ANALYTICAL REPORT

Eurofins Eaton Monrovia 750 Royal Oaks Drive Suite 100 Monrovia, CA 91016

Tel: (626)386-1100

Laboratory Job ID: 380-18330-1

Client Project/Site: INTERA - Red-Hill-Incident

For:

City & County of Honolulu 630 South Beretania Street Public Service Bldg. Room 308 Honolulu, Hawaii 96843

Attn: Mr. Erwin Kawata

Deblit Frank

Authorized for release by: 9/3/2022 5:07:50 PM

Debbie Frank, Project Manager (626)386-1100

Debbie.Frank@et.eurofinsus.com

..... LINKS

Review your project results through

Have a Question?



Visit us at: www.eurofinsus.com/Env This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1. Laboratory is accredited in accordance with TNI 2016 Standards and ISO/IEC 17025:2017.
- 2. Laboratory certifies that the test results meet all TNI 2016 and ISO/IEC 17025:2017 requirements unless noted under the individual analysis
- 3. Test results relate only to the sample(s) tested.
- 4. This report shall not be reproduced except in full, without the written approval of the laboratory.
- 5. Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below. (DW,Water matrices)

Debbie Frank

Project Manager

9/3/2022 5:07:50 PM

5

4

5

6

10

11

12

4.

Client: City & County of Honolulu Project/Site: INTERA - Red-Hill-Incident Laboratory Job ID: 380-18330-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	7
Surrogate Summary	8
QC Sample Results	9
QC Association Summary	11
Lab Chronicle	12
Method Summary	13
Sample Summary	14
Subcontract Data	15
Chain of Custody	27
Receipt Checklists	29

4

5

7

9

10

12

13

Definitions/Glossary

Client: City & County of Honolulu

Project/Site: INTERA - Red-Hill-Incident

Job ID: 380-18330-1

Glossary

MDA

Glossary	
Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"

MDC Minimum Detectable Concentration (Radiochemistry)
MDL Method Detection Limit
ML Minimum Level (Dioxin)
MPN Most Probable Number
MQL Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

Minimum Detectable Activity (Radiochemistry)

NEG Negative / Absent POS Positive / Present

PQL Practical Quantitation Limit

PRES Presumptive
QC Quality Control

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin)
TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Eurofins Eaton Monrovia

Page 4 of 29 9/3/2022

Case Narrative

Client: City & County of Honolulu Project/Site: INTERA - Red-Hill-Incident Job ID: 380-18330-1

Job ID: 380-18330-1

Laboratory: Eurofins Eaton Monrovia

Narrative

Job Narrative 380-18330-1

Comments

No additional comments.

Receipt

The samples were received on 8/17/2022 10:40 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.8° C.

Subcontract non-Sister

See attached subcontract report.

Subcontract Work

Methods 8015 Gas (purgeable), TPH Diesel and Motor Oil: These methods were subcontracted to Asset Laboratories. The subcontract laboratory certifications are different from that of the facility issuing the final report.

Detection Summary

Client: City & County of Honolulu

Project/Site: INTERA - Red-Hill-Incident

Job ID: 380-18330-1

Client Sample ID: N052158-01 BWS2253-j1-AQ

No Detections.

Lab Sample ID: 380-18330-1

Client Sample ID: N052158-02 BWS2253-J1-TB Lab Sample ID: 380-18330-2

No Detections.

3

5

7

8

40

4.0

13

14

Client Sample Results

Client: City & County of Honolulu
Project/Site: INTERA - Red-Hill-Incident

Client Sample ID: N052158-01 BWS2253-j1-AQ Lab Sample ID: 380-18330-1

Date Collected: 08/16/22 10:00 Date Received: 08/17/22 10:40

Method: 8015 Gas (purgeable) - SW846 8015B Gasoline Range Organics

Me	thod: 8015 Gas (purgeable)) - SW846 8	015B Gaso	oline Range (Organics	6				
Ana	ılyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GR	0	ND		0.050		mg/L		08/18/22 00:00	08/18/22 11:19	1
Sur	rogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Chlo	probenzene - d5	99.2		69 - 130				08/18/22 00:00	08/18/22 11:19	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C28)	ND		50		ug/L		08/23/22 00:00	08/23/22 04:31	1
Oil Range Organics (C28-C40)	ND		50		ug/L		08/23/22 00:00	08/23/22 04:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
p-Terphenyl	83.1		33 - 138				08/23/22 00:00	08/23/22 04:31	1

Client Sample ID: N052158-02 BWS2253-J1-TB Lab Sample ID: 380-18330-2

Date Collected: 08/16/22 10:00 Date Received: 08/17/22 10:40

Method: 0010 Cd3 (pdf)	geable) - SW846 80	JIDD Gast	nine Kange C	rganics	•				
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO	ND		0.050		mg/L		08/18/22 00:00	08/18/22 10:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Chlorobenzene - d5	98.9		69 - 130				08/18/22 00:00	08/18/22 10:48	

Job ID: 380-18330-1

Matrix: Water

Matrix: Water

4

6

8

10

12

1 /

Surrogate Summary

Client: City & County of Honolulu Project/Site: INTERA - Red-Hill-Incident Job ID: 380-18330-1

Method: 8015 Gas (purgeable) - SW846 8015B Gasoline Range Organics

Matrix: Water Prep Type: Total/NA

			Percent Surrogate Recovery (Acceptance Limits)
		robenzene	
Lab Sample ID	Client Sample ID	(69-130)	
380-18330-1	N052158-01 BWS2253-j1-AQ	99.2	
380-18330-2	N052158-02 BWS2253-J1-TB	98.9	
E220818LCS	Lab Control Sample	103	
E220818MB	MBLK	98.2	
N052158-001BMS	BWS2253-J1-AQ (380-18330-1) MS	98.3	
N052158-001BMSD	BWS2253-J1-AQ (380-18330-1) MSD	100	
Surrogate Legend			

Method: TPH Diesel and Motor Oil - 8015 - TPH DRO/ORO

Matrix: Water Prep Type: Total/NA

			Percent Surrogate Recovery (Acceptance Limits)
		TPH	
_ab Sample ID	Client Sample ID	(33-138)	
380-18330-1	N052158-01 BWS2253-j1-AQ	83.1	
_CS-94287	Lab Control Sample	87.7	
MB-94287	MBLK	88.2	
N052158-001A-MS	BWS2253-J1-AQ	95.2	
	(380-18330-1) MS		
N052158-001A-MSD	BWS2253-J1-AQ	93.0	
	(380-18330-1) MSD		
Surrogate Legend			

Client: City & County of Honolulu Job ID: 380-18330-1

Project/Site: INTERA - Red-Hill-Incident

Method: 8015 Gas (purgeable) - SW846 8015B Gasoline Range Organics

Lab Sample ID: E220818LCS Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA **Analysis Batch: E22VW094** Prep Batch: E22VW094_P

Spike LCS LCS %Rec Added Result Qualifier Limits Analyte Unit D %Rec **GRO** 1.000 1.088 mg/L 109 69 - 143

LCS LCS %Recovery Surrogate Qualifier Limits Chlorobenzene - d5 103 69 - 130

Client Sample ID: BWS2253-J1-AQ (380-18330-1) MS Lab Sample ID: N052158-001BMS Prep Type: Total/NA

Matrix: Water

Analysis Batch: E22VW094 Prep Batch: E22VW094_P Sample Sample Spike MS MS

%Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits GRO n 1.000 0.983 mg/L 98.3 49 - 156

MS MS %Recovery Surrogate Qualifier Limits Chlorobenzene - d5 98.3 69 - 130

Client Sample ID: BWS2253-J1-AQ (380-18330-1) MSD Lab Sample ID: N052158-001BMSD **Matrix: Water** Prep Type: Total/NA

Analysis Batch: E22VW094

Prep Batch: E22VW094_P Spike MSD MSD %Rec RPD Sample Sample Analyte Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Result **GRO** 0 1.000 1.026 103 49 - 156 4.28 mg/L

MSD MSD %Recovery Surrogate Qualifier Limits Chlorobenzene - d5 100 69 - 130

Method: TPH Diesel and Motor Oil - 8015 - TPH DRO/ORO

Lab Sample ID: LCS-94287 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 94287

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit D %Rec Limits 1000 568.163 ug/L 56.8 48 - 120

Diesel Range Organics (C10-C28)

LCS LCS %Recovery Qualifier Limits Surrogate 33 - 138 p-Terphenyl 87.7

Lab Sample ID: N052158-001A-MS

Client Sample ID: BWS2253-J1-AQ (380-18330-1) MS **Matrix: Water** Prep Type: Total/NA

Prep Batch: 94287 P **Analysis Batch: 94287** Spike MS MS %Rec Sample Sample

Added Result Qualifier Result Qualifier D Limits Analyte Unit %Rec **Diesel Range Organics** 0 1000 682.367 68.2 48 - 120 ug/L (C10-C28)

MS MS

Surrogate **%Recovery Qualifier** Limits p-Terphenyl 95.2 33 - 138

Eurofins Eaton Monrovia

Prep Batch: 94287 P

Page 9 of 29 9/3/2022

QC Sample Results

Client: City & County of Honolulu Job ID: 380-18330-1

Project/Site: INTERA - Red-Hill-Incident

Method: TPH Diesel and Motor Oil - 8015 - TPH DRO/ORO

Lab Sample ID: N052158-001A-MSD

Matrix: Water

Prep Type: Total/NA
Analysis Batch: 94287

Client Sample ID: BWS2253-J1-AQ (380-18330-1) MSD
Prep Type: Total/NA
Prep Batch: 94287_P

-	Sample S	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result C	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Diesel Range Organics			1000	632.854		ug/L		63.3	48 - 120	7.53	20

(C10-C28)

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
p-Terphenyl	93.0		33 - 138

QC Association Summary

Client: City & County of Honolulu Project/Site: INTERA - Red-Hill-Incident Job ID: 380-18330-1

Subcontract

Analysis Batch: 94287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-18330-1	N052158-01 BWS2253-j1-AQ	Total/NA	Water	TPH Diesel and	94287_P
				Motor Oil	
LCS-94287	Lab Control Sample	Total/NA	Water	TPH Diesel and	94287_P
				Motor Oil	
N052158-001A-MS	BWS2253-J1-AQ (380-18330-1) MS	Total/NA	Water	TPH Diesel and	94287_P
				Motor Oil	
N052158-001A-MSD	BWS2253-J1-AQ (380-18330-1) MSD	Total/NA	Water	TPH Diesel and	94287_P
				Motor Oil	

Prep Batch: 94287_P

Lab Sample ID 380-18330-1	Client Sample ID N052158-01 BWS2253-j1-AQ	Prep Type Total/NA	Matrix Water	Method SW3510C	Prep Batch
LCS-94287	Lab Control Sample	Total/NA	Water	SW3510C	
N052158-001A-MS	BWS2253-J1-AQ (380-18330-1) MS	Total/NA	Water	SW3510C	
N052158-001A-MSD	BWS2253-J1-AQ (380-18330-1) MSD	Total/NA	Water	SW3510C	

Analysis Batch: E22VW094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-18330-1	N052158-01 BWS2253-j1-AQ	Total/NA	Water	8015 Gas (purgeable)	E22VW094_P
380-18330-2	N052158-02 BWS2253-J1-TB	Total/NA	Water	8015 Gas (purgeable)	E22VW094_P
E220818LCS	Lab Control Sample	Total/NA	Water	8015 Gas (purgeable)	E22VW094_P
N052158-001BMS	BWS2253-J1-AQ (380-18330-1) MS	Total/NA	Water	8015 Gas (purgeable)	E22VW094_P
N052158-001BMSD	BWS2253-J1-AQ (380-18330-1) MSD	Total/NA	Water	8015 Gas (purgeable)	E22VW094_P

Prep Batch: E22VW094_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-18330-1	N052158-01 BWS2253-j1-AQ	Total/NA	Water	SW5030	_
380-18330-2	N052158-02 BWS2253-J1-TB	Total/NA	Water	SW5030	
E220818LCS	Lab Control Sample	Total/NA	Water	SW5030	
N052158-001BMS	BWS2253-J1-AQ (380-18330-1) MS	Total/NA	Water	SW5030	
N052158-001BMSD	BWS2253-J1-AQ (380-18330-1) MSD	Total/NA	Water	SW5030	

Lab Chronicle

Client: City & County of Honolulu Job ID: 380-18330-1

Project/Site: INTERA - Red-Hill-Incident

Client Sample ID: N052158-01 BWS2253-j1-AQ

Lab Sample ID: 380-18330-1 Date Collected: 08/16/22 10:00 **Matrix: Water**

Date Received: 08/17/22 10:40

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	SW5030		1	E22VW094_			08/18/22 00:00
					Р			
Total/NA	Analysis	8015 Gas		1	E22VW094	CA		08/18/22 11:19
		(purgeable)						
Total/NA	Prep	SW3510C		1	94287_P			08/23/22 00:00
Total/NA	Analysis	TPH Diesel and Motor		1	94287	MCC		08/23/22 04:31
	•	Oil						

Client Sample ID: N052158-02 BWS2253-J1-TB

Lab Sample ID: 380-18330-2 Date Collected: 08/16/22 10:00 **Matrix: Water**

Date Received: 08/17/22 10:40

	Batch	Batch	_	Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	SW5030		1	E22VW094_			08/18/22 00:00
Total/NA	Analysis	8015 Gas (purgeable)		1	E22VW094	CA		08/18/22 10:48

Laboratory References:

= Las Vegas, NV, 3151 W. Post Road, Las Vegas, NV 89118

Method Summary

Client: City & County of Honolulu Project/Site: INTERA - Red-Hill-Incident

 Method
 Method Description
 Protocol
 Laboratory

 8015
 8015 - TPH DRO/ORO
 EPA

 8015B
 SW846 8015B Gasoline Range Organics
 SW846

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

= Las Vegas, NV, 3151 W. Post Road, Las Vegas, NV 89118

Job ID: 380-18330-1

5

0

8

9

11

12

14

Sample Summary

Client: City & County of Honolulu Project/Site: INTERA - Red-Hill-Incident Job ID: 380-18330-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
380-18330-1	N052158-01 BWS2253-j1-AQ	Water	08/16/22 10:00	08/17/22 10:40
380-18330-2	N052158-02 BWS2253-J1-TB	Water	08/16/22 10:00	08/17/22 10:40

3

4

5

0

9

44

12

14

2

3

3

4

5

6

Q

10

12

14

August 25, 2022

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

TEL: (626) 386-1158

FAX: Workorder No.: N052158

RE: INTERA-Red-Hill-Incident, 38000861

Attention: Debbie Frank

Enclosed are the results for sample(s) received on August 17, 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 Sibucao

Intellegenda for

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.

CLIENT: Eurofins

Project: INTERA-Red-Hill-Incident, 38000861

Lab Order: N052158

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: INTERA-Red-Hill-Incident, 38000861 Work Order Sample Summary

Date: 25-Aug-22

Lab Order: N052158

Contract No:

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
	BWS2253-J1-AQ (380- 18330-1)	Raw Groundwater	8/16/2022 10:00:00 AM	8/17/2022	8/25/2022
	BWS2253-J1-AQ (380- 18330-1)	Raw Groundwater	8/16/2022 10:00:00 AM	8/17/2022	8/25/2022
N052158-002A	BWS2253-J1-TB (380- 18330-2)	Bottled Water	8/16/2022 10:00:00 AM	8/17/2022	8/25/2022

ANALYTICAL RESULTS

ASSET Laboratories Print Date: 25-Aug-22

CLIENT: Client Sample ID: BWS2253-J1-AQ (380-18330-1) Eurofins

Lab Order: N052158 Collection Date: 8/16/2022 10:00:00 AM **Project:** INTERA-Red-Hill-Incident, 38000861 Matrix: RAW GROUNDWATER

Lab ID: N052158-001

Analyse	es	Re	sult	PQL Q	ual Units	DF	Date Analyzed
TPH C	ARBON CHAIN EPA 801	5					
		EPA 3510C			EPA 8015B(N	1)	
RunID:	NV00922-GC1_220822C	QC Batch:	9428	37	Pre	epDate:	8/17/2022 Analyst: MCC
Diesel	Range Organics (C10-C28)		ND	50	ug/L	1	8/23/2022 04:31 AM
Oil Ra	nge Organics (C28-C40)		ND	50	ug/L	1	8/23/2022 04:31 AM
Surr	: p-Terphenyl		83.1	33-138	%REC	1	8/23/2022 04:31 AM
GASOL	INE RANGE ORGANICS	BY GC/FID					
					EPA 8015B		
RunID:	NV00922-GC4_220818A	QC Batch:	E22'	VW 094	Pre	epDate:	Analyst: CA
GRO			ND	0.050	mg/L	1	8/18/2022 11:19 AM
Surr	: Chlorobenzene - d5		99.2	69-130	%REC	1	8/18/2022 11:19 AM

Qualifiers: Analyte detected in the associated Method Blank

> Н Holding times for preparation or analysis exceeded

Spike/Surrogate outside of limits due to matrix interference

Surrogate Diluted Out

Value above quantitation range

ND Not Detected at the Reporting Limit Results are wet unless otherwise specified

ASSET LABORATORIES "Serving Clients with Passion and Professionalism"

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

ANALYTICAL RESULTS

Print Date: 25-Aug-22

CLIENT: Eurofins

Lab Order:

Project:

ASSET Laboratories

N052158

INTERA-Red-Hill-Incident, 38000861

Collection Date: 8/16/2022 10:00:00 AM

Matrix: BOTTLED WATER

Client Sample ID: BWS2253-J1-TB (380-18330-2)

Lab ID: N052158-002

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY G	C/FID				
			EPA 8015B		
RunID: NV00922-GC4_220818A QC	C Batch: E22	2VW 094	Prepl	Date:	Analyst: CA
GRO	ND	0.050	mg/L	1	8/18/2022 10:48 AM
Surr: Chlorobenzene - d5	98.9	69-130	%REC	1	8/18/2022 10:48 AM

Qualifiers: Analyte detected in the associated Method Blank

> Н Holding times for preparation or analysis exceeded

Spike/Surrogate outside of limits due to matrix interference

Surrogate Diluted Out

Value above quantitation range

ND Not Detected at the Reporting Limit Results are wet unless otherwise specified

ASSET LABORATORIES

CALIFORNIA | P:562.219.7435 F:562.219.7436 11110 Artesia Blvd., Ste B, Cerritos, CA 90703 ELAP Cert 2921 "Serving Clients with Passion and Professionalism" **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

CLIENT: Work Order:

ANALYTICAL QC SUMMARY REPORT

Project: INTERA-Red-Hill-Incident, 38000861

Eurofins

N052158

TestCode: 8015DM_W_CC

Sample ID: MB-94287	SampType: MBLK	TestCode: 8015DM_	W_C Units: ug/L		Prep Da	te: 8/17/20 2	22	RunNo: 165	075	
Client ID: PBW	Batch ID: 94287	TestNo: EPA 801	B(M EPA 3510C		Analysis Da	te: 8/23/20 2	22	SeqNo: 479	6939	
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	70.539	80.00		88.2	33	138				
Sample ID: LCS-94287	SampType: LCS	TestCode: 8015DM_	W_C Units: ug/L		Prep Da	te: 8/17/20 2	22	RunNo: 165	075	
Client ID: LCSW	Batch ID: 94287	TestNo: EPA 801	5B(M EPA 3510C		Analysis Da	te: 8/23/20 2	22	SeqNo: 479	6940	
Analyte	Result	PQL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (C10-C28)	568.163	50 1000	0	56.8	48	120				
Surr: p-Terphenyl	70.133	80.00		87.7	33	138				
Sample ID: N052158-001A-MS	SampType: MS	TestCode: 8015DM_	W_C Units: ug/L		Prep Da	te: 8/17/20 2	22	RunNo: 165	075	
Client ID: ZZZZZZ	Batch ID: 94287	TestNo: EPA 801	5B(M EPA 3510C		Analysis Da	te: 8/23/20 2	22	SeqNo: 479	6942	
Analyte	Result	PQL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (C10-C28)	682.367	50 1000	0	68.2	48	120				
Surr: p-Terphenyl	76.198	80.00		95.2	33	138				
Sample ID: N052158-001A-MSD	SampType: MSD	TestCode: 8015DM_	W_C Units: ug/L		Prep Da	te: 8/17/20 2	22	RunNo: 165	075	
Client ID: ZZZZZZ	Batch ID: 94287	TestNo: EPA 801	5B(M EPA 3510C		Analysis Da	te: 8/23/20 2	22	SeqNo: 479	6943	
Analyte	Result	PQL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
	·									
Diesel Range Organics (C10-C28)	632.854	50 1000	0	63.3	48	120	682.4	7.53	20	

Qualifiers:

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

Value above quantitation range

RPD outside accepted recovery limits

Calculations are based on raw values

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

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

ASSET LABORATORIES "Serving Clients with Passion and Professionalism"

ANALYTICAL QC SUMMARY REPORT

Holding times for preparation or analysis exceeded

Spike/Surrogate outside of limits due to matrix interference

TestCode: 8015GAS_WP Project: INTERA-Red-Hill-Incident, 38000861

Sample ID: E220818LCS Client ID: LCSW	SampType: LCS Batch ID: E22VW094		de: 8015GAS_ No: EPA 8015E	WP Units: mg/L		Prep Da Analysis Da		22	RunNo: 164 SeqNo: 478		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO Surr: Chlorobenzene - d5	1.088 51.519	0.050	1.000 50.00	0	109 103	69 69	143 130				
Sample ID: E220818MB	SampType: MBLK	TestCod	de: 8015GAS _	WP Units: mg/L		Prep Da	te:		RunNo: 164	958	
Client ID: PBW	Batch ID: E22VW094	TestN	lo: EPA 8015 E	3		Analysis Da	te: 8/18/20	22	SeqNo: 478	6532	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO Surr: Chlorobenzene - d5	ND 49.107	0.050	50.00		98.2	69	130				
Sample ID: N052158-001BMS	SampType: MS	TestCod	de: 8015GAS _	WP Units: mg/L		Prep Da	te:		RunNo: 164	958	
Sample ID: N052158-001BMS Client ID: ZZZZZZ	SampType: MS Batch ID: E22VW094		de: 8015GAS_ No: EPA 8015E	_		Prep Da Analysis Da		22	RunNo: 164 SeqNo: 478		
'			lo: EPA 8015 E	_	%REC	•	te: 8/18/20	22 RPD Ref Val			Qual
Client ID: ZZZZZZ	Batch ID: E22VW094	TestN	lo: EPA 8015 E	3	%REC 98.3 98.3	Analysis Da	te: 8/18/20		SeqNo: 478	6535	Qual
Client ID: ZZZZZZ Analyte GRO	Batch ID: E22VW094 Result 0.983	PQL 0.050	SPK value 1.000	SPK Ref Val 0 WP Units: mg/L	98.3	Analysis Da	HighLimit 156 130	RPD Ref Val	SeqNo: 478	RPDLimit	Qual
Client ID: ZZZZZZ Analyte GRO Surr: Chlorobenzene - d5 Sample ID: N052158-001BMSD	Batch ID: E22VW094 Result 0.983 49.129 SampType: MSD	PQL 0.050	SPK value 1.000 50.00 de: 8015GAS_ lo: EPA 8015E	SPK Ref Val 0 WP Units: mg/L	98.3	Analysis Da LowLimit 49 69 Prep Da	HighLimit 156 130 te: 8/18/20	RPD Ref Val	SeqNo: 478 %RPD RunNo: 164	RPDLimit	Qual

Qualifiers:

CLIENT:

Work Order:

Eurofins

N052158

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

"Serving Clients with Passion and Professionalism"

ASSET LABORATORIES

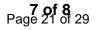
- Value above quantitation range
- RPD outside accepted recovery limits

Calculations are based on raw values

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



ANALYTICAL QC SUMMARY REPORT

Holding times for preparation or analysis exceeded

Spike/Surrogate outside of limits due to matrix interference

TestCode: 8015GAS_WU Project: INTERA-Red-Hill-Incident, 38000861

Sample ID: E220818LCS	SampType: LCS		_	WU Units: mg/L		Prep Da		••	RunNo: 164		
Client ID: LCSW	Batch ID: E22VW094	I esti	lo: EPA 8015 E	3		Analysis Da	te: 8/18/20	22	SeqNo: 478	6552	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	1.088	0.050	1.000	0	109	69	143				
Surr: Chlorobenzene - d5	51.519		50.00		103	69	130				
Sample ID: E220818MB	SampType: MBLK	TestCod	de: 8015GAS _	WU Units: mg/L		Prep Da	te:		RunNo: 164	958	
Client ID: PBW	Batch ID: E22VW094	TestN	lo: EPA 8015 E	3		Analysis Da	te: 8/18/20	22	SeqNo: 478	6553	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	0.050									
Surr: Chlorobenzene - d5	49.107		50.00		98.2	69	130				
Sample ID: N052158-001BMS	SampType: MS	TestCod	de: 8015GAS _	WU Units: mg/L		Prep Da	te:		RunNo: 164	958	
Sample ID: N052158-001BMS Client ID: ZZZZZ	SampType: MS Batch ID: E22VW094		de: 8015GAS_ No: EPA 8015 E			Prep Da Analysis Da		22	RunNo: 164 SeqNo: 478		
•			lo: EPA 8015 E		%REC		te: 8/18/20	22 RPD Ref Val			Qual
Client ID: ZZZZZZ	Batch ID: E22VW094	TestN	lo: EPA 8015 E	3	%REC 98.3	Analysis Da	te: 8/18/20		SeqNo: 478	6556	Qual
Client ID: ZZZZZZ Analyte	Batch ID: E22VW094 Result	TestN PQL	No: EPA 8015 E	SPK Ref Val		Analysis Da	te: 8/18/20 HighLimit		SeqNo: 478	6556	Qual
Client ID: ZZZZZZ Analyte GRO	Batch ID: E22VW094 Result 0.983	PQL 0.050	SPK value 1.000 50.00	SPK Ref Val	98.3	Analysis Da LowLimit	HighLimit 156 130		SeqNo: 478	6556 RPDLimit	Qual
Client ID: ZZZZZZ Analyte GRO Surr: Chlorobenzene - d5	Batch ID: E22VW094 Result 0.983 49.129	PQL 0.050	SPK value 1.000 50.00	SPK Ref Val 0 WU Units: mg/L	98.3	Analysis Da LowLimit 49 69	HighLimit 156 130	RPD Ref Val	SeqNo: 478 %RPD	6556 RPDLimit	Qual
Client ID: ZZZZZZ Analyte GRO Surr: Chlorobenzene - d5 Sample ID: N052158-001BMSD	Result 0.983 49.129 SampType: MSD	PQL 0.050	SPK value 1.000 50.00 de: 8015GAS_ lo: EPA 8015E	SPK Ref Val 0 WU Units: mg/L	98.3	Analysis Da LowLimit 49 69 Prep Da	HighLimit 156 130 te: 8/18/20	RPD Ref Val	SeqNo: 478 %RPD RunNo: 164	6556 RPDLimit	
Client ID: ZZZZZZ Analyte GRO Surr: Chlorobenzene - d5 Sample ID: N052158-001BMSD Client ID: ZZZZZZ	Result 0.983 49.129 SampType: MSD Batch ID: E22VW094	PQL 0.050 TestCoo	SPK value 1.000 50.00 de: 8015GAS_ lo: EPA 8015E	SPK Ref Val 0 WU Units: mg/L	98.3 98.3	Analysis Da LowLimit 49 69 Prep Da Analysis Da	HighLimit 156 130 te: 8/18/20	RPD Ref Val	SeqNo: 478 %RPD RunNo: 164 SeqNo: 478	958 6557	

Qualifiers:

CLIENT:

Work Order:

Eurofins

N052158

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

Value above quantitation range

CALIFORNIA | P:562.219.7435 F:562.219.7436

RPD outside accepted recovery limits

Calculations are based on raw values

ASSET LABORATORIES 11110 Artesia Blvd., Ste B, Cerritos, CA 90703 ELAP Cert 2921 "Serving Clients with Passion and Professionalism" **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

RECEIVED BY:

CHAIN OF CUSTODY RECORD

Eaton Analytical EUROFINS EATON ANALYTICAL USE ONLY: LOGIN COMMENTS: SAMPLES CHECKED AGAINST COC BY: 750 Royal Oaks Drive, Suite 100 **SAMPLES LOGGED IN BY:** Monrovia, CA 91016-3629 SAMPLES REC'D DAY OF COLLECTION? (check for yes) **SAMPLE TEMP RECEIVED AT:** Phone: 626 386 1100 $4 \cdot 8$ °C (Compliance: 4 ± 2 °C) Colton / No. California / Arizona FEDEX #3882 Fax: 626 386 1101 °C (Compliance: 4 ± 2 °C) Monrovia 800 566 LABS (800 566 5227) CONDITION OF BLUE ICE: Frozen ____ Partially Frozen ____ Thawed ____ Wet Ice ___ No Ice ____ \$\mathcal{D}\$ Website: www.EatonAnalytical.com METHOD OF SHIPMENT: Pick-Up / Walk-In / FedEx / UPS / DHL / Area Fast / Top Line / Other: (check for yes) (check for yes) TO BE COMPLETED BY SAMPLER: COMPANY/AGENCY NAME: PROJECT CODE: COMPLIANCE SAMPLES NON-COMPLIANCE SAMPLES - Requires state forms REGULATION INVOLVED: Honolulu Board of Water Supply **RED HILL** Type of samples (circle one): ROUTINE SPECIAL CONFIRMATION (eg. SDWA, Phase V, NPDES, FDA,...) **EEA CLIENT CODE:** COC ID: SAMPLE GROUP: SEE ATTACHED BOTTLE ORDER FOR ANALYSES (check for yes), OR HONOLULU MW - INTERA Albuquerque + ist ANALYSES REQUIRED (enter number of bottles sent for each test for each sample TAT requested: rush by adv notice only: RUSH STD __ 1 wk __ 3 day __X 2 day 1 day TPH 8015 Diesel and Motor Oil Ship to: Asset Laboratories 3151 West Post Road Las Vegas NV 89118 Gas Travel Blank SAMPLE DATE 702-307-2659 SAMPLER TELD DATA TELD DATA Attn: Marlon Cartin COMMENTS SAMPLE ID **CLIENT LAB ID** marlon@assetlaboratories.com 8015 Gas Bill and Report to EEA-Monvovia リなる N052158-01 kit# 318250 BWS2253-J1-AQ **RGW** -02 BWS2253-J1-TB BW 2 Provided by EEA [Bottle Size] * MATRIX TYPES: RSW = Raw Surface Water **CFW** = Chlor(am)inated Finished Water SEAW = Sea Water BW = Bottled Water SO = Soil O = Other - Please Identify FW = Other Finished Water RGW = Raw Ground Water WW = Waste Water SW = Storm Water SL = Sludge **SIGNATURE** PRINT NAME COMPANY/TITLE SAMPLED BY: Kevin Fong/Justin Barnes/Scott Laiv The Limtiaco Consulting Group 8(16)22 to AM RELINQUISHED BY: Kevin Fong/Justin Barnes/Scott Lai-The Limtiaco Consulting Group RECEIVED BY: 10 40 RELINQUISHED BY:

Page 23 of 29

PAGE __1__OF 9/3/2022

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.

Ji iuitiiei ii	istruction, piea	se contact our	Project Coor	dinator at (70.	2) 307-2659.		
8/17/2022				Workorder:	N052158		
4.8				IR Gun ID:	3		
Yes	✓ No						
FedEx							
3882			Packing	g Material Used:	Bubble Wrap		
✓ Ice	☐ Ice Pack	☐ Dry Ice	Other	☐ None			
	<u>s</u>	ample Recei	pt Checklis	<u>t</u>			
good conditio	n?			Yes 🗹	No 🗌	Not Present	
dated on shi	ppping container	cooler?		Yes	No 🗌	Not Present	✓
ole bottles?				Yes	No 🗌	Not Present	✓
				Yes 🔽	No 🗆		
OC?				Yes 🗸	No 🗌		
n relinquishe	d and received?			Yes 🗸	No 🗌		
sample labe	ls?			Yes 🗸	No 🗌		
bottle?				Yes 🗸	No 🗌		
				Yes 🗸	No 🗆		
r indicated te	est?			Yes 🗸	No 🗆		
holding time	?			Yes 🗹	No 🗌		
or Temp Bla	nk within accepta	ble limit?		Yes 🗸	No 🗌	NA	
o headspace	?			Yes 🗹	No 🗌	NA	
	or Metals			Yes	No 🗌	NA	✓
correct pres	servatives used?			Yes 🗹	No 🗆	NA	
	•			Yes Yes	No 🗌 No 🗆		
		8/17/2022				for: may	Bapins
	8/17/2022 4.8 Yes FedEx 3882 Ice good condition dated on shift ble bottles? COC? In relinquisher Is sample laber bottle? In indicated technolding time? or Temp Bla to headspace in receipt? N,S); pH<2 for the correct presence issues at	8/17/2022 4.8 Yes No FedEx 3882 Ice Ice Pack Segood condition? dated on shippping container/ pole bottles? COC? In relinquished and received? In sample labels? bottle? In indicated test? holding time? or Temp Blank within acceptation headspace?	8/17/2022 4.8 Yes No FedEx 3882 Ice Ice Pack Dry Ice Sample Recei good condition? dated on shippping container/cooler? ole bottles? COC? on relinquished and received? or sample labels? bottle? or indicated test? holding time? or Temp Blank within acceptable limit? or headspace? or receipt? N,S); pH<2 for Metals or correct preservatives used? or ce issues at login?	8/17/2022 4.8 Yes No FedEx 3882 Packing Pice Ice Pack Dry Ice Other Sample Receipt Checklis good condition? dated on shippping container/cooler? ble bottles? COC? In relinquished and received? Is sample labels? bottle? or indicated test? holding time? or Temp Blank within acceptable limit? o headspace? In receipt? N,S); pH<2 for Metals or correct preservatives used? Ince issues at login?	8/17/2022 Workorder: 4.8 IR Gun ID: Yes No FedEx 3882 Packing Material Used: Sample Receipt Checklist good condition? Yes dated on shippping container/cooler? Yes ole bottles? Yes on relinquished and received? Yes on relinquished and received? Yes on rindicated test? Yes on rindicated test? Yes on remp Blank within acceptable limit? Yes on headspace? Yes on receipt? Yes on recei	A.8	8/17/2022

Reviewed By: MBC 8/25/2022

ASSET Laboratories

25-Aug-22 **WORK ORDER Summary**

WorkOrder: N052158

Client ID: EUROF01

Project: QC Level: RTNE **Date Received:** 8/17/2022 10:40 AM INTERA-Red-Hill-Incident, 38000861

MRL only **Comments:**

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld MS Sub Storag
N052158-001A	BWS2253-J1-AQ (380-183	30- 8/16/2022 10:00:00 AM	8/19/2022	Raw Groundwater	EPA 3510C	SEPARATORY FUNNEL EXTRACTION: EXTRACTABLE FUELS	U WW
			8/19/2022		EPA 8015B(M)	TPH Carbon Chain EPA 8015	□ □ WW
N052158-001B			8/19/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	U VW
N052158-002A	BWS2253-J1-TB (380-1833 2)	30-	8/19/2022	Bottled Water	EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	U U VW
N052158-003A	FOLDER	8/19/2022	8/19/2022		Folder	Folder	LAB
			8/19/2022		Folder	Folder	LAB

Page 1 of 1

Page 25 of 29 9/3/2022

TRK# 2768 6569 3882

WR LASA

WED - 17 AUG 10:30A PRIORITY OVERNIGHT DSR AHS 89118 NV-US LAS



4.8c

Page 26 of 29 9/3/2022

9

4

6

<u>'</u>

9

11

4 4

		Catoli Aliaiyuca	EUROFINS EATON ANALYTICAL USE ONLY:	NANALYT	CAL US	ONLY:									
			LOGIN COMMENTS	:NTS:						S	SAMPLES CHECKED AGAINST COC BY:	ED AGAINS			
75	2 Royal	750 Royal Oaks Drive, Suite 100 Monroda CA 04046-3620		ļ							SAN	SAMPLES LOGGED IN BY:	ED IN BY:		
2	III OYIA,	6400-010 CO	SAMPLE TEMP RECEIVED AT:	RECEIVE	AT:		•				SAMPLES REC'D DAY OF COLLECTION?	DAY OF COI	_LECTION?	(check for yes)	for yes)
Ę Ę	one; 62(<: 626 3;	Phone; 626 386 1100 Fax: 626 386 1101	Colton / No. California / Arizona	California /	Arizona	·	g . B) (Co	°C (Compliance: 4 ± 2 °C)	4±2°C		FEVEX # 3882	2885		
	000	A DE (000 EGE 5007)	Monrovia					ပ် ()	°C (Compliance: 4 ± 2 °C)	4 ± 2 °C					
ž	7 200 C	800 388 LABS (800 388 3227)	CONDITION OF BLUE ICE: Frozen_	OF BLUE	CE: F	ozen	ш. 	Partially Frozen	-razen	-	Thawed	Wet Ice	So Ice		FC#
We	bsite: <u>w</u>	Website: www.EatonAnalytical.com	METHOD (DF SHIPM	ENT: Pi	ck-Up /	Walk-In	<u>(a</u>	Ä ně	/ 매	МЕТНОD OF SHIPMENT: Pick-Up / Walk-in / fedEx / UPS / DHL / Area Fast / Top Line / Other:	rop Line / Of	her:	***************************************	
TO BE	COMPLE	TO BE COMPLETED BY SAMPLER:								0)	ck for yes)			(check for yes)	es)
S S S	ANYIAG	COMPANY/AGENCY NAME:	PROJECT CODE:	DE:			-	COMP	COMPLIANCE SAMPLES	SAMPLE		NON-COMPLIANCE SAMPLES	NCE SAMPL	X	
	:			ב ב ב	-			DZ.	- Requires state forms	tate form		REGULATION INVOLVED:	NVOLVED:		
	Ī	Honolulu Board of Water Supply		KED H	,		<u>F</u>	e of sarr	ples (cir	(e one):	Type of samples (circle one): ROUTINE SPECIAL CONFIRMATION (eg. SDWA, Phase V. NPDES, FDA)	AL CONFIRMA	FION (eg. SDWA,	Phase V, NPDE	S, FDA,)
EEA C	EEA CLIENT CODE:	COC ID:	SAMPLE GROUP:	JUP:			SE	E ATT	4CHED	вотт	SEE ATTACHED BOTTLE ORDER FOR ANALYSES	OR ANALYS		(check for yes), OR	8
	ŇOH	HONOFILE	MW -	MW - INTERA Albuquerque +	buquerqu	le +	list,	ANALYS	SES REC	UIRED (ist ANALYSES REQUIRED (enter number of bottles sent for each test for each sample	f bottles sen	for each te	st for each	sample
TAT re	quested:	TAT requested: rush by adv notice only: RUSH	STD_ 1 wk	3 day _X_	2 day_	_ 1 day_	110					l I L L tories	-		
							Motor	ηķ		315 Las	3151 West Post Road Las Vegas NV 89118				
atad alqi	amit alga	SAMPLE ID	CLIENT LAB ID	Ō	* XIRTAM	TELD DATA	bns leseid	nsl& levs1T		Attn mar	702-307-2659 Attn: Marlon Cartin marlon@assetlaboratories.com	ries.com	O	SAMPLER COMMENTS	ر د
NAS)AS							\$ Caş	889 <u>0</u>	<u>=</u>	Bill and Report to EEA-Monvovia	EEA-Monv	<u>ovia</u>		
							чат	ヿ	108	_			-		
3		N052158-01	BWS2253-J1-AQ		RGW		4	مد	4				Kit	318250	Q
3		-02	BWS2253-J1-TB	-TB	BW			2) 	ď	Provided by EEA	ΕĀ
												33			
							<u> </u>								
												; 3			
					-						380-183	380-18330 COC			
			[Bottle Size]	e]											
*	TRIX	* MATRIX TYPES: RSW = Raw Surface Water RGW = Raw Ground Water	CFW = FW = C	Chlor(am)inated Finished Water Ither Finished Water	l Finishe /ater	d Water	SE/	W = Se f = Wast	SEAW = Sea Water WW = Waste Water	BW =	BW = Bottled Water SW = Storm Water	SO = Soil SL = Sludge		O = Other - Please Identify	identify
		SIGNATURE			PRI	PRINT NAME				8	COMPANY/TITLE	-	DATE	ŀ	¥.
SAMPLED BY:	ED BY:	47 5		Kevin F	ong/ sus	Kevin Fong/ /sestin Barnes/Scott Lair	s/Scott		The Limfi	aco Con	The Limtiaco Consulting Group	0	<u>s</u>		D AM
RELING	RELINQUISHED BY:	10 - 10 - 14E	0.	Kevin F	sar/Buo	Kevin Fong/ Justin Barnes/Scott Lai	s/Scott		The Limti	aco Cons	The Limtiaco Consulting Group	8	47/91/	ટ્ર	Y
RECEIN	RECEIVED BY:	Piten Penepo	Sol sol									0	17/27	9)	2
RELINC	RELINQUISHED BY	JA: /	Q,												
RECEIN	RECEIVED BY:													- ;	

CHAIN OF CUSTODY RECORD

eurofins 🚓



TRK# 2768 6569 3882

WR LASA

WED - 17 AUG 10:30A PRIORITY OVERNIGHT DSR AHS 89118 NV-US LAS



4.8c

Page 28 of 29 9/3/2022

4

3

6

6

9

10

12

13

14

Login Sample Receipt Checklist

Client: City & County of Honolulu Job Number: 380-18330-1

Login Number: 18330 List Source: Eurofins Eaton Monrovia

List Number: 1

Creator: Ngo, Theodore

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Samples do not require splitting or compositing.	True	
Container provided by EEA	True	

3

Л

6

8

10

4.6

13