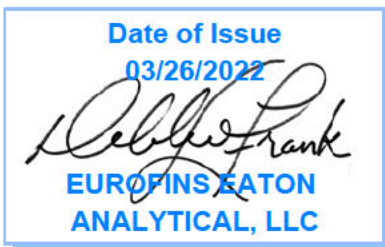


750 Royal Oaks Drive, Suite 100  
Monrovia, California 91016-3629  
Tel: (626) 386-1100  
Fax: (866) 988-3757  
1 800 566 LABS (1 800 566 5227)

## 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



Utah ELCP CA00006

DEB: Debbie L Frank  
Project Manager

Report: 993836  
Project: SPECIAL  
Group: RESIDENTIAL TPH TESTING

\* 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 17025:2017 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
<i>Escherichia coli</i> (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
<i>Pseudomonas aeruginosa</i>	Idexx Pseudalert	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 Disinfect ion Byproducts	EPA 317.0	x	
Acrylamide	+ LCMS 2440)	x		Perchlorate	EPA 331.0	x	
Algal Toxins/Microcys in	+ 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 #: 993836  
 Project: SPECIAL  
 Sample Group: RESIDENTIAL TPH TESTING

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

The following samples were received from you on **March 18, 2022 at 0935**. 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>202203180353</u>	[REDACTED] Kaikukuma St tatic ID KeAina (SUB)Gas Fraction Hydrocarbons      TPH 8015 Diesel and Motor Oil	03/17/2022 0930
<u>202203180354</u>	[REDACTED] Kaikukuma St (SUB)Gas Fraction Hydrocarbons	03/17/2022 0930
<u>202203180360</u>	Kaikukuma St (SUB)Gas Fraction Hydrocarbons      TPH 8015 Diesel and Motor Oil	03/17/2022 0955
<u>202203180361</u>	Kaikukuma St (SUB)Gas Fraction Hydrocarbons	03/17/2022 0955
<u>202203260063</u>	RUSH RUSH	03/17/2022 09:55

#### Test Description

EUROF01 C: 3/22/2022 12:00 AM  
 FOLDER R: 3/18/2022  
 N049891-005A 1 of 1

# CHAIN OF CUSTODY RECORD

EUROFINS EATON ANALYTICAL USE ONLY:

**LOGIN COMMENTS:** \_\_\_\_\_

**SAMPLES CHECKED AGAINST COC BY:** \_\_\_\_\_

**SAMPLES LOGGED IN BY:** \_\_\_\_\_

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

**SAMPLE TEMP RECEIVED AT:** ASSET LABS 210 1R#3  
 Colton / No. California / Arizona °C (Compliance: 4 ± 2 °C)  
 Monrovia °C (Compliance: 4 ± 2 °C)

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

**METHOD OF SHIPMENT:** Pick-Up / Walk-In / FedEx / UPS / DHL / Area Fast / Top Line / Other: FedEx 4190

993836  
 b6am031822



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

**TO BE COMPLETED BY SAMPLER:** \_\_\_\_\_ (check for yes)

**COMPLIANCE SAMPLES**  **NON-COMPLIANCE SAMPLES**  **REGULATION INVOLVED:** \_\_\_\_\_ (eg. SDWA, Phase V, NPDES, FDA, ...)

**PROJECT CODE:** Special

**SAMPLE GROUP:** RESIDENTIAL TPH TESTING

**EEA CLIENT CODE:** \_\_\_\_\_ **COC ID:** \_\_\_\_\_

**COMPANY/AGENCY NAME:** BWS HONOLULU

**CLIENT LAB ID:** \_\_\_\_\_

**SAMPLE ID:** \_\_\_\_\_

**SAMPLE TIME:** \_\_\_\_\_

**TAT requested:** rush by adv notice only

**FIELD DATA:** \_\_\_\_\_

**MATRIX:** CFW

**ASSET Labs:** \_\_\_\_\_

**TPH 8015:** 3 4 2

**Motor Oil C:** 3 4 2

**8015 Gac C:** 3 4 2

**8015 Gac C TB:** 3 4 2

**EA-Monrovia:** \_\_\_\_\_

**VOASDWA C:** \_\_\_\_\_

**VOASDWA TB:** \_\_\_\_\_

**EFGS:** \_\_\_\_\_

**8270ES<sub>m</sub> WA C:** \_\_\_\_\_

**8270E TWA C (BN:** \_\_\_\_\_

**BCEFT<sub>m</sub>:** \_\_\_\_\_

**list ANALYSES REQUIRED (enter number of bottles sent for each test for each sample):** \_\_\_\_\_

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

**TEMPERATURE:** \_\_\_\_\_ °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

**PRINT NAME:** Derek Dotson

**SIGNATURE:** \_\_\_\_\_

**DATE:** 3-17-2022

**TIME:** 1200

**COMPANY/TITLE:** Honoluli Board of Water Supply

**ASSET LABS**

**DATE:** 3/10/22

**TIME:** 0935

**SAMPLED BY:** \_\_\_\_\_

**RELINQUISHED BY:** \_\_\_\_\_

**RECEIVED BY:** \_\_\_\_\_

**RECEIVED BY:** \_\_\_\_\_

PAGE 1 OF 1

ORIGIN ID: HKA  
BWS CHEMLAB

SHIP DATE: 17MAR22  
ACTWG: 60.00 LB  
CAD: 100205418/NET4460

630 S. BERETANIA ST.

HONOLULU, HI 96843  
UNITED STATES US

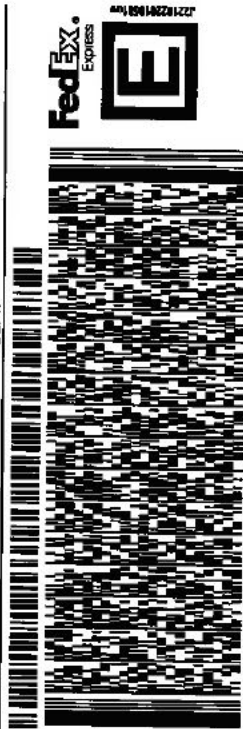
BILL RECIPIENT

TO **SAMPLE CONTROL MARLON CARTIN**  
**ASSET LABORATORIES**  
**3151 WEST POST ROAD**

560J5/E802FE4A

**LAS VEGAS NV 89118**  
(702) 307-2659 REF.  
INV. PO.

DEPT:



**FRI - 18 MAR 10:30A**  
**PRIORITY OVERNIGHT**

TRK# **7763 3103 4180**

**89118**  
NV-US **LAS**

**WR LASA**



**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.

**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.

EUROF01 C: 3/22/2022 12:00 AM  
 FOLDER R: 3/18/2022  
 N049891-005A 1 of 1

# CHAIN OF CUSTODY RECORD

EUROFINS EATON ANALYTICAL USE ONLY:

**LOGIN COMMENTS:** \_\_\_\_\_

**SAMPLES CHECKED AGAINST COC BY:** \_\_\_\_\_

**SAMPLES LOGGED IN BY:** \_\_\_\_\_

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

**SAMPLE TEMP RECEIVED AT:** ASSET LABS 210 1R#3  
 Colton / No. California / Arizona °C (Compliance: 4 ± 2 °C)  
 Monrovia °C (Compliance: 4 ± 2 °C)

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

**METHOD OF SHIPMENT:** Pick-Up / Walk-In / FedEx / UPS / DHL / Area Fast / Top Line / Other: FedEx 4190

**TO BE COMPLETED BY SAMPLER:** (check for yes)

**COMPLIANCE SAMPLES**  - Requires state forms

**NON-COMPLIANCE SAMPLES**  **REGULATION INVOLVED:** \_\_\_\_\_  
 (eg. SDWA, Phase V, NPDES, FDA, ...)

**PROJECT CODE:** Special

**SAMPLE GROUP:** RESIDENTIAL TPH TESTING

**EEA CLIENT CODE:** \_\_\_\_\_ **COC ID:** \_\_\_\_\_

**COMPANY/AGENCY NAME:** BWS HONOLULU

**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	ASSET Labs	TPH 8015	Diesel and Motor Oil C	8015 Gac C	8015 Gac C TB	EA-Monrovia	VOASDWA C	VOASDWA TB	EFGS	8270ES <sub>m</sub> WA C	8270E TWA C (BN: BCFE)	SAMPLER COMMENTS
3-17-2022	0930	91-1062 Kaikukuma St		CFW				3	4	2								
3-17-2022	0955	91-1112 Kaikukuma St		CFW				3	4	2								

**8015 Direct Shipped for 3d TAT to:**  
 ASSET Laboratories  
 3151 W Post Road  
 Las Vegas, NV 89118  
 Attn: Sample Control / Marlon Carlin  
 702 307 2659

**8270 Direct Shipped for 3d TAT to:**  
 Eurofins Frontier Global Sciences, LLC  
 5765 8th St E  
 Tacoma WA, 98424  
 Attn: Sample Receiving / Elaine Walker  
 +1 253-248-4872

Bill and Report to EEA-Monrovia  
 Eaton - Monrovia Sub Contract <Eaton-MonroviaSubContract@eurofinsnet.com>

**\* 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**

SAMPLED BY:	RELINQUISHED BY:	RECEIVED BY:	RECEIVED BY:	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
					Derek Dotson	Honolulu Board of Water Supply	3-17-2022	1200
					Derek Dotson	Honolulu Board of Water Supply	3-17-2022	1200
						ASSET LABS	3/10/22	0935

PAGE 1 OF 1

993836  
 b6am031822  
 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)

ORIGIN ID: HKA  
BWS CHEMLAB  
630 S. BERETANIA ST.  
HONOLULU, HI 96843  
UNITED STATES US

SHIP DATE: 17MAR22  
ACTWG: 60.00 LB  
CAD: 100205418/NET4460

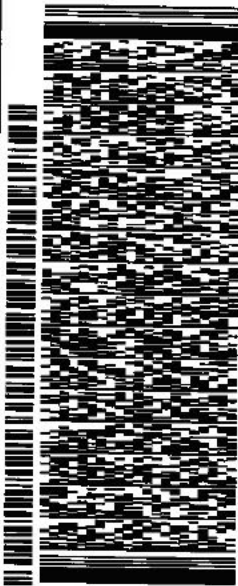
BILL RECIPIENT

TO  
**SAMPLE CONTROL MARLON CARTIN**  
**ASSET LABORATORIES**  
**3151 WEST POST ROAD**

56DJ5E8X2FE4A

**LAS VEGAS NV 89118**  
REF: (702) 307-2659  
INV: PO:

DEPT:



**FRI - 18 MAR 10:30A**  
**PRIORITY OVERNIGHT**

TRK# **7763 3103 4180**

**89118**  
NV-US **LAS**

**WR LASA**



**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.  
**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.



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

**Laboratory Comments**

**Report:** 993836  
**Project:** SPECIAL  
**Group:** RESIDENTIAL TPH TESTING

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

---

**Folder Comments**

Results for TPH Carbon Chain 8015 and Gas Range are submitted by Asset Laboratories

EEA enters Subcontractor data into EEA system for archive tracking purposes. Please review Subcontract lab report for QC data and Qualifiers that are applicable to the reported data. Significant figures may vary due to system limitations. Please review Subcontractor's report in full.



Eaton Analytical

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

Laboratory Hits

Report: 993836  
Project: SPECIAL  
Group: RESIDENTIAL TPH TESTING

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

Samples Received on:  
03/18/2022 0935

Analyzed	Analyte	Sample ID	Result	Federal MCL	Units	MRL
----------	---------	-----------	--------	-------------	-------	-----

SUMMARY OF POSITIVE DATA ONLY

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

Report: 993836  
 Project: SPECIAL  
 Group: RESIDENTIAL TPH TESTING

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

Samples Received on:  
 03/18/2022 0935

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
<b>91-1062 Kaikukuma St (202203180353)</b>						<b>Sampled on 03/17/2022 0930</b>			
Static ID: KeAina									
<b>SW 8015B - (SUB)Gas Fraction Hydrocarbons</b>									
03/18/22	03/18/22 18:37			(SW 8015B)	(SUB)Gas Fraction Hydrocarbons	ND	mg/L	0.05	1
<b>SW 8015B - TPH 8015 Diesel and Motor Oil</b>									
03/21/22	03/22/22 09:20			(SW 8015B)	TPH Diesel	ND	ug/L	50	1
03/21/22	03/22/22 09:20			(SW 8015B)	TPH Motor Oil	ND	ug/L	50	1
<b>TB:: 91-1062 Kaikukuma St (202203180354)</b>						<b>Sampled on 03/17/2022 0930</b>			
<b>SW 8015B - (SUB)Gas Fraction Hydrocarbons</b>									
03/18/22	03/18/22 07:07			(SW 8015B)	(SUB)Gas Fraction Hydrocarbons	ND	mg/L	0.05	1
<b>91-1112 Kaikukuma St (202203180360)</b>						<b>Sampled on 03/17/2022 0955</b>			
<b>SW 8015B - (SUB)Gas Fraction Hydrocarbons</b>									
03/18/22	03/18/22 07:38			(SW 8015B)	(SUB)Gas Fraction Hydrocarbons	ND	mg/L	0.05	1
<b>SW 8015B - TPH 8015 Diesel and Motor Oil</b>									
03/21/22	03/22/22 09:50			(SW 8015B)	TPH Diesel	ND	ug/L	50	1
03/21/22	03/22/22 09:50			(SW 8015B)	TPH Motor Oil	ND	ug/L	50	1
<b>TB:: 91-1112 Kaikukuma St (202203180361)</b>						<b>Sampled on 03/17/2022 0955</b>			
<b>SW 8015B - (SUB)Gas Fraction Hydrocarbons</b>									
03/18/22	03/18/22 20:09			(SW 8015B)	(SUB)Gas Fraction Hydrocarbons	ND	mg/L	0.05	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.

March 22, 2022

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

Workorder No.: N049891

RE: BWS HONOLULU

Attention: Debbie Frank

Enclosed are the results for sample(s) received on March 18, 2022 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.



**ASSET LABORATORIES**  
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CALIFORNIA | P: 562.219.7435 F: 562.219.7436  
11110 Artesia Blvd., Ste B, Cerritos, CA 90703  
ELAP Cert 2921  
EPA ID CA01638

NEVADA | P: 702.307.2659 F: 702.307.2691  
3151 W. Post Rd., Las Vegas, NV 89118  
ELAP Cert 2676 | NV Cert NV00922  
ORELAP/NELAP Cert 4046

*"Serving Clients with Passion and Professionalism"*

---

**CLIENT:** Eurofins  
**Project:** BWS HONOLULU  
**Lab Order:** N049891

---

**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.



**CLIENT:** Eurofins  
**Project:** BWS HONOLULU  
**Lab Order:** N049891  
**Contract No:**

**Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N049891-001A	993836_202203180353_91-1062 Kaikukuma St	Chlor(am)inated Fi	3/17/2022 9:30:00 AM	3/18/2022	3/22/2022
N049891-001B	993836_202203180353_91-1062 Kaikukuma St	Chlor(am)inated Fi	3/17/2022 9:30:00 AM	3/18/2022	3/22/2022
N049891-002A	993836_202203180354_TB::91-1062 Kaikukuma St	Chlor(am)inated Fi	3/17/2022 9:30:00 AM	3/18/2022	3/22/2022
N049891-003A	993836_202203180360_91-1112 Kaikukuma St	Chlor(am)inated Fi	3/17/2022 9:55:00 AM	3/18/2022	3/22/2022
N049891-003B	993836_202203180360_91-1112 Kaikukuma St	Chlor(am)inated Fi	3/17/2022 9:55:00 AM	3/18/2022	3/22/2022
N049891-004A	993836_202203180361_TB::91-1062 Kaikukuma St	Chlor(am)inated Fi	3/17/2022 9:55:00 AM	3/18/2022	3/22/2022



**ASSET Laboratories**

**ANALYTICAL RESULTS**

Print Date: 22-Mar-22

<b>CLIENT:</b> Eurofins	<b>Client Sample ID:</b> 993836_202203180353_91-1062 Kai
<b>Lab Order:</b> N049891	<b>Collection Date:</b> 3/17/2022 9:30:00 AM
<b>Project:</b> BWS HONOLULU	<b>Matrix:</b> CHLOR(AM)INATED FINISHED W
<b>Lab ID:</b> N049891-001	

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-GC1_220321C	QC Batch: 91990				PrepDate: 3/21/2022	Analyst: MCC
Diesel Range Organics (C10-C28)	ND	50		ug/L	1	3/22/2022 09:20 AM
Oil Range Organics (C28-C40)	ND	50		ug/L	1	3/22/2022 09:20 AM
Surr: p-Terphenyl	82.7	33-138		%REC	1	3/22/2022 09:20 AM
<b>GASOLINE RANGE ORGANICS BY GC/FID</b>						
<b>EPA 8015B</b>						
RunID: NV00922-GC4_220318A	QC Batch: E22VW029				PrepDate:	Analyst: DJ
GRO	ND	0.050		mg/L	1	3/18/2022 06:37 PM
Surr: Chlorobenzene - d5	88.8	69-130		%REC	1	3/18/2022 06:37 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**  
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CALIFORNIA | P: 562.219.7435 F: 562.219.7436  
11110 Artesia Blvd., Ste B, Cerritos, CA 90703  
ELAP Cert 2921  
EPA ID CA01638

NEVADA | P: 702.307.2659 F: 702.307.2691  
3151 W. Post Rd., Las Vegas, NV 89118  
ELAP Cert 2676 | NV Cert NV00922  
ORELAP/NELAP Cert 4046

"Serving Clients with Passion and Professionalism"

**ASSET Laboratories**

**ANALYTICAL RESULTS**

Print Date: 22-Mar-22

<b>CLIENT:</b> Eurofins	<b>Client Sample ID:</b> 993836_202203180354_TB::91-1062
<b>Lab Order:</b> N049891	<b>Collection Date:</b> 3/17/2022 9:30:00 AM
<b>Project:</b> BWS HONOLULU	<b>Matrix:</b> CHLOR(AM)INATED FINISHED W
<b>Lab ID:</b> N049891-002	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

**GASOLINE RANGE ORGANICS BY GC/FID**

**EPA 8015B**

RunID: NV00922-GC4_220318A	QC Batch: E22VW029	PrepDate:	Analyst: DJ		
GRO	ND	0.050	mg/L	1	3/18/2022 07:07 PM
Surr: Chlorobenzene - d5	93.4	69-130	%REC	1	3/18/2022 07:07 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**  
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CALIFORNIA | P:562.219.7435 F:562.219.7436  
11110 Artesia Blvd., Ste B, Cerritos, CA 90703  
ELAP Cert 2921  
EPA ID CA01638

NEVADA | P:702.307.2659 F:702.307.2691  
3151 W. Post Rd., Las Vegas, NV 89118  
ELAP Cert 2676 | NV Cert NV00922  
ORELAP/NELAP Cert 4046

*"Serving Clients with Passion and Professionalism"*



**ASSET Laboratories**

**ANALYTICAL RESULTS**

Print Date: 22-Mar-22

<b>CLIENT:</b> Eurofins	<b>Client Sample ID:</b> 993836_202203180360_91-1112 Kai
<b>Lab Order:</b> N049891	<b>Collection Date:</b> 3/17/2022 9:55:00 AM
<b>Project:</b> BWS HONOLULU	<b>Matrix:</b> CHLOR(AM)INATED FINISHED W
<b>Lab ID:</b> N049891-003	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>TPH CARBON CHAIN EPA 8015</b>						
<b>EPA 3510C</b>						
RunID: NV00922-GC1_220321C	QC Batch: 91990				PrepDate: 3/21/2022	Analyst: MCC
Diesel Range Organics (C10-C28)	ND	50		ug/L	1	3/22/2022 09:50 AM
Oil Range Organics (C28-C40)	ND	50		ug/L	1	3/22/2022 09:50 AM
Surr: p-Terphenyl	78.8	33-138		%REC	1	3/22/2022 09:50 AM
<b>GASOLINE RANGE ORGANICS BY GC/FID</b>						
<b>EPA 8015B</b>						
RunID: NV00922-GC4_220318A	QC Batch: E22VW029				PrepDate:	Analyst: DJ
GRO	ND	0.050		mg/L	1	3/18/2022 07:38 PM
Surr: Chlorobenzene - d5	93.2	69-130		%REC	1	3/18/2022 07:38 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**  
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

**CALIFORNIA** | P:562.219.7435 F:562.219.7436  
11110 Artesia Blvd., Ste B, Cerritos, CA 90703  
ELAP Cert 2921  
EPA ID CA01638

**NEVADA** | P:702.307.2659 F:702.307.2691  
3151 W. Post Rd., Las Vegas, NV 89118  
ELAP Cert 2676 | NV Cert NV00922  
ORELAP/NELAP Cert 4046

"Serving Clients with Passion and Professionalism"

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 22-Mar-22

<b>CLIENT:</b> Eurofins	<b>Client Sample ID:</b> 993836_202203180361_TB::91-1062
<b>Lab Order:</b> N049891	<b>Collection Date:</b> 3/17/2022 9:55:00 AM
<b>Project:</b> BWS HONOLULU	<b>Matrix:</b> CHLOR(AM)INATED FINISHED W
<b>Lab ID:</b> N049891-004	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID: NV00922-GC4_220318A	QC Batch: E22VW029	PrepDate:	Analyst: DJ		
GRO	ND	0.050	mg/L	1	3/18/2022 08:09 PM
Surr: Chlorobenzene - d5	100	69-130	%REC	1	3/18/2022 08:09 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	



ASSET LABORATORIES  
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CALIFORNIA | P:562.219.7435 F:562.219.7436  
11110 Artesia Blvd., Ste B, Cerritos, CA 90703  
ELAP Cert 2921  
EPA ID CA01638

NEVADA | P:702.307.2659 F:702.307.2691  
3151 W. Post Rd., Las Vegas, NV 89118  
ELAP Cert 2676 | NV Cert NV00922  
ORELAP/NELAP Cert 4046

"Serving Clients with Passion and Professionalism"

ASSET Laboratories

Date: 22-Mar-22

ANALYTICAL QC SUMMARY REPORT

CLIENT: Eurofins  
 Work Order: N049891  
 Project: BWS HONOLULU

TestCode: 8015DM\_W\_CC

Sample ID: MB-91990	SampType: MBLK	TestCode: 8015DM_W_C	Units: ug/L	Prep Date: 3/21/2022	RunNo: 161008						
Client ID: PBW	Batch ID: 91990	TestNo: EPA 8015B(M)	EPA 3510C	Analysis Date: 3/22/2022	SeqNo: 4571699						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel Range Organics (C10-C28)	ND	50									
Oil Range Organics (C28-C40)	ND	50									
Surr: p-Terphenyl	76.917		80.00		96.1	33	138				

Sample ID: LCS-91990	SampType: LCS	TestCode: 8015DM_W_C	Units: ug/L	Prep Date: 3/21/2022	RunNo: 161008						
Client ID: LCSW	Batch ID: 91990	TestNo: EPA 8015B(M)	EPA 3510C	Analysis Date: 3/22/2022	SeqNo: 4571700						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel Range Organics (C10-C28)	753.558	50	1000	0	75.4	48	120				
Surr: p-Terphenyl	77.681		80.00		97.1	33	138				

Sample ID: N049890-001B-MS	SampType: MS	TestCode: 8015DM_W_C	Units: ug/L	Prep Date: 3/21/2022	RunNo: 161008						
Client ID: ZZZZZZ	Batch ID: 91990	TestNo: EPA 8015B(M)	EPA 3510C	Analysis Date: 3/22/2022	SeqNo: 4571702						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel Range Organics (C10-C28)	865.652	50	1000	0	86.6	48	120				
Surr: p-Terphenyl	83.830		80.00		105	33	138				

Sample ID: N049890-001B-MSD	SampType: MSD	TestCode: 8015DM_W_C	Units: ug/L	Prep Date: 3/21/2022	RunNo: 161008						
Client ID: ZZZZZZ	Batch ID: 91990	TestNo: EPA 8015B(M)	EPA 3510C	Analysis Date: 3/22/2022	SeqNo: 4571703						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel Range Organics (C10-C28)	817.231	50	1000	0	81.7	48	120	865.7	5.75	20	
Surr: p-Terphenyl	78.529		80.00		98.2	33	138		0	0	

**Qualifiers:**

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
DO	Surrogate Diluted Out	Calculations are based on raw values	

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



CALIFORNIA P:562.219.7435 F:562.219.7436 NEVADA P:702.307.2659 F:702.307.2691  
 11110 Artesia Blvd, Ste B, Cerritos, CA 90703 3151 W. Post Rd., Las Vegas, NV 89118  
 ELAP Cert 2921 ELAP Cert 2676 | NV Cert NV00922  
 EPA ID:CA01638 ORELAP/NELAP Cert 4046

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Eurofins  
**Work Order:** N049891  
**Project:** BWS HONOLULU

**TestCode: 8015GAS\_WU**

Sample ID: <b>E220318LCS</b>	SampType: <b>LCS</b>	TestCode: <b>8015GAS_WU</b>	Units: <b>mg/L</b>	Prep Date: <b>160953</b>							
Client ID: <b>LCSW</b>	Batch ID: <b>E22VW029</b>	TestNo: <b>EPA 8015B</b>		SeqNo: <b>4569551</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	0.857	0.050	1.000	0	85.7	69	143				
Surr: Chlorobenzene - d5	45.040		50.00		90.1	69	130				

Sample ID: <b>E220318MB</b>	SampType: <b>MBLK</b>	TestCode: <b>8015GAS_WU</b>	Units: <b>mg/L</b>	Prep Date: <b>160953</b>							
Client ID: <b>PBW</b>	Batch ID: <b>E22VW029</b>	TestNo: <b>EPA 8015B</b>		SeqNo: <b>4569552</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	ND	0.050			91.4	69	130				
Surr: Chlorobenzene - d5	45.683		50.00								

Sample ID: <b>N049823-001DMS</b>	SampType: <b>MS</b>	TestCode: <b>8015GAS_WU</b>	Units: <b>mg/L</b>	Prep Date: <b>160953</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>E22VW029</b>	TestNo: <b>EPA 8015B</b>		SeqNo: <b>4569554</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	1.104	0.050	1.000	0.2510	85.3	49	156				
Surr: Chlorobenzene - d5	53.118		50.00		106	69	130				

Sample ID: <b>N049823-001DMSD</b>	SampType: <b>MSD</b>	TestCode: <b>8015GAS_WU</b>	Units: <b>mg/L</b>	Prep Date: <b>160953</b>							
Client ID: <b>ZZZZZZ</b>	Batch ID: <b>E22VW029</b>	TestNo: <b>EPA 8015B</b>		SeqNo: <b>4569555</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

GRO	1.057	0.050	1.000	0.2510	80.6	49	156	1.104	4.35	20	
Surr: Chlorobenzene - d5	51.923		50.00		104	69	130		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



CALIFORNIA IP: 562.219.7435 F: 562.219.7436 NEVADA IP: 702.307.2659 F: 702.307.2691  
 11110 Artesia Blvd - Ste B, Cerritos, CA 90703 3151 W. Post Rd., Las Vegas, NV 89118  
 ELAP Cert 2921 ELAP Cert 2676 | NV Cert NV00922  
 EPA ID: CA01638 ORELAP/NELAP Cert 4046

"Serving Clients with Passion and Professionalism"



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:

SAMPLE TEMP RECEIVED AT: **ASSET LABS 2-10-18#3**

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: **FedEx 4190**

SAMPLES CHECKED AGAINST COC BY: \_\_\_\_\_

SAMPLES LOGGED IN BY: \_\_\_\_\_

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

TO BE COMPLETED BY SAMPLER:

COMPANY/AGENCY NAME: **BWS HONOLULU**

PROJECT CODE: **Special**

SAMPLE GROUP: **RESIDENTIAL TPH TESTING**

TAT requested: rush by adv notice only

STD: 1 wk \_\_\_ 5 day \_\_\_ 2 day \_\_\_ 1 day \_\_\_

FIELD DATA: \_\_\_\_\_

MATRIX: \_\_\_\_\_

CLIENT LAB ID: \_\_\_\_\_

SAMPLE ID: \_\_\_\_\_

91-1062 Kaikukuma St

91-1112 Kaikukuma St

**8016 Direct Shipped for 3d TAT to**  
ASSET Laboratories  
3151 W Post Road  
Las Vegas, NV 89118  
Attn: Sample Control / Marion Carlin  
702.307.2659

Bill and Report to EEA-Monrovia  
Eaton - Monrovia Sub Contract <Eaton-MonroviaSubContract@eurofins.com>

**8270 Direct Shipped for 3d TAT to**  
Eurofins Frontier Global Sciences, LLC  
5755 8th St E  
Tacoma WA, 98424  
Attn: Sample Receiving / Elaine Walker  
+1 253-248-1872

Bill and Report to EEA-Monrovia  
Eaton - Monrovia Sub Contract <Eaton-MonroviaSubContract@eurofins.com>

ASSET Labs

TPH 8016

Diesel and Motor Oil C

3 4 2

8015 Gac C

4 4 2

8016 Gac C TB

2 2

EEA-Monrovia

VOASDWA C

VOASDWA T

FGS

8270ESim F

WA C

8270F\_EWA

C (BN)

BCEFF

NON-COMPLIANCE INVOLVED:

REGULATION INVOLVED: (eg. SDWA, Phase V, NPDES, FDA, ...)

SEE ATTACHED BOTTLE ORDER FOR ANALYSES

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

Temp Blank: **0.0** °C

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


SAMPLE DATE	SAMPLE TIME	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
3-17-2022	0930	<i>[Signature]</i>	Derek Dotson	Honolulu Board of Water Supply	3-17-2022	1200
3-17-2022	0935	<i>[Signature]</i>	Derek Dotson	Honolulu Board of Water Supply	3-17-2022	0935
		<i>[Signature]</i>	<i>[Signature]</i>	ASSET LABS	3/10/22	

**Submittal Form**

**\*REPORTING REQUIREMENTS Do Not Combine Reports with any other samples submitted under different Folder Numbers!**

Report & Invoice must have the Folder # 993836 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.

	
<b>Ship To:</b> Asset Laboratories 3151 W. Post Road Las Vegas, NV 89118 Phone: 562-219-7435 Fax: 562-219-7436	<b>Folder #:</b> 993836
<b>Report Due:</b> 03/23/2022	Provide in each Report the Specified State Certification # and Exp Date for requested tests + matrix. Samples from: HAWAII

**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

Sample ID 202203180353	Client Sample ID for reference on! 91-1062 Kaikukuma St	Sample Date & Time 03/17/22 0930 DW	Matrix DW	Clip Code	PWSID B6AN
Sample type: SW 8015B	Sample Event: (SUB)Gas Fraction Hydrocarbons	Facility ID: KeAina	Sample Point ID:	Static ID:	KeAina

<b>Method</b> SW 8015B EPA 5030C EPA 3550B	<b>Prep Method</b> EPA 5030C EPA 3550B	<b>Analysis Requested</b> (SUB)Gas Fraction Hydrocarbons TPH 8015 Diesel and Motor Oil
---	--	--

Sample ID 202203180354	Client Sample ID for reference on! TB:: 91-1062 Kaikukuma St	Sample Date & Time 03/17/22 0930 DW	Matrix DW	Clip Code	PWSID B6AN
Sample type: W 8015B	Sample Event: ( UB)Gas Fraction Hydrocarbons	Facility ID:	Sample Point ID:	Static ID:	B6AN

<b>Method</b> W 8015B EPA 5030C	<b>Prep Method</b> EPA 5030C	<b>Analysis Requested</b> ( UB)Gas Fraction Hydrocarbons
---------------------------------------	---------------------------------	---

Sample ID 202203180360	Client Sample ID for reference on! 91-1112 Kaikukuma St	Sample Date & Time 03/17/22 0955 DW	Matrix DW	Clip Code	PWSID B6AN
Sample type: SW 8015B	Sample Event: (SUB)Gas Fraction Hydrocarbons	Facility ID:	Sample Point ID:	Static ID:	B6AN

<b>Method</b> SW 8015B EPA 5030C EPA 3550B	<b>Prep Method</b> EPA 5030C EPA 3550B	<b>Analysis Requested</b> (SUB)Gas Fraction Hydrocarbons TPH 8015 Diesel and Motor Oil
---	--	--

Relinquished by: _____ Date _____ Time _____	Sample Control	Date _____ Time _____	NOTIFICATION REQUIRED IF RECEIVED OUTSIDE OF 0-6 CELSIUS
Received by: _____ Date _____ Time _____	Sample Control	Date _____ Time _____	An Acknowledgement of Receipt is requested to attn: Jackie Contreras
Relinquished by: _____ Date _____ Time _____	Sample Control	Date _____ Time _____	
Received by: _____ Date _____ Time _____	Sample Control	Date _____ Time _____	

**Sample ID** 202203180361 **Client Sample ID for reference onl** **Sample Date & Time** 03/17/22 0955 **Matrix** DW **Clip Code** **PWSID** B6AN  
 TB:: 91-1112 Kaikukuma St **Sample Point ID:** **Static ID:**  
**Sample type:** **Sample Event:** **Facility ID:**

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

**Relinquished by:** \_\_\_\_\_ **Sample Control** \_\_\_\_\_ **Date** \_\_\_\_\_ **Time** \_\_\_\_\_ **NOTIFICATION REQUIRED IF RECEIVED OUTSIDE OF 0-6 CELSIUS**  
**Received by:** \_\_\_\_\_ **Date** \_\_\_\_\_ **Time** \_\_\_\_\_ **An Acknowledgement of Receipt is requested to attn: Jackie Contreras**  
**Relinquished by:** \_\_\_\_\_ **Sample Control** \_\_\_\_\_ **Date** \_\_\_\_\_ **Time** \_\_\_\_\_  
**Received by:** \_\_\_\_\_ **Date** \_\_\_\_\_ **Time** \_\_\_\_\_

# 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: 3/18/2021 Workorder: N049891  
 Rep sample Temp (Deg C): 2.1 IR Gun ID: 3  
 Temp Blank:  Yes  No  
 Carrier name: FedEx  
 Last 4 digits of Tracking No.: 4180 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 checked="" type="checkbox"/> | No <input 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 type="checkbox"/>            | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/>          |
| 16. Were there Non-Conformance issues at login?<br>Was Client notified?                 | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/>          |
|   | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/>          |

Comments:

For: GGJ YRJ 3/18/2022  
 Checklist Completed By: GGJ

Reviewed By: MBC 3/21/22



# ASSET Laboratories

## WORK ORDER Summary

18-Mar-22

WorkOrder: N049891

Client ID: EUROF01

Project: BWS HONOLULU

QC Level: RTNE

Date Received: 3/18/2022

Comments: MRL only

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N049891-001A	993836_202203180353_91-103/17/2022 9:30:00 AM 60 Kailashuma St	3/22/2022	3/22/2022	r(am)inated Finished	EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N049891-001B		3/22/2022	3/22/2022		EPA 3510C	SEPARATORY FUNNEL EXTRACTION: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N049891-002A	993836_202203180354_TB::9 11060 Kailashuma St	3/22/2022	3/22/2022		EPA 8015B(M)	TPH Carbon Chain EPA 8015	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N049891-003A	993836_202203180360_91-113/17/2022 9:55:00 AM 17 Kailashuma St	3/22/2022	3/22/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N049891-003B		3/22/2022	3/22/2022		EPA 3510C	SEPARATORY FUNNEL EXTRACTION: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N049891-004A	993836_202203180361_TB::9 11060 Kailashuma St	3/22/2022	3/22/2022		EPA 8015B(M)	TPH Carbon Chain EPA 8015	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N049891-005A	FOLDER	3/22/2022	3/22/2022		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			3/22/2022		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

ORIGIN ID:HIKA (808) 748-5840  
BWS CHEMLAB  
630 S. BERETANIA ST.  
HONOLULU, HI 96843  
UNITED STATES US

SHIP DATE: 17MAR22  
ACTWTG: 60.00 LB  
CAD: 100205419/NET4460

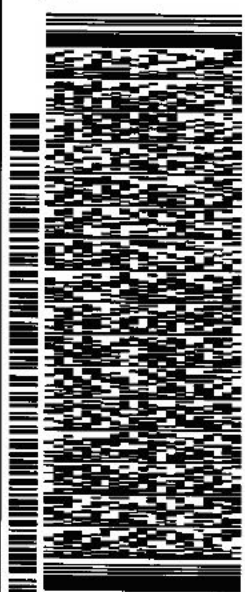
BILL RECIPIENT

TO **SAMPLE CONTROL MARLON CARTIN**  
**ASSET LABORATORIES**  
**3151 WEST POST ROAD**

**LAS VEGAS NV 89118**  
REF: (702) 307-2859  
INV: NV

56DJ5FE802FE4A

PO: DEPT:



**FRI - 18 MAR 10:30A**  
**PRIORITY OVERNIGHT**

TRK# **7763 3103 4180**

**WR LASA**  
89118  
NV-US LAS



**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.

**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.