

## ANALYTICAL REPORT

Eurofins Eaton Monrovia  
750 Royal Oaks Drive  
Suite 100  
Monrovia, CA 91016  
Tel: (626)386-1100

Laboratory Job ID: 380-8101-1

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



*Authorized for release by:*

9/8/2022 3:23:53 PM

John Cady, Senior Project Manager  
(832)763-8082

[John.Cady@et.eurofinsus.com](mailto:John.Cady@et.eurofinsus.com)

Designee for

Debbie Frank, Project Manager  
(626)386-1100

[Debbie.Frank@et.eurofinsus.com](mailto:Debbie.Frank@et.eurofinsus.com)

### LINKS

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results through



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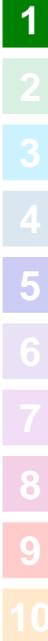
Results relate only to the items tested and the sample(s) as received by the laboratory.

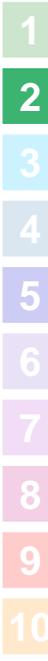
1. Laboratory is accredited in accordance with TNI 2016 Standards and ISO/IEC 17025:2017.
2. Laboratory certifies that the test results meet all TNI 2016 and ISO/IEC 17025:2017 requirements unless noted under the individual analysis
3. Test results relate only to the sample(s) tested.
4. This report 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)



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John Cady  
Senior Project Manager  
9/8/2022 3:23:53 PM





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## Definitions/Glossary

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

Job ID: 380-8101-1

### 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"
MDA	Minimum Detectable Activity (Radiochemistry)
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)
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

# Case Narrative

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

Job ID: 380-8101-1

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## Job ID: 380-8101-1

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Laboratory: Eurofins Eaton Monrovia

### Narrative

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#### Job Narrative 380-8101-1

### Comments

No additional comments.

### Receipt

The samples were received on 7/6/2022 9:30 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 4.1° 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: 380-8101-1

**Client Sample ID: BWS2253-J1-AQ**

**Lab Sample ID: 380-8101-1**

No Detections.

**Client Sample ID: BWS2253-J1-TB**

**Lab Sample ID: 380-8101-2**

No Detections.

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This Detection Summary does not include radiochemical test results.

Eurofins Eaton Monrovia

# Method Summary

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

Job ID: 380-8101-1

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



# Sample Summary

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

Job ID: 380-8101-1

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received
380-8101-1	BWS2253-J1-AQ	Drinking Water	07/05/22 08:45	07/06/22 09:30
380-8101-2	BWS2253-J1-TB	Drinking Water	07/05/22 08:45	07/06/22 09:30

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July 11, 2022

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

Workorder No.: N051489

RE: INTERA-Red-Hill-Incident, 38000861

Attention: Debbie Frank

Enclosed are the results for sample(s) received on July 06, 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.

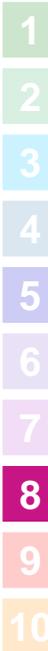


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**ASSET Laboratories**

**Date:** 11-Jul-22

**CLIENT:** Eurofins  
**Project:** INTERA-Red-Hill-Incident, 38000861  
**Lab Order:** N051489

**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.



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**ASSET Laboratories**

Date: 11-Jul-22

**CLIENT:** Eurofins  
**Project:** INTERA-Red-Hill-Incident, 38000861  
**Lab Order:** N051489  
**Contract No:**

**Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N051489-001A	BWS2253-J1-AQ (380-8101- Raw Ground Water 1)		7/5/2022 8:45:00 AM	7/6/2022	7/11/2022
N051489-001B	BWS2253-J1-AQ (380-8101- Raw Ground Water 1)		7/5/2022 8:45:00 AM	7/6/2022	7/11/2022
N051489-002A	BWS2253-J1-TB (380-8101- Bottled Water 2)		7/5/2022 8:45:00 AM	7/6/2022	7/11/2022



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**ASSET Laboratories**

**ANALYTICAL RESULTS**

Print Date: 11-Jul-22

**CLIENT:** Eurofins **Client Sample ID:** BWS2253-J1-AQ (380-8101-1)  
**Lab Order:** N051489 **Collection Date:** 7/5/2022 8:45:00 AM  
**Project:** INTERA-Red-Hill-Incident, 38000861 **Matrix:** RAW GROUND WATER  
**Lab ID:** N051489-001

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-GC3_220708A	QC Batch: 93656				PrepDate: 7/7/2022	Analyst: <b>MCC</b>
Diesel Range Organics (C10-C28)	ND	50		ug/L	1	7/8/2022 03:27 PM
Oil Range Organics (C28-C40)	ND	50		ug/L	1	7/8/2022 03:27 PM
Surr: p-Terphenyl	70.8	33-138		%REC	1	7/8/2022 03:27 PM
<b>GASOLINE RANGE ORGANICS BY GC/FID</b>						
			<b>EPA 8015B</b>			
RunID: NV00922-GC4_220706A	QC Batch: E22VW077				PrepDate:	Analyst: <b>CA</b>
GRO	ND	0.050		mg/L	1	7/6/2022 03:05 PM
Surr: Chlorobenzene - d5	103	69-130		%REC	1	7/6/2022 03:05 PM

**Qualifiers:** 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: 11-Jul-22

**CLIENT:** Eurofins **Client Sample ID:** BWS2253-J1-TB (380-8101-2)  
**Lab Order:** N051489 **Collection Date:** 7/5/2022 8:45:00 AM  
**Project:** INTERA-Red-Hill-Incident, 38000861 **Matrix:** BOTTLED WATER  
**Lab ID:** N051489-002

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

**GASOLINE RANGE ORGANICS BY GC/FID**

**EPA 8015B**

RunID: NV00922-GC4\_220706A QC Batch: E22VW077 PrepDate: Analyst: **CA**  
 GRO ND 0.050 mg/L 1 7/6/2022 02:34 PM  
 Surr: Chlorobenzene - d5 93.4 69-130 %REC 1 7/6/2022 02:34 PM

**Qualifiers:** 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:** N051489  
**Project:** INTERA-Red-Hill-Incident, 38000861

**ANALYTICAL QC SUMMARY REPORT**

**TestCode: 8015DM\_W\_CC**

Sample ID: <b>MB-93656</b>	SampType: <b>MBLK</b>	TestCode: <b>8015DM_W_C</b>	Units: <b>ug/L</b>	Prep Date: <b>7/7/2022</b>	RunNo: <b>163782</b>						
Client ID: <b>PBW</b>	Batch ID: <b>93656</b>	TestNo: <b>EPA 8015B(M EPA 3510C</b>		Analysis Date: <b>7/8/2022</b>	SeqNo: <b>4715391</b>						
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	66.123		80.00		82.7	33	138				

Sample ID: <b>LCS-93656</b>	SampType: <b>LCS</b>	TestCode: <b>8015DM_W_C</b>	Units: <b>ug/L</b>	Prep Date: <b>7/7/2022</b>	RunNo: <b>163782</b>						
Client ID: <b>LCSW</b>	Batch ID: <b>93656</b>	TestNo: <b>EPA 8015B(M EPA 3510C</b>		Analysis Date: <b>7/8/2022</b>	SeqNo: <b>4715392</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel Range Organics (C10-C28)	723.647	50	1000	0	72.4	48	120				
Surr: p-Terphenyl	63.255		80.00		79.1	33	138				

Sample ID: <b>N051489-001A-MS</b>	SampType: <b>MS</b>	TestCode: <b>8015DM_W_C</b>	Units: <b>ug/L</b>	Prep Date: <b>7/7/2022</b>	RunNo: <b>163782</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>93656</b>	TestNo: <b>EPA 8015B(M EPA 3510C</b>		Analysis Date: <b>7/8/2022</b>	SeqNo: <b>4715394</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel Range Organics (C10-C28)	681.442	50	1000	0	68.1	48	120				
Surr: p-Terphenyl	61.856		80.00		77.3	33	138				

Sample ID: <b>N051489-001A-MSD</b>	SampType: <b>MSD</b>	TestCode: <b>8015DM_W_C</b>	Units: <b>ug/L</b>	Prep Date: <b>7/7/2022</b>	RunNo: <b>163782</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>93656</b>	TestNo: <b>EPA 8015B(M EPA 3510C</b>		Analysis Date: <b>7/8/2022</b>	SeqNo: <b>4715395</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel Range Organics (C10-C28)	613.663	50	1000	0	61.4	48	120	681.4	10.5	20	
Surr: p-Terphenyl	57.544		80.00		71.9	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
- 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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**CLIENT:** Eurofins  
**Work Order:** N051489  
**Project:** INTERA-Red-Hill-Incident, 38000861

**ANALYTICAL QC SUMMARY REPORT**

**TestCode: 8015GAS\_WP**

Sample ID: <b>E220706LCS</b>	SampType: <b>LCS</b>	TestCode: <b>8015GAS_WP</b>	Units: <b>mg/L</b>	Prep Date:	RunNo: <b>163704</b>						
Client ID: <b>LCSW</b>	Batch ID: <b>E22VW077</b>	TestNo: <b>EPA 8015B</b>		Analysis Date: <b>7/6/2022</b>	SeqNo: <b>4709241</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.988	0.050	1.000	0	98.8	69	143				
Surr: Chlorobenzene - d5	49.506		50.00		99.0	69	130				

Sample ID: <b>E220706MB</b>	SampType: <b>MBLK</b>	TestCode: <b>8015GAS_WP</b>	Units: <b>mg/L</b>	Prep Date:	RunNo: <b>163704</b>						
Client ID: <b>PBW</b>	Batch ID: <b>E22VW077</b>	TestNo: <b>EPA 8015B</b>		Analysis Date: <b>7/6/2022</b>	SeqNo: <b>4709242</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	0.050									
Surr: Chlorobenzene - d5	51.546		50.00		103	69	130				

Sample ID: <b>N051480-003AMS</b>	SampType: <b>MS</b>	TestCode: <b>8015GAS_WP</b>	Units: <b>mg/L</b>	Prep Date:	RunNo: <b>163704</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>E22VW077</b>	TestNo: <b>EPA 8015B</b>		Analysis Date: <b>7/6/2022</b>	SeqNo: <b>4709245</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	2.514	0.10	2.000	0.6080	95.3	49	156				
Surr: Chlorobenzene - d5	101.314		100.0		101	69	130				

Sample ID: <b>N051480-003AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>8015GAS_WP</b>	Units: <b>mg/L</b>	Prep Date:	RunNo: <b>163704</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>E22VW077</b>	TestNo: <b>EPA 8015B</b>		Analysis Date: <b>7/6/2022</b>	SeqNo: <b>4709246</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	2.942	0.10	2.000	0.6080	117	49	156	2.514	15.7	20	
Surr: Chlorobenzene - d5	106.986		100.0		107	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
- 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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**CLIENT:** Eurofins  
**Work Order:** N051489  
**Project:** INTERA-Red-Hill-Incident, 38000861

**ANALYTICAL QC SUMMARY REPORT**

**TestCode: 8015GAS\_WU**

Sample ID: <b>E220706LCS</b>	SampType: <b>LCS</b>	TestCode: <b>8015GAS_WU</b>	Units: <b>mg/L</b>	Prep Date:	RunNo: <b>163704</b>						
Client ID: <b>LCSW</b>	Batch ID: <b>E22VW077</b>	TestNo: <b>EPA 8015B</b>	Analysis Date: <b>7/6/2022</b>	SeqNo: <b>4709227</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.988	0.050	1.000	0	98.8	69	143				
Surr: Chlorobenzene - d5	49.506		50.00		99.0	69	130				

Sample ID: <b>E220706MB</b>	SampType: <b>MBLK</b>	TestCode: <b>8015GAS_WU</b>	Units: <b>mg/L</b>	Prep Date:	RunNo: <b>163704</b>						
Client ID: <b>PBW</b>	Batch ID: <b>E22VW077</b>	TestNo: <b>EPA 8015B</b>	Analysis Date: <b>7/6/2022</b>	SeqNo: <b>4709228</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	0.050									
Surr: Chlorobenzene - d5	51.546		50.00		103	69	130				

Sample ID: <b>N051480-003AMS</b>	SampType: <b>MS</b>	TestCode: <b>8015GAS_WU</b>	Units: <b>mg/L</b>	Prep Date:	RunNo: <b>163704</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>E22VW077</b>	TestNo: <b>EPA 8015B</b>	Analysis Date: <b>7/6/2022</b>	SeqNo: <b>4709231</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	2.514	0.10	2.000	0.6080	95.3	49	156				
Surr: Chlorobenzene - d5	101.314		100.0		101	69	130				

Sample ID: <b>N051480-003AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>8015GAS_WU</b>	Units: <b>mg/L</b>	Prep Date:	RunNo: <b>163704</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>E22VW077</b>	TestNo: <b>EPA 8015B</b>	Analysis Date: <b>7/6/2022</b>	SeqNo: <b>4709232</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	2.942	0.10	2.000	0.6080	117	49	156	2.514	15.7	20	
Surr: Chlorobenzene - d5	106.986		100.0		107	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
- 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  
 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



# 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: 7/6/2022 Workorder: N051489  
 Rep sample Temp (Deg C): 4.1 IR Gun ID: 3  
 Temp Blank:  Yes  No  
 Carrier name: FedEx  
 Last 4 digits of Tracking No.: 6312 Packing Material Used: Bubble Wrap  
 Cooling process:  Ice  Ice Pack  Dry Ice  Other  None

## Sample Receipt Checklist

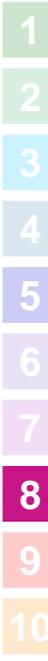
- |   |  |  |  |
|---|--|--|--|
| 1. Shipping container/cooler in good condition?   | Yes <input checked="" type="checkbox"/>                      | No <input type="checkbox"/>                                | Not Present <input type="checkbox"/>   |
| 2. Custody seals intact, signed, dated on shipping 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 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 type="checkbox"/><br>Yes <input type="checkbox"/> | No <input type="checkbox"/><br>No <input type="checkbox"/> | NA <input checked="" type="checkbox"/><br>NA <input checked="" type="checkbox"/> |

Comments: 

Sample 2: Same collection date and time of the associated field sample (sample 1).

Checklist Completed By: YR YRJ 7/6/2022

For: 7/11/2022  
 Reviewed By: MBC



**ASSET Laboratories**

**WORK ORDER Summary**

11-Jul-22

**WorkOrder:** N051489

**Client ID:** EUROF01

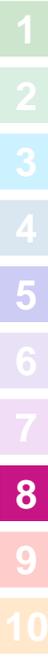
**Project:** INTERA-Red-Hill-Incident, 38000861

**QC Level:** RTNE

**Date Received:** 7/6/2022

**Comments:** MRL only

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N051489-001A	BWS2253-J1-AQ (380-8101-1 \	7/5/2022 8:45:00 AM	7/8/2022	Raw Ground Water	EPA 3510C	SEPARATORY FUNNEL EXTRACTION: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
			7/8/2022		EPA 8015B(M)	TPH Carbon Chain EPA 8015	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WW
N051489-001B			7/8/2022		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N051489-002A	BWS2253-J1-TB (380-8101-2 \		7/8/2022	Bottled Water	EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VW
N051489-003A	FOLDER	7/8/2022	7/8/2022		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			7/8/2022		Folder	Folder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	







- 1
- 2
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- 8
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- 10

ORIGIN ID: HMLA (808) 382-6853  
 KEVIN GOODING  
 INTERA INC  
 74 KIHAPAI STREET  
 KAILUA, HI 96734  
 UNITED STATES US

SHIP DATE: 05JUL22  
 ACTWGT: 43.35 LB  
 CAD: 6994243/55FE2321  
 DIMS: 23x13x13 IN  
 BILL THIRD PARTY

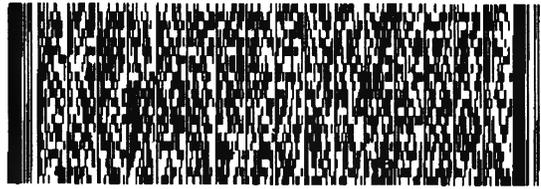
Part # 158297-209 APPROX 25% 06/23

TO **MARLON CARTIN, SR PROJECT MANG.**  
**ASSET LABORATORIES, SAMPLE RECEIVING**  
**3151 WEST POST RD**

**LAS VEGAS NV 89118**

(702) 307-2058 REF: BMRHI.C008.REDHILL  
 INU: DEPT:

NO POSTAGE NECESSARY IF MAILED IN THE UNITED STATES



**WED - 06 JUL 10:30A**  
**PRIORITY OVERNIGHT**

TRK# 2751 5534 6312  
 0201

**WR LASA**

AHS  
 89118  
 NV-US LAS



**E**  
 8312  
 7.06

*4.1c in #3*

## Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-8101-1

**Login Number: 8101**

**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	