0950  
Relinquished by: Sample Control  
Received by: *[Signature]* Date: \_\_\_\_\_ Time: \_\_\_\_\_

Date: 12/29/2021

Submittal Form

\*REPORTING REQUIREMENTS: Do Not Combine Reports with any other samples submitted under different Folder Numbers/ Report & Invoice must have the Folder # 977247 Job # 1000014

Report all quality control data according to Method. Include dates analyzed. Date extracted (if extracted) and Method reference on the report. Results must have Complete data & QC with Approval Signature.

Reports: Jackie Contreras Sub-Contracting Administrator  
EMAIL TO: Eaton-MonroviaSubContract@eurofins.com  
Eurofins Eaton Analytical, LLC 750 Royal Oaks Drive, Suite 100, Monrovia, CA 91016  
Phone (626) 386-1165 Fax (626) 386-1122  
Invoices to: Eurofins Eaton Analytical, LLC  
Accounts Payable 2425 New Holland Pike, Lancaster, PA 17605

Provide in each Report the Specified State Certification # and Exp Date for requested tests + matrix  
Samples from: HAWAII

Rush order - 1 day TAT  
Report the GRO only from the volatile test for 8015 gas

Report only the DRO and MRO from the extractable 8015., don't report the individual Carbons

Sample ID	Sample Date & Time	Matrix	Clip Code	PWSID	JLS
202112280799	12/27/21	0956 DW			
Sample type:	Sample Event:	Facility ID:	Sample Point ID:	Static ID:	

Method: EPA 8015  
SW 8015B  
EPA 5030C  
Analysis Requested: 8015 C8-C44 (SUB)Gas Fraction Hydrocarbons  
N048621-01

Sample ID	Sample Date & Time	Matrix	Clip Code	PWSID	JLS
202112280800	12/27/21	0956 DW			
Sample type:	Sample Event:	Facility ID:	Sample Point ID:	Static ID:	

Method: SW 8015B  
EPA 5030C  
Analysis Requested: (SUB)Gas Fraction Hydrocarbons  
-02

Sample ID	Sample Date & Time	Matrix	Clip Code	PWSID	JLS
202112280801	12/27/21	1034 DW			
Sample type:	Sample Event:	Facility ID:	Sample Point ID:	Static ID:	

Method: EPA 8015  
SW 8015B  
EPA 5030C  
Analysis Requested: 8015 C8-C44 (SUB)Gas Fraction Hydrocarbons  
-03

NOTIFICATION REQUIRED IF RECEIVED OUTSIDE OF 0-6 CELSIUS

An Acknowledgement of Receipt is requested to attain Jackie Contreras

1.3°C / 4.1°C 10#3  
Folder # 1258/1247

**Sample ID** 202112280802 **Client Sample ID for reference onl** **PWSID** **JLS**  
 TB:AIEA WELLS P2 (260)-331-004-WL103 **Sample Date & Time Matrix** **Clip Code**  
 12/27/21 1034 DW **Sample Point ID:** **Static ID:**

**Sample type:** **Sample Event:** **Facility ID:** **Static ID:**  
 EPA 5030C (SUB)Gas Fraction Hydrocarbons N048621-04

**Method** **Prep Method** **Analysis Requested**  
 SW 8015B EPA 5030C (SUB)Gas Fraction Hydrocarbons

**Sample ID** 202112280803 **Client Sample ID for reference onl** **PWSID** **JLS**  
 AIEA GULCH WELLS P1 (331-201-TP071) **Sample Date & Time Matrix** **Clip Code**  
 12/26/21 0931 DW **Sample Point ID:** **Static ID:**

**Sample type:** **Sample Event:** **Facility ID:** **Static ID:**  
 EPA 5030C (SUB)Gas Fraction Hydrocarbons -05

**Method** **Prep Method** **Analysis Requested**  
 EPA 8015 EPA 5030C (SUB)Gas Fraction Hydrocarbons

**Sample ID** 202112280804 **Client Sample ID for reference onl** **PWSID** **JLS**  
 TB:AIEA GULCH WELLS P1 (331-201-TP071) **Sample Date & Time Matrix** **Clip Code**  
 12/26/21 0931 DW **Sample Point ID:** **Static ID:**

**Sample type:** **Sample Event:** **Facility ID:** **Static ID:**  
 EPA 5030C (SUB)Gas Fraction Hydrocarbons -06

**Method** **Prep Method** **Analysis Requested**  
 SW 8015B EPA 5030C (SUB)Gas Fraction Hydrocarbons

**Sample ID** 202112280805 **Client Sample ID for reference onl** **PWSID** **JLS**  
 AIEA GULCH WELLS P2 (331-202-TP072) **Sample Date & Time Matrix** **Clip Code**  
 12/26/21 0937 DW **Sample Point ID:** **Static ID:**

**Sample type:** **Sample Event:** **Facility ID:** **Static ID:**  
 EPA 5030C (SUB)Gas Fraction Hydrocarbons -07

**Method** **Prep Method** **Analysis Requested**  
 SW 8015B EPA 5030C (SUB)Gas Fraction Hydrocarbons

**Sample ID** 202112280806 **Client Sample ID for reference onl** **PWSID** **JLS**  
 TB:AIEA GULCH WELLS P2 (331-202-TP072) **Sample Date & Time Matrix** **Clip Code**  
 12/26/21 0937 DW **Sample Point ID:** **Static ID:**

**Sample type:** **Sample Event:** **Facility ID:** **Static ID:**  
 EPA 5030C (SUB)Gas Fraction Hydrocarbons -08

Relinquished by: Christina Cortez Date 12-29-21 Time 1146  
 Received by: Gielle Garcia Date 12/30/21 Time 0950  
 Relinquished by: \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_  
 Received by: \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

NOTIFICATION REQUIRED IF RECEIVED OUTSIDE OF 0-6 CELSIUS  
 An Acknowledgement of Receipt is requested to attn: Jackie Contreras

1.3°C / 4.1°C 1043  
 Field # 1258 / 1247

**Sample ID** 202112280807 **Client Sample ID for reference onl** MOANALUA WELLS (331-223-TP202) **Sample Date & Time Matrix** 12/26/21 0827 DW **Clip Code** PWSID **JLS**  
**Sample type:** Sample Event: Facility ID: Sample Point ID: Static ID:

**Method** EPA 8015 **Prep Method** EPA 5030C **Analysis Requested** 8015 C8-C44 (SUB)Gas Fraction Hydrocarbons **Static ID:** N048621-09

**Sample ID** 202112280808 **Client Sample ID for reference onl** TB:MOANALUA WELLS (331-223-TP202) **Sample Date & Time Matrix** 12/26/21 0827 DW **Clip Code** PWSID **JLS**  
**Sample type:** Sample Event: Facility ID: Sample Point ID: Static ID:

**Method** SW 8015B **Prep Method** EPA 5030C **Analysis Requested** (SUB)Gas Fraction Hydrocarbons **Static ID:** -10

**Sample ID** 202112280809 **Client Sample ID for reference onl** HALAWA SHAFT-331-241-TP401 **Sample Date & Time Matrix** 12/27/21 0928 DW **Clip Code** PWSID **JLS**  
**Sample type:** Sample Event: Facility ID: Sample Point ID: Static ID:

**Method** EPA 8015 **Prep Method** EPA 5030C **Analysis Requested** 8015 C8-C44 (SUB)Gas Fraction Hydrocarbons **Static ID:** -11

**Sample ID** 202112280810 **Client Sample ID for reference onl** TB:HALAWA SHAFT-331-241-TP401 **Sample Date & Time Matrix** 12/27/21 0928 DW **Clip Code** PWSID **JLS**  
**Sample type:** Sample Event: Facility ID: Sample Point ID: Static ID:

**Method** SW 8015B **Prep Method** EPA 5030C **Analysis Requested** (SUB)Gas Fraction Hydrocarbons **Static ID:** -12

Relinquished by: *Ch. Sample Control* Date: 12-29-21 Time: 1146  
 Received by: *Giavella Janus* Date: 12/30/21 Time: 0950  
 Relinquished by: *Sample Control* Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

NOTIFICATION REQUIRED IF RECEIVED OUTSIDE OF 0-6 CELSIUS  
 An Acknowledgement of Receipt is requested to attn: Jackie Contreras  
 1.3°C / 4.1°C 12#3  
 FID# 1258/1247

# ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 12/30/2021 Workorder: N048621  
 Rep sample Temp (Deg C): 1.3/4.1 IR Gun ID: 3  
 Temp Blank:  Yes  No  
 Carrier name: FedEx  
 Last 4 digits of Tracking No.: 1258/1247 Packing Material Used: Bubble Wrap  
 Cooling process:  Ice  Ice Pack  Dry Ice  Other  None

## Sample Receipt Checklist

- |   |  |  |  |
|---|--|--|--|
| 1. Shipping container/cooler in good condition?   | Yes <input checked="" type="checkbox"/>  | No <input type="checkbox"/>                                | Not Present <input type="checkbox"/>                       |
| 2. Custody seals intact, signed, dated on shipping container/cooler?                    | Yes <input type="checkbox"/>   | No <input type="checkbox"/>                                | Not Present <input checked="" type="checkbox"/>            |
| 3. Custody seals intact on sample bottles?  | Yes <input type="checkbox"/>   | No <input type="checkbox"/>                                | Not Present <input checked="" type="checkbox"/>            |
| 4. Chain of custody present?  | Yes <input checked="" type="checkbox"/>  | No <input type="checkbox"/>                                |  |
| 5. Sampler's name present in COC?   | Yes <input type="checkbox"/>   | No <input checked="" type="checkbox"/>                     |  |
| 6. Chain of custody signed when relinquished and received?                              | Yes <input checked="" type="checkbox"/>  | No <input type="checkbox"/>                                |  |
| 7. Chain of custody agrees with sample labels?  | Yes <input checked="" type="checkbox"/>  | No <input type="checkbox"/>                                |  |
| 8. Samples in proper container/bottle?  | Yes <input checked="" type="checkbox"/>  | No <input type="checkbox"/>                                |  |
| 9. Sample containers intact?  | Yes <input checked="" type="checkbox"/>  | No <input type="checkbox"/>                                |  |
| 10. Sufficient sample volume for indicated test?  | Yes <input checked="" type="checkbox"/>  | No <input type="checkbox"/>                                |  |
| 11. All samples received within holding time?   | Yes <input checked="" type="checkbox"/>  | No <input type="checkbox"/>                                |  |
| 12. Temperature of rep sample or Temp Blank within acceptable limit?                    | Yes <input checked="" type="checkbox"/>  | No <input type="checkbox"/>                                | NA <input type="checkbox"/>                                |
| 13. Water - VOA vials have zero headspace?  | Yes <input checked="" type="checkbox"/>  | No <input type="checkbox"/>                                | NA <input type="checkbox"/>                                |
| 14. Water - pH acceptable upon receipt?<br>Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/>   | No <input type="checkbox"/>                                | NA <input checked="" type="checkbox"/>                     |
| 15. Did the bottle labels indicate correct preservatives used?                          | Yes <input checked="" type="checkbox"/>  | No <input type="checkbox"/>                                | NA <input type="checkbox"/>                                |
| 16. Were there Non-Conformance issues at login?<br>Was Client notified?                 | Yes <input checked="" type="checkbox"/><br>Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/><br>No <input type="checkbox"/> | NA <input type="checkbox"/><br>NA <input type="checkbox"/> |

Comments: Received one VOA per sample to analyze TPH-Gas. Limited volumen but enough to perform the test. See Correspondence.

Checklist Completed By: GGJ *GGarcia* 12/30/2021

Reviewed By:  1/3/2022



# ASSET Laboratories

## WORK ORDER Summary

03-Jan-22

WorkOrder: N048621

Client ID: EUROF01

Project: QC Level: RTNE

Date Received: 12/30/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N048621-001A	977247_202112280799_HAL AWA WET I S D7 /231 /021 W	12/27/2021 9:56:00 AM	1/3/2022	Drinking Water	EPA 3510C	SEPARATORY FUNNEL EXTRACTION: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N048621-001B			1/3/2022		EPA 8015B(M)	TPH Carbon Chain EPA 8015	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N048621-002A	977247_202112280800_TB: HAT AWA WET I S D7 /231 A	12/27/2021 10:34:00 AM	1/3/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N048621-003A	977247_202112280801_AIE A WET I S D7 /260 /331_001	12/27/2021 9:31:00 AM	1/3/2022		EPA 3510C	SEPARATORY FUNNEL EXTRACTION: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N048621-003B			1/3/2022		EPA 8015B(M)	TPH Carbon Chain EPA 8015	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N048621-004A	977247_202112280802_TB: AIE A WET I S D7 /260 /331 A	12/27/2021 9:31:00 AM	1/3/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N048621-005A	977247_202112280803_AIE A CIT CH WET I S D1 /231 A	12/26/2021 9:31:00 AM	1/3/2022		EPA 3510C	SEPARATORY FUNNEL EXTRACTION: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N048621-005B			1/3/2022		EPA 8015B(M)	TPH Carbon Chain EPA 8015	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N048621-006A	977247_202112280804_TB: AIE A CIT CH WET I S D1 /23	12/26/2021 9:37:00 AM	1/3/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N048621-007A	977247_202112280805_AIE A CIT CH WET I S D7 /231 A	12/26/2021 9:37:00 AM	1/3/2022		EPA 3510C	SEPARATORY FUNNEL EXTRACTION: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N048621-007B			1/3/2022		EPA 8015B(M)	TPH Carbon Chain EPA 8015	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N048621-008A	977247_202112280806_TB: AIE A CIT CH WET I S D7 /23	12/26/2021 8:27:00 AM	1/3/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N048621-009A	977247_202112280807_MO ANALITA WET I S /231 /23	12/26/2021 8:27:00 AM	1/3/2022		EPA 3510C	SEPARATORY FUNNEL EXTRACTION: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N048621-009B			1/3/2022		EPA 8015B(M)	TPH Carbon Chain EPA 8015	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW

# ASSET Laboratories

## WORK ORDER Summary

03-Jan-22

WorkOrder: N048621

Client ID: EUROF01

Project: QC Level: RTNE

Date Received: 12/30/2021

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N048621-009B	977247_202112280807_MO ANALYTICAL WFTS /321 222	12/26/2021 8:27:00 AM	1/3/2022	Drinking Water	EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N048621-010A	977247_202112280808_TB; MOANALYTICAL WFTS /331L2		1/3/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N048621-011A	977247_202112280809_HAL AWA CHAET 221 241 TD/01	12/27/2021 9:28:00 AM	1/3/2022		EPA 3510C	SEPARATORY FUNNEL EXTRACTION: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N048621-011B			1/3/2022		EPA 8015B(M)	TPH Carbon Chain EPA 8015	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N048621-012A	977247_202112280810_TB; HAL AWA CHAET 221 241 T		1/3/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N048621-013A	FOLDER	1/3/2022	1/3/2022		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			1/3/2022		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

ORIGIN ID: NHPA (626) 386-1100  
 MANUEL A. VASQUEZ  
 EUROFINS EATON ANALYTICAL  
 750 ROYAL OAKS DR SUITE 100

MONROVIA, CA 91016  
 UNITED STATES US

SHIP DATE: 29DEC21  
 ACTWGT: 60.80 LB  
 CAD: 0894108/CAFE3506  
 DIMS: 24x14x14 IN

BILL SENDER

TO

**ASSLET LABORATORIES**  
**3151 W. POST RD.**

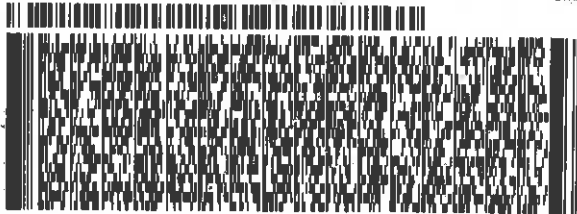
**LAS VEGAS NV 89118**

(702) 307-2669  
 DEPT: SUBOUTS/LOG-IN

PO: 06

J21102017110101

RT **449**  
 FZ  
 1  
 11:30  
**C**  
 1258  
 12.30



**FedEx**  
 Express



2 of 2

MPS# **5491 4032 1258**

Mstr# **5491 4032 1247**

0201

**THU - 30 DEC 11:30A**  
**PRIORITY OVERNIGHT**

**96 LASA**

**89118**  
 NV-US LAS

Part # 186697-434 RRDB EXP



1.3°C 10#3

0950

ORIGIN ID: WHPA (626) 386-1100  
MANUEL A. VASQUEZ  
EUROFINS EATON ANALYTICAL  
750 ROYAL OAKS DR SUITE 100

MONROVIA, CA 91016  
UNITED STATES US

SHIP DATE:  
ACTWGT:  
CAD:  
DIM:

RT  
449

11:30  
12:47  
12:30  
C

TO

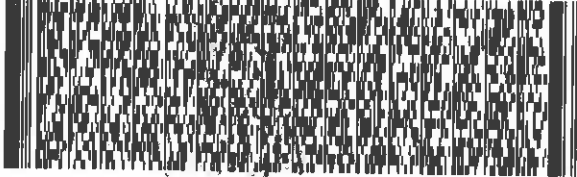
ASSLET LABORATORIES  
3151 W. POST RD.

LAS VEGAS NV 89118

(702) 307-2668

PO: CB

DEPT: SUBOUTS/LOG-IN



FedEx  
Express



1 of 2

TRK# 5491 4032 1247  
0201

## MASTER ##

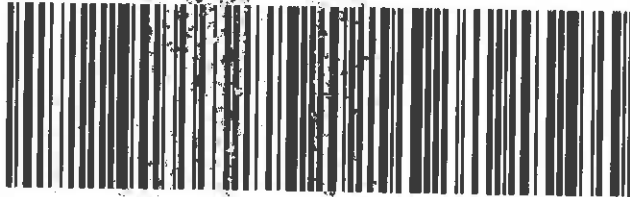
96 LASA

THU - 30 DEC 11:30A  
PRIORITY OVERNIGHT

89118

NV-US LAS

Part # 166697-434 RFD8 EXP



4.22 110#3