ANALYTICAL REPORT

PREPARED FOR

Attn: Terri Choy AECOM 1001 Bishop Street Honolulu, Hawaii 96813

Generated 1/20/2023 10:50:28 AM

JOB DESCRIPTION

Red Hill - AFFF Assessment Sampling

JOB NUMBER

580-121801-1

Eurofins Seattle 5755 8th Street East Tacoma WA 98424



Eurofins Seattle

Job Notes

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The data in the report relate to the field sample(s) as received by the laboratory and associated QC. All results have been reviewed and have been found to be compliant with laboratory and accreditation requirements, with the exception of the noted deviation(s). For questions, please contact the Project Manager.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

Authorization

M. Elaine Walker

Generated 1/20/2023 10:50:28 AM

Authorized for release by Marie Walker, Senior Project Manager M.Elaine.Walker@et.eurofinsus.com (253)248-4972 _

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Client: AECOM

Laboratory Job ID: 580-121801-1

Project/Site: Red Hill - AFFF Assessment Sampling

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Case Narrative

Client: AECOM Job ID: 580-121801-1

Project/Site: Red Hill - AFFF Assessment Sampling

Job ID: 580-121801-1

Laboratory: Eurofins Seattle

Narrative

CASE NARRATIVE Client: AECOM

Project: Red Hill - AFFF Assessment Sampling Report Number: 580-121801-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) resulting from a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are an unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes within the calibration range of the instrument or that reduces the interferences thereby enabling the quantification of target analytes.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

Thirteen samples were received on 1/3/2023 11:30 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 6.5° C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

GLYCOLS

Samples AF-RHMW225401-WGN01B-2212W4 (580-121801-1), AF-RHMW06-WGN01LF-2212W4 (580-121801-2), AF-RHMW02-WGN01LF-2212W4 (580-121801-3), AF-RHMW10-WGN01LF-2212W4 (580-121801-4), AF-RHMW10-WGFD01LF-2212W4 (580-121801-5), AF-RHMW04-WGN01LF-2212W4 (580-121801-6), AF-RHMW17D-WGN01LF-2212W4 (580-121801-7), AF-RHMW17D-WQEB01-2212W4 (580-121801-8), AF-HDMW225303-WGN01LF-2212W4 (580-121801-9), AF-RHMW17-WGN01LF-2212W4 (580-121801-10), AF-RHMW12A-WGN01LF-2212W4 (580-121801-11), AF-RHMW16-WGN01LF-2212W4 (580-121801-12) and AF-RHMW03-WGN01LF-2212W4 (580-121801-13) were analyzed for glycols in accordance with EPA SW-846 Method 8015B - DAI. The samples were analyzed on 01/12/2023.

The following sample was received by the analytical department with less than 2 days remaining on the holding time remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: AF-RHMW02-WGN01LF-2212W4 (580-121801-3), AF-RHMW10-WGN01LF-2212W4 (580-121801-4), AF-RHMW10-WGFD01LF-2212W4 (580-121801-5), AF-RHMW17D-WGB01LF-2212W4 (580-121801-7), AF-RHMW17D-WQEB01-2212W4 (580-121801-8), AF-HDMW225303-WGN01LF-2212W4 (580-121801-9), AF-RHMW17-WGN01LF-2212W4 (580-121801-10), AF-RHMW12A-WGN01LF-2212W4 (580-121801-11), AF-RHMW16-WGN01LF-2212W4 (580-121801-12), and AF-RHMW03-WGN01LF-2212W4 (580-121801-13).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

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Definitions/Glossary

Client: AECOM Job ID: 580-121801-1

Project/Site: Red Hill - AFFF Assessment Sampling

Qualifiers

Qualifier

GC Semi VOA

H Sample was prepped or analyzed beyond the specified holding time

M Manual integrated compound.
U Undetected at the Limit of Detection.

Qualifier Description

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
n	Listed under the "D" column to designate that the result is reported on a dry weight basis

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

Eurofins Seattle

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Client: AECOM Job ID: 580-121801-1

Project/Site: Red Hill - AFFF Assessment Sampling

Client Sample ID: AF-RHMW225401-WGN01B-2212W4 Lab Sample ID: 580-121801-1

Date Collected: 12/29/22 11:25 Matrix: Water

Date Received: 01/04/23 11:42

Method: SW846 8015C GLY - Glycols- Direct Injection (GC/FID)										
	Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
	2-(2-Butoxyethoxy)ethanol	3.0	U M	5.0	1.1	ma/L			01/12/23 03:38	1

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Client: AECOM Job ID: 580-121801-1

Project/Site: Red Hill - AFFF Assessment Sampling

Client Sample ID: AF-RHMW06-WGN01LF-2212W4 Lab Sample ID: 580-121801-2

Date Collected: 12/29/22 11:40 Matrix: Water

Date Received: 01/04/23 11:42

Method: SW846 8015C GLY - Glycols- Direct Injection (GC/FID)									
Analyte	Result (Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
2-(2-Butoxyethoxy)ethanol	3.0	U M	5.0	1.1	mg/L			01/12/23 02:05	1

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Client: AECOM Job ID: 580-121801-1

Project/Site: Red Hill - AFFF Assessment Sampling

Client Sample ID: AF-RHMW02-WGN01LF-2212W4 Lab Sample ID: 580-121801-3

Date Collected: 12/27/22 11:45 Matrix: Water

Date Received: 01/04/23 11:42

Method: SW846 8015C GLY - 0	Slycols- Direct Injection					
Analyte	Result Qualifier	LOQ	DL Unit	D	Prepared	Analyzed

2-(2-Butoxyethoxy)ethanol 3.0 U H M 5.0 1.1 mg/L 01/12/23 02:51 1

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Dil Fac

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Client: AECOM Job ID: 580-121801-1

Project/Site: Red Hill - AFFF Assessment Sampling

Client Sample ID: AF-RHMW10-WGN01LF-2212W4 Lab Sample ID: 580-121801-4

Date Collected: 12/27/22 14:50 Matrix: Water

Date Received: 01/04/23 11:42

Analyte		Qualifier	LOQ	DL Unit	D	Prepared	Analyzed	Dil Fac
2-(2-Butoxyethoxy)ethanol	3.0 [IHM	5.0	1.1 mg/l			01/12/23 03:15	

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Client: AECOM Job ID: 580-121801-1

Project/Site: Red Hill - AFFF Assessment Sampling

Client Sample ID: AF-RHMW10-WGFD01LF-2212W4 Lab Sample ID: 580-121801-5

Date Collected: 12/27/22 14:50 Matrix: Water

Date Received: 01/04/23 11:42

Analyte	Result Qualifier	LOQ	DL Unit	D	Prepared	Analyzed	Dil Fac
2-(2-Butoxyethoxy)ethanol	30 IIH	5.0	1.1 mg/l			01/12/23 06:20	

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Client: AECOM Job ID: 580-121801-1

Project/Site: Red Hill - AFFF Assessment Sampling

Client Sample ID: AF-RHMW04-WGN01LF-2212W4 Lab Sample ID: 580-121801-6

Date Collected: 12/29/22 10:40 Matrix: Water

Date Received: 01/04/23 11:42

Method: SW846 8015C GLY	- Glycols- Direct Injection	(GC/FID)	

Analyte	Result Qualifier	LOQ	DL Unit	D	Prepared	Analyzed	Dil Fac
2-(2-Butoxvethoxv)ethanol	3.0 U M	5.0	1.1 mg/L			01/12/23 02:28	1

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Client: AECOM Job ID: 580-121801-1

Project/Site: Red Hill - AFFF Assessment Sampling

Client Sample ID: AF-RHMW17D-WGN01LF-2212W4 Lab Sample ID: 580-121801-7

Date Collected: 12/28/22 16:10 Matrix: Water

Date Received: 01/04/23 11:42

Analyte	Result Qualifier	LOQ	DL Unit	D	Prepared	Analyzed	Dil Fac
2-(2-Butoxyethoxy)ethanol	30 UH	5.0	1.1 mg/l			01/12/23 00:09	1

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Client: AECOM Job ID: 580-121801-1

Project/Site: Red Hill - AFFF Assessment Sampling

Client Sample ID: AF-RHMW17D-WQEB01-2212W4 Lab Sample ID: 580-121801-8

Date Collected: 12/28/22 17:15 Matrix: Water

Date Received: 01/04/23 11:42

Analyte	Result Qualifier	LOQ	DL Unit	D	Prepared	Analyzed	Dil Fac
2-(2-Butoxyethoxy)ethanol	30 UH	5.0	1.1 mg/l			01/12/23 00:32	1

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Client: AECOM Job ID: 580-121801-1

Project/Site: Red Hill - AFFF Assessment Sampling

Client Sample ID: AF-HDMW225303-WGN01LF-2212W4 Lab Sample ID: 580-121801-9

Date Collected: 12/27/22 11:10 Matrix: Water

Date Received: 01/04/23 11:42

Method: SW846 8015C GLY - Glycols- Direct Injection (GC/FID)								
	Analyte	Result Qualifier	LOQ	DL Unit	D	Prepared	Analyzed	Dil Fac
	2-(2-Butoxyethoxy)ethanol	3.0 UMH	5.0	1.1 mg/L			01/12/23 06:43	1

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Client: AECOM Job ID: 580-121801-1

Project/Site: Red Hill - AFFF Assessment Sampling

Client Sample ID: AF-RHMW17-WGN01LF-2212W4 Lab Sample ID: 580-121801-10

Date Collected: 12/28/22 15:10 Matrix: Water

Date Received: 01/04/23 11:42

Analyte	Result Qualifier	LOQ	DL Unit	D	Prepared	Analyzed	Dil Fac	
2-(2-Butoxyethoxy)ethanol	30 UHM	5.0	1.1 mg/l			01/12/23 00:55	1	

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Client: AECOM Job ID: 580-121801-1

Project/Site: Red Hill - AFFF Assessment Sampling

Client Sample ID: AF-RHMW12A-WGN01LF-2212W4 Lab Sample ID: 580-121801-11

Date Collected: 12/28/22 10:35 Matrix: Water

Date Received: 01/04/23 11:42

Method: SW846 80150	GLY - Glycols-	Direct Injection	(GC/FID)
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Analyte	Result Qualifier	LOQ	DL Unit	D	Prepared	Analyzed	Dil Fac
2-(2-Butoxyethoxy)ethanol	30 UHM	5.0	1.1 mg/l			01/12/23 01:18	1

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Client: AECOM Job ID: 580-121801-1

Project/Site: Red Hill - AFFF Assessment Sampling

Client Sample ID: AF-RHMW16-WGN01LF-2212W4 Lab Sample ID: 580-121801-12

Date Collected: 12/28/22 13:05

Matrix: Water

Date Received: 01/04/23 11:42

Analyte	Result Qualifier	LOQ	DL Unit	D	Prepared	Analyzed	Dil Fac
2-(2-Butoxyethoxy)ethanol	30 UHM	5.0	1.1 mg/l			01/12/23 01:42	1

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Client: AECOM Job ID: 580-121801-1

Project/Site: Red Hill - AFFF Assessment Sampling

Client Sample ID: AF-RHMW03-WGN01LF-2212W4 Lab Sample ID: 580-121801-13

Date Collected: 12/27/22 13:15

Matrix: Water

Date Received: 01/04/23 11:42

Analyte	Result Qualifier	LOQ	DL Unit	D	Prepared	Analyzed	Dil Fac
2-(2-Butoxyethoxy)ethanol	3.0 UMH	5.0	1.1 mg/L			01/12/23 07:07	

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Prep Type: Total/NA

Lab Sample ID: MB 680-758737/23 Client Sample ID: Method Blank

Matrix: Water

Client: AECOM

Analysis Batch: 758737

MB MB

Result Qualifier LOQ DL Unit Analyzed Dil Fac Analyte Prepared 2-(2-Butoxyethoxy)ethanol 3.0 U 5.0 1.1 mg/L 01/11/23 23:45

Lab Sample ID: LCS 680-758737/19 Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 758737

Spike LCS LCS %Rec Added Result Qualifier D %Rec Limits Unit 20.0 50 - 150 2-(2-Butoxyethoxy)ethanol 21.1 mg/L 105

Lab Sample ID: LCSD 680-758737/20 Client Sample ID: Lab Control Sample Dup Prep Type: Total/NA

Matrix: Water

Analysis Batch: 758737

Spike LCSD LCSD %Rec **RPD** Added Result Qualifier Limits Analyte Unit %Rec **RPD** Limit 2-(2-Butoxyethoxy)ethanol 20.0 18.6 93 mg/L

Lab Sample ID: 580-121801-1 MS Client Sample ID: AF-RHMW225401-WGN01B-2212W4 **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 758737

Spike MS MS %Rec Sample Sample Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits 2-(2-Butoxyethoxy)ethanol 3.0 U M 40.0 35.5 mg/L 50 - 150

Lab Sample ID: 580-121801-1 MSD Client Sample ID: AF-RHMW225401-WGN01B-2212W4 Prep Type: Total/NA

Matrix: Water

Analysis Batch: 758737

MSD MSD RPD Sample Sample Spike %Rec Result Qualifier Added Analyte Result Qualifier Unit %Rec Limits **RPD** Limit 2-(2-Butoxyethoxy)ethanol 3.0 U M 40.0 31.5 mg/L 50 - 150

Lab Sample ID: MB 680-758764/23 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 758764

MB MB

Result Qualifier LOQ DL Unit Dil Fac Analyte Prepared Analyzed mg/L 01/11/23 23:45 2-(2-Butoxyethoxy)ethanol 3.0 U 5.0 1.1

Lab Sample ID: LCS 680-758764/19 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 758764

Spike LCS LCS %Rec Added Result Qualifier Limits Unit %Rec 2-(2-Butoxyethoxy)ethanol 20.0 21 1 mg/L 105 50 - 150

Lab Sample ID: LCSD 680-758764/20 Client Sample ID: Lab Control Sample Dup Prep Type: Total/NA

Matrix: Water

Analysis Batch: 758764

Spike LCSD LCSD %Rec **RPD** Added Limits Analyte Result Qualifier Unit %Rec RPD Limit 2-(2-Butoxyethoxy)ethanol 20.0 18.6 mg/L 93 50 - 150

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Matrix: Water

Project/Site: Red Hill - AFFF Assessment Sampling

Client Sample ID: AF-RHMW225401-WGN01B-2212W4

Lab Sample ID: 580-121801-1

Date Collected: 12/29/22 11:25 Date Received: 01/04/23 11:42

Client: AECOM

Batch Dilution Ratch Batch Prepared Method **Number Analyst** or Analyzed **Prep Type** Type Run **Factor** Lab Total/NA 8015C GLY 758737 JCK EET SAV 01/12/23 03:38 Analysis

Client Sample ID: AF-RHMW06-WGN01LF-2212W4 Lab Sample ID: 580-121801-2

Date Collected: 12/29/22 11:40

Date Received: 01/04/23 11:42

Batch Batch Dilution Batch **Prepared Prep Type** Type Method Run **Factor Number Analyst** Lab or Analyzed Total/NA Analysis 8015C GLY 758737 JCK EET SAV 01/12/23 02:05

Client Sample ID: AF-RHMW02-WGN01LF-2212W4 Lab Sample ID: 580-121801-3

Date Collected: 12/27/22 11:45

Date Received: 01/04/23 11:42

Batch Batch Dilution Batch Prepared Method or Analyzed **Prep Type Factor Number Analyst** Type Run Lab 01/12/23 02:51 EET SAV Total/NA Analysis 8015C GLY 758737 JCK

Client Sample ID: AF-RHMW10-WGN01LF-2212W4 Lab Sample ID: 580-121801-4

Date Collected: 12/27/22 14:50

Date Received: 01/04/23 11:42

Batch Batch Dilution Batch Prepared **Prep Type** Method **Number Analyst** or Analyzed Type Run **Factor** Lab Total/NA Analysis 8015C GLY 758737 JCK EET SAV 01/12/23 03:15

Client Sample ID: AF-RHMW10-WGFD01LF-2212W4 Lab Sample ID: 580-121801-5

Date Collected: 12/27/22 14:50

Date Received: 01/04/23 11:42

Batch Batch Dilution Batch Prepared Method Number Analyst or Analyzed **Prep Type** Type Run Factor Lab 01/12/23 06:20 Total/NA Analysis 8015C GLY 758764 JCK **EET SAV**

Client Sample ID: AF-RHMW04-WGN01LF-2212W4 Lab Sample ID: 580-121801-6

Date Collected: 12/29/22 10:40

Date Received: 01/04/23 11:42

Batch Dilution Batch Ratch Prepared **Prep Type** Type Method Run Factor **Number Analyst** or Analyzed Lab EET SAV 01/12/23 02:28 Total/NA Analysis 8015C GLY 758737 JCK

Client Sample ID: AF-RHMW17D-WGN01LF-2212W4 Lab Sample ID: 580-121801-7

Date Collected: 12/28/22 16:10

Date Received: 01/04/23 11:42

Batch Batch Dilution Batch **Prepared** Method or Analyzed **Prep Type** Type Run **Factor Number Analyst** Lab 01/12/23 00:09 8015C GLY JCK EET SAV Total/NA Analysis 758737

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Project/Site: Red Hill - AFFF Assessment Sampling

Client Sample ID: AF-RHMW17D-WQEB01-2212W4

Date Collected: 12/28/22 17:15 Date Received: 01/04/23 11:42

Client: AECOM

Lab Sample ID: 580-121801-8

Matrix: Water

Batch Dilution Ratch Batch Prepared Method or Analyzed **Prep Type** Type Run **Factor Number Analyst** Lab Total/NA 8015C GLY EET SAV 01/12/23 00:32 Analysis 758737 JCK

Client Sample ID: AF-HDMW225303-WGN01LF-2212W4

Lab Sample ID: 580-121801-9

Matrix: Water

Date Collected: 12/27/22 11:10 Date Received: 01/04/23 11:42

Batch Batch Dilution Batch **Prepared** Number Analyst **Prep Type** Type Method Run **Factor** Lab or Analyzed 01/12/23 06:43 Total/NA Analysis 8015C GLY 758764 JCK EET SAV

Client Sample ID: AF-RHMW17-WGN01LF-2212W4 Lab Sample ID: 580-121801-10

Date Collected: 12/28/22 15:10 **Matrix: Water**

Date Received: 01/04/23 11:42

Batch Batch Dilution Batch Prepared or Analyzed **Prep Type** Method **Factor Number Analyst** Type Run Lab 01/12/23 00:55 EET SAV Total/NA Analysis 8015C GLY 758737 JCK

Client Sample ID: AF-RHMW12A-WGN01LF-2212W4 Lab Sample ID: 580-121801-11

Date Collected: 12/28/22 10:35 **Matrix: Water**

Date Received: 01/04/23 11:42

Batch Batch Dilution Batch Prepared **Prep Type** Method **Number Analyst** or Analyzed Type Run **Factor** Lab Analysis 8015C GLY 758737 JCK EET SAV 01/12/23 01:18 Total/NA

Client Sample ID: AF-RHMW16-WGN01LF-2212W4 Lab Sample ID: 580-121801-12

Date Collected: 12/28/22 13:05 **Matrix: Water**

Date Received: 01/04/23 11:42

Batch Batch Dilution Batch Prepared Method Number Analyst or Analyzed **Prep Type** Type Run **Factor** Lab 01/12/23 01:42 Total/NA Analysis 8015C GLY 758737 JCK **EET SAV**

Lab Sample ID: 580-121801-13 Client Sample ID: AF-RHMW03-WGN01LF-2212W4

Date Collected: 12/27/22 13:15 **Matrix: Water**

Date Received: 01/04/23 11:42

Batch Ratch Dilution Batch Prepared **Prep Type** Type Method Run Factor **Number Analyst** or Analyzed Lab 01/12/23 07:07 Total/NA Analysis 8015C GLY 758764 JCK EET SAV

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: AECOM Job ID: 580-121801-1

Project/Site: Red Hill - AFFF Assessment Sampling

Laboratory: Eurofins Savannah

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority		Program	Identification Number	Expiration Date
ANAB		Dept. of Defense ELAP	L2463	09-22-24
The following analyte the agency does not		port, but the laboratory is not	certified by the governing authority.	This list may include analytes for which
Analysis Method	Prep Method	Matrix	Analyte	
8015C GLY		Water	2-(2-Butoxyethoxy)ethanol	

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Sample Summary

Client: AECOM Job ID: 580-121801-1

Project/Site: Red Hill - AFFF Assessment Sampling

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-121801-1	AF-RHMW225401-WGN01B-2212W4	Water	12/29/22 11:25	01/04/23 11:42
580-121801-2	AF-RHMW06-WGN01LF-2212W4	Water	12/29/22 11:40	01/04/23 11:42
580-121801-3	AF-RHMW02-WGN01LF-2212W4	Water	12/27/22 11:45	01/04/23 11:42
580-121801-4	AF-RHMW10-WGN01LF-2212W4	Water	12/27/22 14:50	01/04/23 11:42
580-121801-5	AF-RHMW10-WGFD01LF-2212W4	Water	12/27/22 14:50	01/04/23 11:42
580-121801-6	AF-RHMW04-WGN01LF-2212W4	Water	12/29/22 10:40	01/04/23 11:42
580-121801-7	AF-RHMW17D-WGN01LF-2212W4	Water	12/28/22 16:10	01/04/23 11:42
580-121801-8	AF-RHMW17D-WQEB01-2212W4	Water	12/28/22 17:15	01/04/23 11:42
580-121801-9	AF-HDMW225303-WGN01LF-2212W4	Water	12/27/22 11:10	01/04/23 11:42
580-121801-10	AF-RHMW17-WGN01LF-2212W4	Water	12/28/22 15:10	01/04/23 11:42
580-121801-11	AF-RHMW12A-WGN01LF-2212W4	Water	12/28/22 10:35	01/04/23 11:42
580-121801-12	AF-RHMW16-WGN01LF-2212W4	Water	12/28/22 13:05	01/04/23 11:42
580-121801-13	AF-RHMW03-WGN01I F-2212W4	Water	12/27/22 13:15	01/04/23 11:42

Eurofins FGS, Seattle 5755 8th Street East Tacoma, WA 98424		Chain of Custody Record	scord	1239	3 eurofins Environment Testing America
Client Information	Sampler And Lowe		Lab PM: Elaine Walker	P / 1	COC No: 2212W4EUSav-03
	Phone: 452-871-571	5 E-Mail:		State of Origin: Hawaii	Page: Page 1 of 1
Company: AECOM		PWSID:	Analysis Requested		Job #.
лор St. Suite 1600	Due Date Requested: see subcontract				Preservation Codes: A-HCL M Hexane
	TAT Requested (days): Rush - ASAP	٩	Įc		B - NaOH N - None C - Zn Acetate O - AsNaO2
State, Zip: Hawaii 96813	Compliance Project: △ Yes △ No	02	oueys		
Phone: 808-954-4512 / 770-331-0794	PO#:			<u> </u>	G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate
Email: Watson Tanji (watson.lanji@aecom.com)/ Mark Kromis (mark kromis@aecom.com	WO #:		(oN)	918	I - Ice J - DI Water
Project Name: CTO N6274223F0104	Project #: 60697810		O 80 <i>)</i>	niejn	K - EDTA W - pH 4-5 L - EDA Z - other (specify)
	SSOW#:		vaso (v	00 10 1	Other:
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Custody Seals Intact: Custody Seal No.: Δ Yes Δ No			Cooler Temperature(6) °C and Other Remarks		6.5/6.5
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Eurofins FGS, Seattle 5755 8th Street East Tacoma, WA 98424	Chain of Custody Record	dy Record	1265515-910	& eurofins Environment Testing America
Client Information	Sampler.	Lab PM: Elaine Walker	Carrier Tracking No(s): FedEx (4)), (2)	COC No: 2212W4EUSav-09
	S	E-Mail: M.Elaine,Walker@EurofinsET.com	State of Origin: Hawaii	Page: Page 1 of 1
Company: AECOM	PWSID:	Analysis Requested	quested	Job #;
St. Suite 1500	Due Date Requested: see subcontract			Preservation Codes: A - HCL M - Hexane
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ecom.com)/ Mark Kromis (mark.kromis@aecom.com	WO#	(on.	Side	I - Ice U - Acetone J - DI Water V - MCAA
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Eurofins FGS, Seattle 5755 8th Street East Tacoma, WA 98424	Chain of Custody Record	tody Reco	ord	18-310	structins Environment Testing America
	Sampler.	Lab PM: Flaine Wa	Ker		
Client Contact:	Phone: 259-259-5793	E-Mail:	E-Mail: M.Elaine, Walker@EurofinsET.com		Page: Page 1 of 1
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	TAT Requested (days): Rush - ASAP		le		B - NaOH N - None C - Zn Acetate O - AsNaO2
State, Zip: Hawaii 96813	Compliance Project: A Yes A No		oustie		
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.om)/ Mark Kromis (mark.kromis@aecom.com	WO #:	40-10000-00-00-00-00-00-00-00-00-00-00-00	THE REAL PROPERTY.	Jers	1- Ice U - Acetone J - DI Water V - MCAA
l	Project #: 60697810	Company of the Compan	energy to the	The state of the s	L-EDA
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X/ Mustra Xelite	Date/Time: 14.6	Company AECOM	Received by:	Date/Time: 72/27	1446 Company
Relinquished by:	1306	Company AECON Company	Received by Received by Received by	Date/Times 22	1130 Company
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Client Information	Sampler: Hann	James James	Lab PM Elaine	Lab PM: Elaine Walker		facking No(s):	COC No: 2212W4EUSav-05	
	Phone: 314-585	0194-		E-Mail: M.Elaine.Walker@EurofinsET.com	State of Origin: T.com Hawaii	Origin: Č	Page: Page 1 of 1	
Company: AECOM		PWSID:			Analysis Requested	ō	Job #:	
hop St. Suite 1600	Due Date Requested: see subcontract							
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State, Zip: Hawaii 96813	Compliance Project: A Yes	S ∆ No		onsitie				
/ 770-331-0794	PO #:		(0)(/drate
:om)/ Mark Kromis (mark.kromis@aecom.com))	WO #:		10 30	(oN :		5.49	I - Ice J - DI Water	
ı	Project #: 60697810		X/ 9/0	10 89 Y	2	nletoc	September 1	
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Remished Aaron Oliver	Date/Time: 1630		Company AECOM	Received by:	vola A DeGa	Date/Time:	12 1630 ACCON	۷
Relinquished by: Miranda Degarma	Date/Time: 12/35/122	1300	Company	Received by:	7	Date Time	1130 Company	
Relinquished by:	Date/ Ime:		Company	neceived by:			displant of the state of the st	
Custody Seals Intact: Custody Seal No.:				Cooler Temperatu	Cooler Temperature(s)*C and Other Remarks:		6.5/6.5	
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Eurofins FGS, Seattle 5755 8th Street East Tacoma, WA 98424	Chain of Custody Record	Record	218-313393B	Seurofins Environment Testing America
	Sampler: CHRIS WOMACK E		1 () (3);	COC No: 2212W4EUSav-08
Client Confact:	2	E-Mail: M.Ejaine. Walker@EurofinsET.com	State of Origin: Hawaii	Page: Page 1 of 1
Company: AECOM	PWSID:	Analysis Requested	OCCUPATION AND ADDRESS OF THE PROPERTY OF THE	
nop St. Suite 1600	Due Date Requested: see subcontract			e Code
	TAT Requested (days): Rush - ASAP	ļo		B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S
813	Compliance Project: A Yes A No	nedle		
/770-331-0794	PO#:			.0
om)/ Mark Kromis (mark.kromis@aecom.com	WO#:	(ON 1	8191	- ice
Project Name: CTO N6274223F0104	Project #: 60697810	о веу	DANIES CONTRACTOR	
	SSOW#:) asw	Owner that the same of	Omer
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lde 🗌		Sample Disposal (A fee may be	assessed if samples are retain Disposal By Lab — Arct	stained longer than 1 month) Archive For Months
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	0061 1100	com	Date/Time: (15/22	11.30 Company
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Custody Seals Intact Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks	Remarks: 6.5	6.5
Δ 153 Δ 1VO	and the state of t			Ver. 01/16/2019

N. None
O. AshaQ2
P. Na2O45
Q. Na2SQ3
R. Na2SQ3
S. H2SQ4
I. TSP Dodecahydrate
U. Acelone
V. MCAA
W. pH 4-5
Z. other (specify) Company A Thy Th Special Instructions/Note: 6.0 Preservation Codes COC No: 2212W4EUSav-11 1150 A - HCL
D - NaOH
C - Zn Acetate
C - Zn Acetate
C - Natric Acid
E - Natric Acid
E - Natric Acid
E - Natric
H - Ascorbic Acid
I - Ice
I Page: Page 1 of 1 w 'i 016-313393/3/3
Carrier Tracking No(p): 2212
State of Origin: Pages က Total Number of containers Method of Shipment: ž **Analysis Requested** 18221 Cooler Temperature(s) C and Other Remarks: Lab PM: Elaine Walker E-Mail: M.Elaine.Walker@EurofinsET.com × × 8012C DVI GT D2/ S-(S-pnfox/vefpoxy)-elhanol Perform MS/MSD (Yes or No) z Umhown Aadological
Prelim data (Level 1or2)=see TAT above. DoD Stage
4 renort standard TAT AECOM FQuIS EDD.
Tin Company AECOM Company A ばてん かへ Company Field Filtered Sample (Yes or No) Sample Matrix
Type (w-water, S-solid, C-Comp, O-wastboll, G-grab) BT=Tissue, A-Alr) Preservation Code: ≷ ≥ ഗ G Phone: 569-554-6879 3355 Sampler: Milton Brebe 1729 Rush - ASAP Sample آه 6 5 Time Date/Time: 7.2 Z 10/28/17 Z Date/Time: 12/30/12/ Date/Time: Due Date Requested: See Subcontract TAT Requested (days): Compliance Project PO #: Sample Date 12/2011 Project #: 60697810 \rightarrow Poison B Vatson Tanji (watson.tanji@aecom.com)/ Mark Kromis (mark.kromis@aecom.com)) Skin Irritant Deliverable Requested: I, II, III, IV, Other (specify) Buber Custody Seals Intact: | Custody Seal No.: AF-RHMW17D-WGN01LF-2212W4 Non-Hazard Trammable AF-RHMW17D-WQEB01-2212W4 Possible Hazard Identification 308-954-4512 / 770-331-0794 elinquished by: MIEL 1001 Bishop St. Suite 1600 mpty Kit Relinquished by: Client Information Sample Identification Project Name: CTO N6274223F0104 Tacoma, WA 98424 State, Zip: Hawaii 96813 elinquished by: Honolulu AECOM RHSF Page 29 of 49

& eurofins Environment Testing

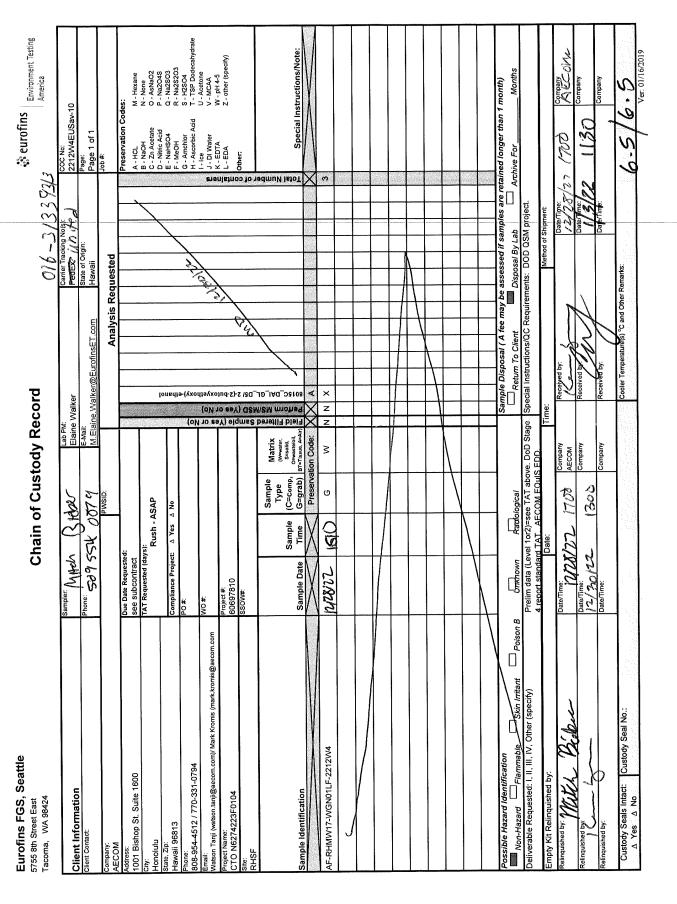
Chain of Custody Record

Eurofins FGS, Seattle

5755 8th Street East

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Eurofins FGS, Seattle 5755 8th Street East Tacoma, WA 98424	Chain of Custody Record	y Record	016-3182931	seurofins Environment Testing America
	Sampler Agron Mille,	Lab PM: Elaine Walker	Carrier Tracking No(s):	COC No: 2212W4EUSav-04
Client Information Client Contact:	Phone: 3/4-58<-76/0	E-Mail: M.Elaine.Walker@EurofinsET.com	State of Ongin: Hawaii	Page: Page 1 of 1
Company: AECOM	PWSID:	Analysis Requested	quested	Job #:
hop St. Suite 1600	Due Date Requested: see subcontract			မီ ပိ
	TAT Requested (days): Rush - ASAP	(o		B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitrin Anid P - Na2O45
State, Zip: Hawaii 96813	Compliance Project: Δ Yes Δ No	nsdłe		
/ 770-331-0794	PO#:			<u>.</u> 0
ют)/ Mark Kromis (mark.kromis@aecom.com	MO #:	(0N)		J - Di Water
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Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:	
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Relinquished by Colon December	9 0281 71	(COV)	1/3/2/	1630 Company
	Date/Time: Company		Ulifie/ Line:	Company
Custody Seals Intact Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:	Remarks: 6-5	16.5
				Ver. 01/16/2019



N - None
O - AsNao2
P - Na2O45
Q - Na2S03
R - Na2S2S03
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
W - PH 4-5
Z - other (specify) Company A ECON Special Instructions/Note: Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
H - Ascorbic Acid
I - Ice
K - EDTA
L - EDA 000 709 Archive For Total Number of containers Shipment: Date/Time: Special Instructions/QC Requirements: DOD QSM project Disposal By Lab Return To Client Received by: Received by: B012C DVI GT D2\ 5-{5-pnfoxxefpoxx}}-efpsuoj (oh to seY) GSMISM mtohe9 Field Filtered Sample (Yes or No) Prelim data (Level 1or2)=see TAT above. DoD Stage 4 report standard TAT. AECOM EQuIS EDD. z Company AECom Company AECUM (W=water, S=solid, O=wastefoli, BT=Tissue, A=Air) Preservation Code: ≥ AECOM Type (C=comp, G=grab) Sample Due Date Requested: see subcontract TAT Requested (days): Rush - ASAP Radiological ტ 500 Sample Time 100 E Compliance Project: Jate/Time: 127 Unknown 22812 Sample Date Project #: 60697810 SSOW#: # 0/ Poison B Vatson Tanji (watson.tanji@aecom.com)/ Mark Kromis (mark.kromis@aecom.com Skin Irritant Deliverable Requested: I, II, III, IV, Other (specify Custody Seals Intact | Custody Seal No Flammable AF-RHMW12A-WGN01LF-2212W4 Possible Hazard Identification 308-954-4512 / 770-331-0794 address: 1001 Bishop St. Suite 1600 ample Identification Project Name: CTO N6274223F0104 Non-Hazard Relinquished by: State, Zip: Hawaii 96813 elinquished by: Honolulu RHSF

💸 eurofins Environment Testing

COC No: 2212W4EUSav-06

Carrier Tracking No(s **PedEx** ビルカップで

State of Origin: Hawaii

Lab PM: Elaine Walker E-Mail: M.Elaine.Walker@EurofinsET.com

Phone: 509-554-0870

Sampler: Mitch Brober

Client Information

Client Contact

ECOM:

Chain of Custody Record

Eurofins FGS, Seattle

Tacoma, WA 98424 5755 8th Street East

Analysis Requested

Page: Page 1 of 1 Job#:

reservation Codes:

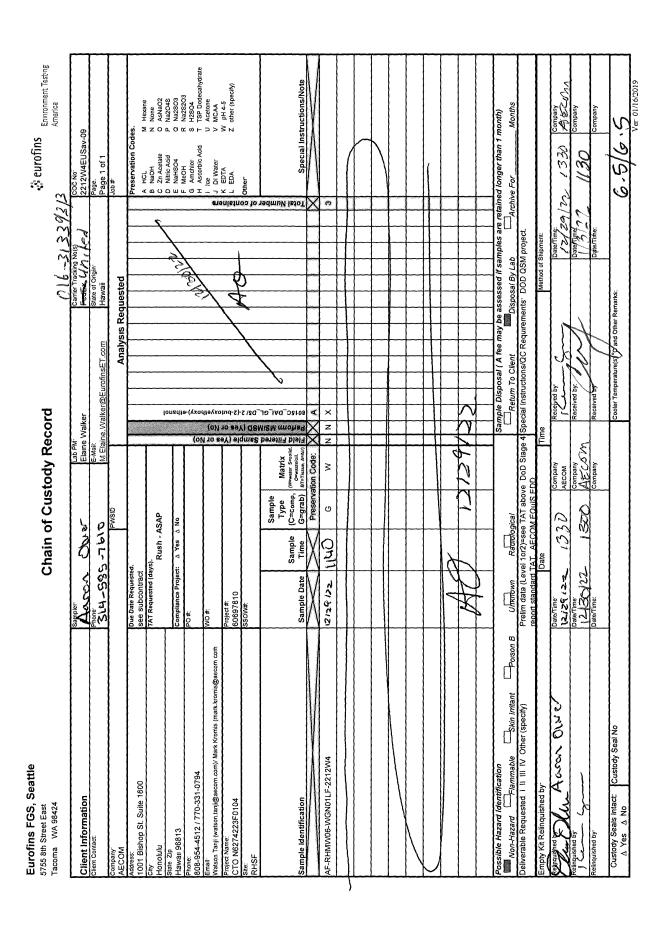
N - None
O - AsNaO2
P - Na2O45
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone W - pH 4-5 Z - other (specify) Special Instructions/Note: Months S S Company Company reservation Codes COC No: 2212W4EUSav-07 1130 A - HCL
B - NaOH
C - Zn Aceitate
D - Nitric Acid
E - NaHSO4
E - NaHSO4
G - Amchlor
H - Ascorbic Acid
J - Di Water
K - EDTA 6.5 1700 Page: Page 1 of 1 Job #: Date/Time: က Total Number of containers 016-31 33931 128/47 Method of Shipment: Carrier Tracking No(s): Foctax いハイテン State of Origin: Hawaii **Analysis Requested** Cooler Temperature(s) °C and Other Remarks: Lab PM: Elaine Walker E-Mail: M.Elaine.Walker@EurofinsET.com Received by: Receive (by 8012C DVI GF D2\ 5-(5-pnfox\efpox\)-efpsuol z Time: Perform MS/MSD (Yes or No) Field Filtered Sample (Yes or No) z Prelim data (Level 1or2)=see TAT above. DoD Stage Company AECOM (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) Preservation Code: Matrix Company AECOM Company ≥ 4 report standard TAT AECOM FOURS EDD. Type (C=comp, G=grab) trap Mo 38 Sample G **Fadiological** "hone: 314 -585-761 Rush - ASAP Sompliance Project: △ Yes △ No mpletaren Oliver 1700 12/08/17 Sample Time 1305 TAT Requested (days): Due Date Requested: see subcontract 12128172 Date/Time: UIIRnown Sample Date 25/82/21 Project #: 60697810 ₩O #: # 04 Poison B Natson Tanji (watson.tanji @aecom.com)/ Mark Kromis (mark.kromis@aecom.com))) Skin Irritant eliverable Requested: I, II, III, IV, Other (specify) Custody Seals Intact: Custody Seal No.: △ Yes △ No Haron Oliver Possible Hazard Identification AF-RHMW16-WGN01LF-2212W4 808-954-4512 / 770-331-0794 Address: 1001 Bishop St. Suite 1600 Empty Kit Relinquished by: Client Information Sample Identification Project Name: CTO N6274223F0104 Relinquished by Chr. State, Zip: Hawaii 96813 elinquished by: Client Contact: Honolulu Company: AECOM RHSF

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Chain of Custody Record

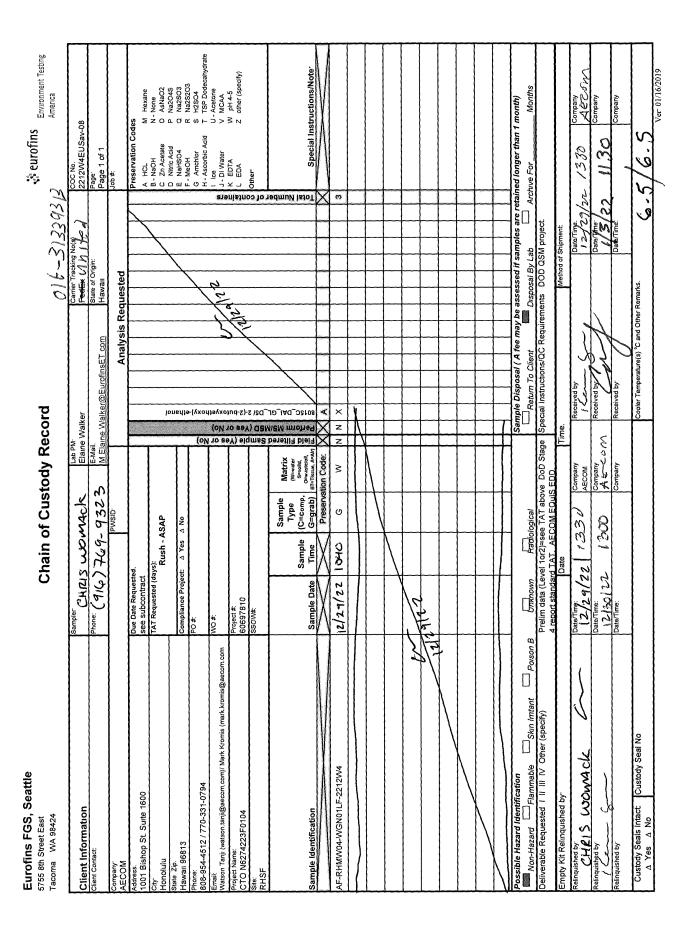
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Client Information	Samony.	Lab PM Elaine	Lab PM: Elaine Walker	Carrier Tracking No(s): Fedex-L/ h / fed	COC No: 2212W4EUSav-02
	1-257-59		E-Mail: M.Elaine.Walker@EurofinsET.com	State of Origin: Hawaii	Page: Page 1 of 1
Company: AECOM	ΡV		Analysis Requested	dnested	Job #:
hop St. Suite 1600	Due Date Requested: see subcontract				
	TAT Requested (days): Rush - ASAP		lo		B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S
State, Zip: Hawaii 96813	Compliance Project: Δ Yes Δ No		ueųja		
Phone: 808-954-4512 / 770-331-0794	PO#:			3	
om)/ Mark Kromis (mark.kromis@aecom.com	WO #:	20 30	(oN 1	SIBI	
	Project #: 60697810	<u> </u>	0 88)	il son c	L-EDA
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Reimuished by:	-7, 12130pz	1300 AFCON	Received by:	US/22 Date/Time	(130 Company
Custody Seals Intact Custody Seal No.:			Cooler Temperature(s) °C and Other Remarks:		2/22
Δ Yes Δ No					1

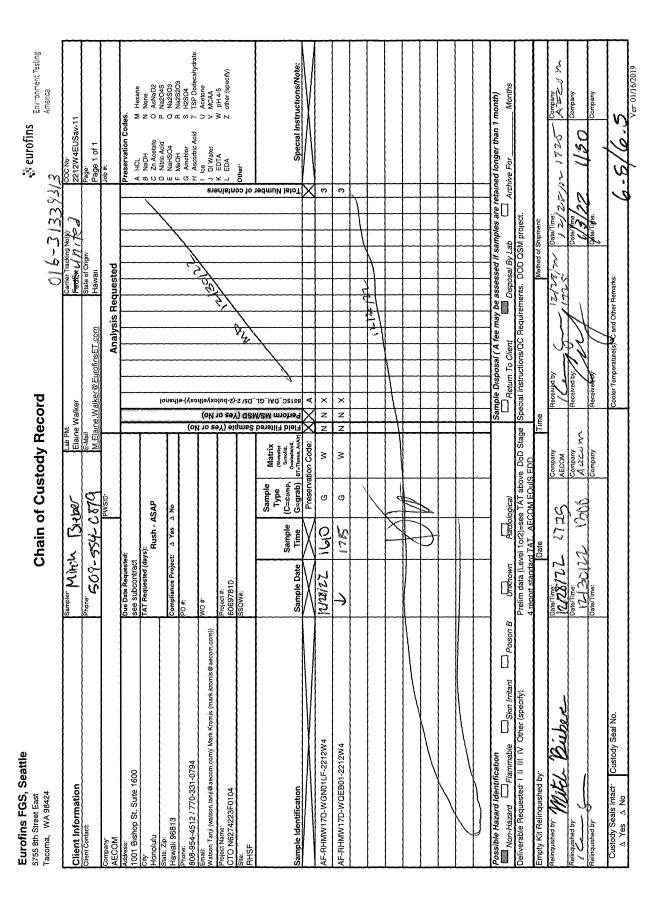
Eurofins FGS, Seattle 5755 8th Street East Tacoma, WA 98424	๋	Chain of Custody Record	Custo	ody Re	cord			900	165878-910	seurofins		Environment Testing America
Client Information	Sampler And	Young		Lab PM Elaine	Lab PM Elaine Walker			Carrier Tracking No(s)	L of (s) on E	COC No: 2212W4EUSav-03	JSav-03	
	Phone: 452-871-	71-571	2	E-Mail	ne.Walken	E-Mail: M.E.Jaine, Walker@EurofinsET.com		State of Origin. Hawaii	,	Page. Page 1 of 1		
Company AECOM			PWSID:			Ana	is Red	ested		Job #:		
hop St. Suite 1600	Due Date Requested see subcontract									Preservation Codes	So	
	TAT Requested (days) F	s): Rush - ASAP	يه ا	l	1				7	B NaOH C Zn Acetate	N None te O AsNaO2	a02
State Zip: Hawaii 96813	Compliance Project:	A Yes A No	op.	T	onsdł					D Nitnc Acid		245 S03
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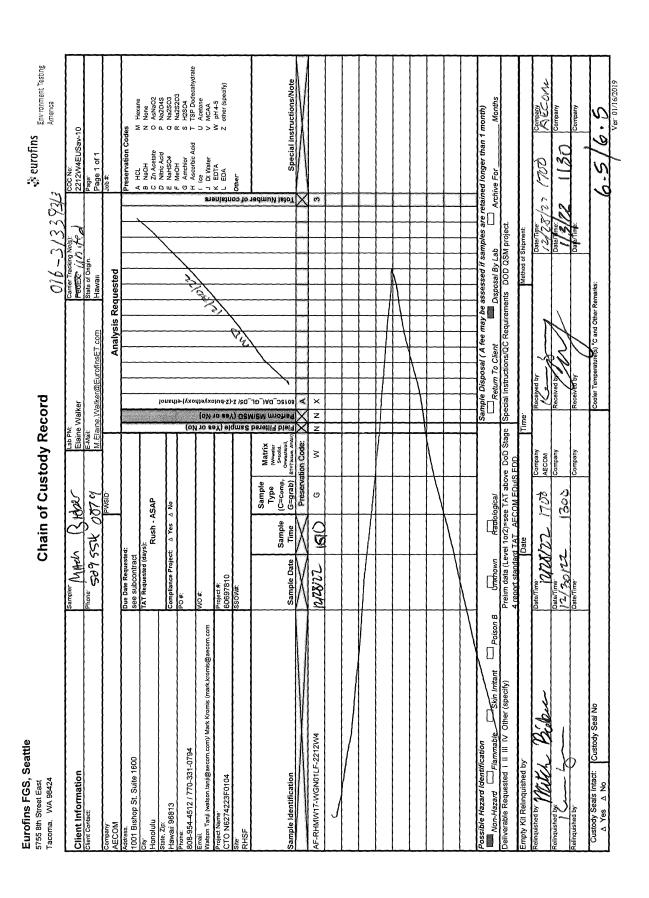
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Client Information	Sampler Hans A		J~ 3	Lab Pl Elam	n: e Walker	Lab PM: Elaine Walker		Carrier Tracking N	ing No(s).		COC No: 2212W4EUSav-05	7-05
Client Contact:	Phone. 314-885		0756-	E-Mail M El	ine Walker	@ EurofinsET.		State of Origin Hawaii	1	2 4	Page: Page 1 of 1	
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Email. Watson Tanji (watson.tanji@aecom.com)/ Mark Kromis (mark.kromis@aecom.com))	wo #-				(on			Ŝ			i - ice J - Di Water	U - Acetone V - MCAA
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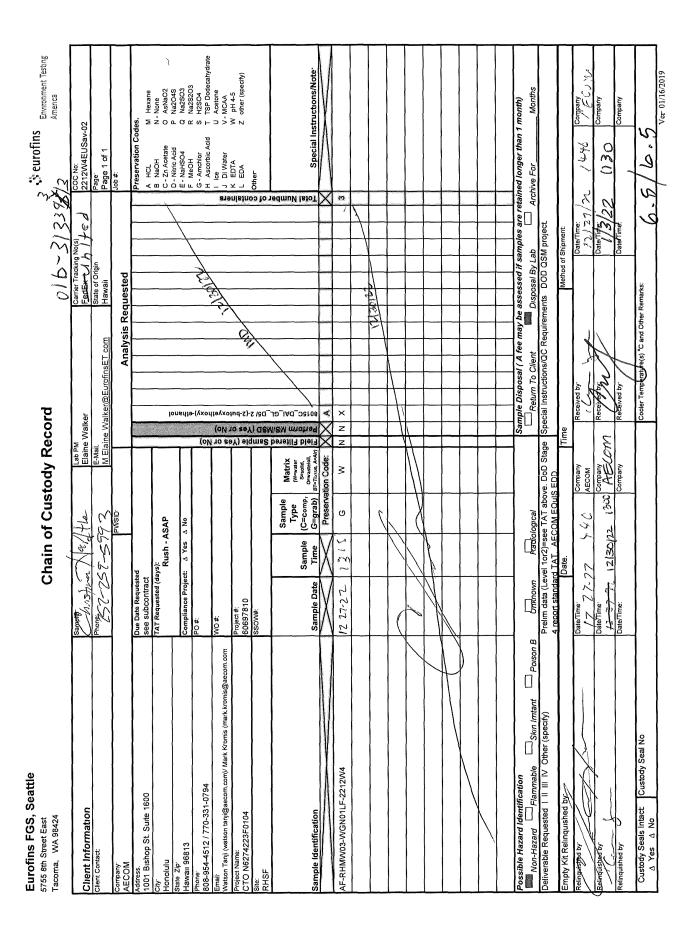
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I ED/A 1630 Page: Page 1 of 1 Job#: 016-31339213 Total Mumber of containers Date/Time: ハンドンドル 6.5 Prelim data (Level 10r2)=see TAT above DoD Stage Special Instructions/QC Requirements. DOD QSM project a report standard TAT. AECOM EQUIS EDD. | Time | Instructions/QC Requirements | Ins च्यक्टाटा व Analysis Requested Detromo Cooler Temperature(s) °C and Other Remarks: Lab PM Elaine Walker E-Mail: M.Elaine Walker@EurofinsET.com Chain of Custody Record ×z 8012C DVI GF D21 5-(5-pnfox)efpoxy)-efpanol Company
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Rush - ASAP ഗ 1380 mpler Acron Olive Compliance Project: Δ Yes Δ No PO#: SS ESS Sample 0733 Date/Time 12 1/2 2 Date/Time:
12/25/12/2
Date/Time: 12.127122 Sample Date Unkhown Project #: 60697810 *ON Poison B Vatson Tanji (watson.tanji@aecom.com)/ Mark Kromis (mark.kromis@aecom.com Skin Irritant Desagn ARION OLVE eliverable Requested | || ||| IV Other (specify) Custody Seal No AF-HDMW225303-WGN01LF-2212W4 Flammable Eurofins FGS, Seattle Possible Hazard Identification 308-954-4512 / 770-331-0794 ilinquished by Mill Colon ddress. 1001 Bishop St. Suite 1600 tpty Kit Relinquished by elinquished by Bull Custody Seals Intact: ∆ Yes ∆ No Client Information Sample Identification Project Name CTO N6274223F0104 5755 8th Street East Facoma WA 98424 Non-Hazard State Zip: Hawaii 96813 Honolulu



Eurofins FGS, Seattle 5755 8th Street East Tacoma WA 98424	Chain of Custody Record	tody Record	0118-313293	S
Client Information	Sampler Mitch Grenz-	Lab PM. Efaine Walker		COC No: 2212W4EUSav-06
Glient Conlact:	Phone: 509-554-0879	E-Mail: M.Elaine.Walker@EurofinsET.com	State of Origin.	Page: Page 1 of 1
Company AECOM	- PWSID:		Analysis Requested	,4ob#:
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	Phone: 314 -585-761	0196-6	E-Mail: M.Elan	E-Mail: M.Elaine. Walker@ EurofinsET com	insET com	State of Origin. Hawaii		Page: Page 1 of 1	
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Declared value 233 S Wacker Dr - Chicago 11, 60605 For domestic service 1-800-UA-CARGO unitedcargo.com Freight processing fee MC Valuation charge Weight charge water samples Handling Information/LifeGuard Taxes Other Total Fuel Description Time ζ Credit card Note Exp. date

Comat GBL raincurers V Inharconners below Last bag tag number 31339 First bag tag number Date Destination station code/location by | UA agent (full name) Form of payment Welght/lbs 51-75 M 76-100 1-25 2000 12/38/27 Parti Shloper, Parz Delivery, Parla Constitue, Party Desilnation Afroori, Parts Carrier Parts Airport of Origin Received in good order and condition 7230075001 Total No of pleces Consignee signature 66697810 00 30.01 3rd filight #/city 31404 Telephone (714)801-2829 96813 Telephone (714) 801-2829 Date . Ase 12 % 14 70 Ste. 1600 Transfer Not the ages of services for the reason and an ages of a proper of proper of the property of the prop This shipment does contain dangerous goods Signature of Shipper or Agent above and initial applicable box below 6409 Rate class (SCR) クタ H SIOZ La Boche 1001 Bishop St. AECOM 344 Actount 6 City Sayannah Hold & not Airspace COMPANY NAME EUTO-YINS STREET ADDRESS This shipment does not sontain dangerous goods Honoly ly sode/location by AECOM A ECON COMPANY NAME STREET ADDRESS ETD Third party Signature W-DE μa

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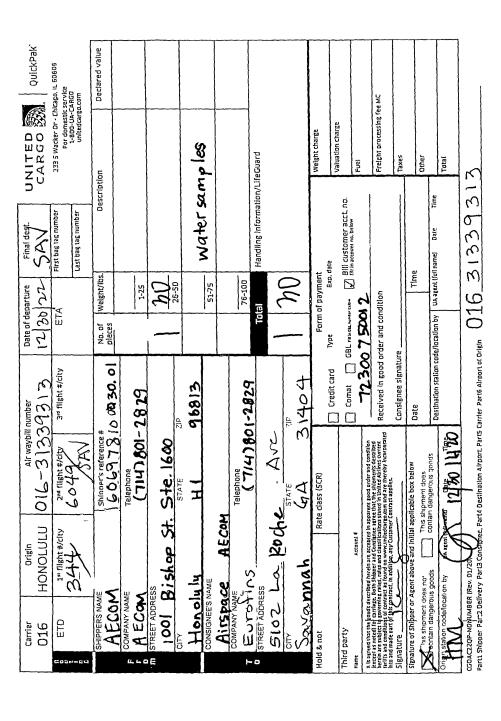
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Third party			Credit card		Jate Ilistromer arct, po	Valuation charge	
Ι.	Account			Jornat GBL rangement	III in account no. below	Fuel	
it is agreed that the goods de lexted as noted for carelage herein are subject to governi iseliffs and conditions of cont	cooks described herein are accepted in superior tood order and condition exists. Both Shoper and Condignes agree that the shipments described governing rates, rates and classifications stared in United Airlines current s.pt contract as found on www.unitedcartes.com and ane thereby hadroors	it is streed has the good setrethickh behal are executed in a secretary tood exter and smallon lexexp) as need for confidence and confidence are extended to the confidence of the behalves of the behalves of the behalves of the behalves of the secretary that is subject to govern the secretary and confidence are subject to govern the secretary of the secretary o	Received in good order and condition	rder and condition		Freight processing fee MC	: MC
Signature	חונשנר נו שממוושמי שוא רחייחיווני	Confract applies.	Cansignee signature	9		- Taxes	
Signature of Shipper or	n pue and in	plicable box below	Date	Time		Other	
Schlain dangerous goods		This shipment does contain dangerous ponds	Destination station code/location by	e/location by UA agent (full name)	I name) Date Time	T	
Origin station code/location by	sation by A seem select	" 121% 14"to				Tataí	
CGDAC22QP-NONLIMBER (Rev D1/20) Parti Shipper Part2 Delivery Part3 C	R (Rev D1/20) Ilvery Part3 Constinee, Pai	COACC20P-NOVIMBER (Rev 01/20). Parts Shipper Parc2 Delivery Parc3 Constituec, Part4 Destination Alrport, Part5 Carrier, Part6 Alrport of Origin	arrier, Part6 Alrport of C		016 31339313	113	



Client: AECOM Job Number: 580-121801-1

Login Number: 121801 List Source: Eurofins Savannah List Number: 2 List Creation: 01/11/23 01:01 PM

Creator: Johnson, Corey M

Creator. Johnson, Corey W		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	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	
Is the Field Sampler's name present on COC?	N/A	
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	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	