

 **ANALYTICAL REPORT****PREPARED FOR**

Attn: Terri Choy  
AECOM

1001 Bishop Street  
Honolulu, Hawaii 96813

Generated 4/20/2023 10:03:56 AM

**JOB DESCRIPTION**

Red Hill - AFFF Assessment Sampling

**JOB NUMBER**

580-126043-1

# Eurofins Seattle

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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



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Authorized for release by  
Marie Walker, Senior Project Manager  
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(253)248-4972



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# Case Narrative

Client: AECOM  
Project/Site: Red Hill - AFFF Assessment Sampling

Job ID: 580-126043-1

**Job ID: 580-126043-1**

**Laboratory: Eurofins Seattle**

**Narrative**

## CASE NARRATIVE

**Client: AECOM**  
**Project: Red Hill - AFFF Assessment Sampling**  
**Report Number: 580-126043-1**

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**

Five samples were received on 4/13/2023 10:30 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 4.7° 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-RHMW03-WGN01LF-2304W2 (580-126043-1), AF-RHMW02-WGN01LF-2304W2 (580-126043-2), AF-RHMW10-WGN01LF-2304W2 (580-126043-3), AF-RHMW16-WGN01LF-2304W2 (580-126043-4) and AF-HDMW225303-WGN01LF-2304W2 (580-126043-5) were analyzed for glycols in accordance with EPA SW-846 Method 8015B - DAI.**  
The samples were analyzed on 04/18/2023.

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

# Definitions/Glossary

Client: AECOM

Job ID: 580-126043-1

Project/Site: Red Hill - AFFF Assessment Sampling

## Qualifiers

### GC Semi VOA

Qualifier	Qualifier Description
U	Undetected at the Limit of Detection.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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

# Client Sample Results

Client: AECOM  
Project/Site: Red Hill - AFFF Assessment Sampling

Job ID: 580-126043-1

**Client Sample ID: AF-RHMW03-WGN01LF-2304W2**

**Lab Sample ID: 580-126043-1**

**Date Collected: 04/12/23 12:35**

**Matrix: Water**

**Date Received: 04/13/23 10:30**

**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	5.0	1.1	mg/L			04/18/23 20:48	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

# Client Sample Results

Client: AECOM  
Project/Site: Red Hill - AFFF Assessment Sampling

Job ID: 580-126043-1

**Client Sample ID: AF-RHMW02-WGN01LF-2304W2**

**Lab Sample ID: 580-126043-2**

**Date Collected: 04/12/23 10:15**

**Matrix: Water**

**Date Received: 04/13/23 10:30**

**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	5.0	1.1	mg/L			04/18/23 21:58	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

# Client Sample Results

Client: AECOM  
Project/Site: Red Hill - AFFF Assessment Sampling

Job ID: 580-126043-1

**Client Sample ID: AF-RHMW10-WGN01LF-2304W2**

**Lab Sample ID: 580-126043-3**

**Date Collected: 04/11/23 13:38**

**Matrix: Water**

**Date Received: 04/13/23 10:30**

**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	5.0	1.1	mg/L			04/18/23 22:21	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11



# Client Sample Results

Client: AECOM  
Project/Site: Red Hill - AFFF Assessment Sampling

Job ID: 580-126043-1

**Client Sample ID: AF-RHMW16-WGN01LF-2304W2**

**Lab Sample ID: 580-126043-4**

**Date Collected: 04/12/23 10:10**

**Matrix: Water**

**Date Received: 04/13/23 10:30**

**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	5.0	1.1	mg/L			04/18/23 22:44	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

# Client Sample Results

Client: AECOM

Job ID: 580-126043-1

Project/Site: Red Hill - AFFF Assessment Sampling

**Client Sample ID: AF-HDMW225303-WGN01LF-2304W2**

**Lab Sample ID: 580-126043-5**

**Date Collected: 04/11/23 09:55**

**Matrix: Water**

**Date Received: 04/13/23 10:30**

**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	5.0	1.1	mg/L			04/18/23 23:08	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

# QC Sample Results

Client: AECOM  
 Project/Site: Red Hill - AFFF Assessment Sampling

Job ID: 580-126043-1

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

**Lab Sample ID: MB 680-774076/9**  
**Matrix: Water**  
**Analysis Batch: 774076**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
2-(2-Butoxyethoxy)ethanol	3.0	U	5.0	1.1	mg/L			04/18/23 20:25	1

**Lab Sample ID: LCS 680-774076/5**  
**Matrix: Water**  
**Analysis Batch: 774076**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-(2-Butoxyethoxy)ethanol	20.0	23.1		mg/L		115	50 - 150

**Lab Sample ID: LCSD 680-774076/6**  
**Matrix: Water**  
**Analysis Batch: 774076**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-(2-Butoxyethoxy)ethanol	20.0	20.9		mg/L		105	50 - 150	10	50

**Lab Sample ID: 580-126043-1 MS**  
**Matrix: Water**  
**Analysis Batch: 774076**

**Client Sample ID: AF-RHMW03-WGN01LF-2304W2**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-(2-Butoxyethoxy)ethanol	3.0	U	20.0	19.3		mg/L		96	50 - 150

**Lab Sample ID: 580-126043-1 MSD**  
**Matrix: Water**  
**Analysis Batch: 774076**

**Client Sample ID: AF-RHMW03-WGN01LF-2304W2**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-(2-Butoxyethoxy)ethanol	3.0	U	20.0	20.9		mg/L		104	50 - 150	8	50

# Lab Chronicle

Client: AECOM  
Project/Site: Red Hill - AFFF Assessment Sampling

Job ID: 580-126043-1

**Client Sample ID: AF-RHMW03-WGN01LF-2304W2**

**Lab Sample ID: 580-126043-1**

Date Collected: 04/12/23 12:35

Matrix: Water

Date Received: 04/13/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015C GLY		1	774076	GEM	EET SAV	04/18/23 20:48

**Client Sample ID: AF-RHMW02-WGN01LF-2304W2**

**Lab Sample ID: 580-126043-2**

Date Collected: 04/12/23 10:15

Matrix: Water

Date Received: 04/13/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015C GLY		1	774076	GEM	EET SAV	04/18/23 21:58

**Client Sample ID: AF-RHMW10-WGN01LF-2304W2**

**Lab Sample ID: 580-126043-3**

Date Collected: 04/11/23 13:38

Matrix: Water

Date Received: 04/13/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015C GLY		1	774076	GEM	EET SAV	04/18/23 22:21

**Client Sample ID: AF-RHMW16-WGN01LF-2304W2**

**Lab Sample ID: 580-126043-4**

Date Collected: 04/12/23 10:10

Matrix: Water

Date Received: 04/13/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015C GLY		1	774076	GEM	EET SAV	04/18/23 22:44

**Client Sample ID: AF-HDMW225303-WGN01LF-2304W2**

**Lab Sample ID: 580-126043-5**

Date Collected: 04/11/23 09:55

Matrix: Water

Date Received: 04/13/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015C GLY		1	774076	GEM	EET SAV	04/18/23 23:08

**Laboratory References:**

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

# Accreditation/Certification Summary

Client: AECOM  
Project/Site: Red Hill - AFFF Assessment Sampling

Job ID: 580-126043-1

## 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 analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015C GLY		Water	2-(2-Butoxyethoxy)ethanol



# Sample Summary

Client: AECOM

Job ID: 580-126043-1

Project/Site: Red Hill - AFFF Assessment Sampling

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-126043-1	AF-RHMW03-WGN01LF-2304W2	Water	04/12/23 12:35	04/13/23 10:30
580-126043-2	AF-RHMW02-WGN01LF-2304W2	Water	04/12/23 10:15	04/13/23 10:30
580-126043-3	AF-RHMW10-WGN01LF-2304W2	Water	04/11/23 13:38	04/13/23 10:30
580-126043-4	AF-RHMW16-WGN01LF-2304W2	Water	04/12/23 10:10	04/13/23 10:30
580-126043-5	AF-HDMW225303-WGN01LF-2304W2	Water	04/11/23 09:55	04/13/23 10:30

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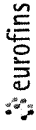








# Chain of Custody Record



ENVIRONMENTAL  
ANALYTICAL

UNIVERSITY AND 016-02612735

<b>Client Information</b> Company: AECOM Address: 1001 Bishop St. Suite 1600 City: Honolulu State Zip: Hawaii 96813 Phone: 808-964-4512 / 770-331-0794 Email: Watson Tanji (watson.tanji@aecom.com) / Mark Kromis (mark.kromis@aecom.com) Project Name: CTO N6274223F0104 Site: RH5F		Lab PM: Elaine Walker E-Mail: M.Elaine.Walker@EurofinsEI.com Camer Tracking No(s): 2304W2AFE02 Page: Page 1 of 1 Job #:	
Due Date Requested: see subcontract TAT Requested (days): <b>Rush - ASAP 5day</b> Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No PO #: WO #: Project #: 60697810 SOW#:		<b>Analysis Requested</b> Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
Date Requested: TAT Requested (days): Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No PO #: WO #: Project #: SOW#:		Preservation Codes: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 L - EDA Z - other (specify)	
Sample Identification AF-RHMW03-WGN01LF-2304W2		Total Number of Containers: 3	
Sample Date: 4/2/23 Sample Time: 2:25 Sample Type: G Matrix: Preservation Code: W		Special Instructions/Note 580-126043 Chain of Custody	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
Deliverable Requested I II III IV Other (specify) 4 report standard IAT_AECOM EQUIS FDD		Special Instructions/QC Requirements DOD QSM project.	
Empty Kit Relinquished by: Relinquished by: Relinquished by: Relinquished by:		Method of Shipment:	
Date/Time: 4/2/23 14:50 Date/Time: 4/12/23 15:20 Date/Time:		Date/Time: 4/12/23 14:50 Date/Time: 4/15/23 10:30 Date/Time:	
Relinquished by: Relinquished by: Relinquished by:		Received by: Received by: Received by:	
Company: AECOM Company: AECOM Company: AECOM		Company: AECOM Company: AECOM Company: AECOM	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Cooler Temperature(s) °C and Other Remarks: 4.7/5.3	





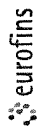
### Chain of Custody Record

UNITED ANB C16-026027-05

<b>Client Information</b> Company: AECOM Address: 1001 Bishop St. Suite 1600 City: Honolulu State, Zip: Hawaii 96813 Phone: 808-954-4512 / 770-331-0794 Email: Watson Tanji (watson.tanji@aecom.com) / Mark Kromis (mark.kromis@aecom.com) Project Name: CTO N6274223F0104 Site: RHSF		Lab PM: Elaine Walker E-Mail: Elaine.Walker@EurofinsET.com PWSID:	
Smpler: MUA Phone: 808-404-438 Due Date Requested: see subcontract TAT Requested (days): Rush - <del>5</del> 5 day Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No PO #: WO #: Project #: 60697810 SOW#:		Carrier Tracking No(s): 2304W2AFEA01 State of Origin: Hawaii Page: Page 1 of 1 Job #:	
<b>Sample Identification</b> AF-RHMW02-WGN01F-2304W2 Sample Date: 4-20-20 Sample Time: 14:50 Sample Type (C=comp, G=grab): G Matrix (W=water, S=solid, O=other): W		<b>Analysis Requested</b> Perform MS/MSD (Yes or No): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Field Filtered Sample (Yes or No): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 8015C_DAL_GL_D5f 2-(2-butoxyethoxy)-ethanol: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Total Number of Containers: 3	
<b>Possible Hazard Identification</b> <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Radiological <input type="checkbox"/> Unknown Deliverable Requested I II III IV Other (specify)		<b>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</b> <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
Empty Kit Relinquished by: MUA via mail Relinquished by: MUA via mail Relinquished by: MUA via mail Relinquished by: MUA via mail		Method of Shipment: Date: 4-20-20 14:50 Date/Time: 4/12/23 15:20 Date/Time: 4/13/23 10:30 Date/Time: 4-7/23	
Relinquished by: MUA via mail Relinquished by: MUA via mail Relinquished by: MUA via mail Relinquished by: MUA via mail		Company: AECOM Company: AECOM Company: AECOM Company: AECOM	
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No:		Cooler Temperature(s) °C and Other Remarks: 4.7/5.3	



# Chain of Custody Record

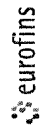


United AWB 016-02612735  
 ER TO THE TC NR  
 AIME S

<b>Client Information</b> Company: AECOM Address: 1001 Bishop St. Suite 1600 City: Honolulu State, Zip: Hawaii 96813 Phone: 808-954-4512 / 770-331-0794 Email: Watson.Tanji@aecom.com / Mark.Kromis@aecom.com Project Name: CTO N6274223F0104 Site: RHSF		Lab Pk#: Elaine Walker E-Mail: M.Elaine.Walker@EurofinsEI.com Carrier Tracking No(s): AWB State of Origin: Hawaii Page 1 of 1 Job #:	
Due Date Requested: see subcontract TAT Requested (days): <b>Rush - ABRP 5 day</b> Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No PO #: WO #: Project #: 60697810 SSOW#:		<b>Analysis Requested</b> Total Number of Containers: <input checked="" type="checkbox"/> 3 Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
<b>Sample Identification</b> AF-RHMW10-WGN01LF-2304W2 Sample Date: <del>4/11/23</del> Sample Time: <del>1378</del> Sample Type (C=comp, G=grab): G Matrix (W=water, S=solid, O=wastewater, I=tissue, A=air): W Preservation Code: W		Field Filtered Sample (Yes or No): <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No Perform MS/MSD (Yes or No): <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No 8015c_DAL_GL_DS/2-(2-butoxyethoxy)-ethanol: <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No Special Instructions/Note:	
<b>Possible Hazard Identification</b> <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested I, II, III, IV Other (specify): Empty Kit Relinquished by:			
Prelim data (Level 1or2)-see TAT above DoD Stage 4 report standard TAT, AECOM, EQUUS EDD.			
Relinquished by: <i>Miranda DeGarmo</i> Date/Time: 4/11/23 1545 Company: AECOM		Relinquished by: <i>Miranda DeGarmo</i> Date/Time: 4/11/23 1545 Company: AECOM	
Relinquished by: <i>Miranda DeGarmo</i> Date/Time: 4/11/23 1545 Company: AECOM		Relinquished by: <i>Miranda DeGarmo</i> Date/Time: 4/11/23 1545 Company: AECOM	
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Cooler Temperature(s) °C and Other Remarks: 4.7/5.3	



# Chain of Custody Record



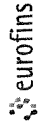
Environm Testing

United AWB 016-02612735

<b>Client Information</b> Company: AECOM Address: 1001 Bishop St. Suite 1600 City: Honolulu State Zip: Hawaii 96813 Phone: 808-954-4512 / 770-331-0794 Email: Watson.Tanji@aecom.com / Mark.Kromis@aecom.com Project Name: CTO N6274223F0104 Site: RH5F		Sampler: <u>Christian Perez</u> Lab PIV: Elaine Walker E-Mail: M.Elaine.Walker@EurofinsET.com Phone: (800) 637-5688 PWSID:		Carier Tracking No(s): <u>AWB 2304W2FEA06</u> Page: Page 1 of 1 Job #:	
Due Date Requested: See subcontract TAT Requested (days): <u>Rush - ASAP 5 day</u> Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No PO #: <u>60697810</u> WO #: <u>60697810</u> Project #: <u>60697810</u> S5OW#:		<b>Analysis Requested</b> Total Number of Containers: <u>3</u> Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - MCAA L - EDTA M - Hexane N - None O - AsNaO2 P - Na2SO4 Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - PH 4-5 W - MCAA X - EDTA Y - Other (specify)			
<b>Sample Identification</b> AF-RHMW16-WGND01LF-2304W2 Sample Date: <u>4/12/23</u> Sample Time: <u>14:00</u> Sample Type: <u>G</u> Matrix: <u>Water</u> Preservation Code: <u>W</u>		Perform MS/MSD (Yes or No): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Field Filtered Sample (Yes or No): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 8015C_DAI_GL_DS/2-(2-butylethoxy)-ethanol: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Special Instructions/Note:			
<b>Possible Hazard Identification</b> <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: <input type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III <input type="checkbox"/> IV, Other (specify)					
Empty Kit Relinquished by: <u>Christian Perez</u> Relinquished by: <u>Christian Perez</u> Relinquished by: <u>Christian Perez</u> Date/Time: 4/12/23 11:27 Date/Time: 4/12/23 15:20 Date/Time:					
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months Prelim data (Level 1 or 2) - see TAT above. DoD Stage 4 report standard TAT. AECOM EQUUS FDD.					
Received by: <u>Christian Perez</u> Received by: <u>Christian Perez</u> Received by: <u>Christian Perez</u> Date/Time: 4/12/23 11:37 Date/Time: 4/12/23 10:30 Date/Time:					
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cooler Temperature(s) °C and Other Remarks: <u>4.7/5.3</u>					



# Chain of Custody Record



ETV 10/10/19 at 10:51:53 AM

United ANWB 016-02612735

<b>Client Information</b> Client Contact: <b>Joe Vukobratovic</b> Phone: <b>206-451-7931</b> PWSID		Lab Piv: <b>Elaine Walker</b> E-Mail: <b>M.Elaine.Walker@EurofinsET.com</b>		Carrier Tracking No(s): <b>ANWB</b> <b>FedEx</b> State of Origin: <b>Hawaii</b>		COC No: <b>2304W2AFE04</b> Page: <b>Page 1 of 1</b> Job #:	
Due Date Requested: See subcontract TAT Requested (days): <b>Rush - ASAP 5 day</b>		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		PO #:		WO #:	
Project #: <b>60697810</b> SOW#:		Project Name: <b>CTO N6274223F0104</b>		Project #:		SOW#:	
Site: <b>RHSF</b>		Address: <b>1001 Bishop St. Suite 1600</b> City: <b>Honolulu</b> State, Zip: <b>Hawaii 96813</b> Phone: <b>808-954-4512 / 770-331-0794</b> Email: <b>Watson.Tanji@aeacom.com / Mark.Kromis@aeacom.com</b>		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - PH 4-5 Z - other (specify) Other:		Analysis Requested	
<b>Sample Identification</b> AF-HDMW225303-WGN01F-2304W2		Sample Date: <b>4/11/23</b> Sample Time: <b>0955</b> Sample Type (C=Comp, G=grab): <b>G</b> Matrix (Water, Solid, Other): <b>W</b>		Field Filtered Sample (Yes or No): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Perform MS/MSD (Yes or No): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 8015C DAL GL DSI Z-(2-butoxyethoxy)-ethanol: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Total Number of Containers: <b>3</b> Special Instructions/Note:	
Possible Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Deliverable Requested I, II, III, IV Other (specify): <b>4 report standard TAT, AECOM E-Quis EDD</b>		Prelim data (Level 1 or 2) - see TAT above. DoD Stage: <b>4</b>		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
Empty Kit Relinquished by: <b>Miranda Degarmo</b> Date/Time: <b>4/11/23 1130</b> Relinquished by: <b>Miranda Degarmo</b> Date/Time: <b>4/12/23 1520</b> Relinquished by:		Date/Time: <b>4/11/23 1130</b> Date/Time: <b>4/12/23 1030</b>		Date/Time: <b>4/11/23 1130</b> Date/Time: <b>4/12/23 1030</b>		Company: <b>AECOM</b> Company: <b>AECOM</b> Company:	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <b>4.7/5.7</b>		Ver: 01/16/2019	







**Chain of Custody Record**

<b>Client Information</b> Company: AECOM Address: 1001 Bishop St. Suite 1600 City: Honolulu State, Zip: Hawaii 96813 Phone: 808-954-4512 / 770-331-0794 Email: Watson Tanji (watson.tanji@aecom.com) / Mark Kromis (mark.kromis@aecom.com) Project Name: CTO N6274223F0104 Site: RH5F		Lab PM: Elaine Walker E-Mail: M.Elaine.Walker@EurofinsEI.com PWSID:		Sampler: <i>Joseph Williams</i> Phone: <i>224-455-7932</i>		Carrier Tracking No(s): ANWB State of Origin: Hawaii Page 1 of 1 Job #:		COC No: 2304W2AFE404	
Due Date Requested: see subcontract TAT Requested (days): <b>Rush - ASAP - 5 day</b> Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No PO #:		Analysis Requested:		Total Number of Containers: 3		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:		Preservation Codes: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO4 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 X - EDTA Y - EDA Z - other (specify)	
Sample Identification AF-HDMW225303-WGN01LF-2304W2		Sample Date: 4/11/23 Sample Time: 0955 Sample Type (C=comp, G=grab): G Matrix (W=water, S=solid, O=organic, B=biological, F=fumes, A=air): W		Field Filtered Sample (Yes or No): <input checked="" type="checkbox"/> No Perform MS/MSD (Yes or No): <input checked="" type="checkbox"/> No 15015c_DAL_GL_DS/2-(2-butoxyethoxy)-ethanol: <input checked="" type="checkbox"/> No		Special Instructions/Note:		Special Instructions/Note:	
Possible Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months		Prelim data (Level 1 or 2) = see TAT above. DoD Stage 4 report standard TAT. AECOM E-Quis EDD.		Method of Shipment:		Date/Time: 4/11/23 1130 Company: AECOM	
Deliverable Requested I II III, IV Other (specify)		Empty Kit Relinquished by: <i>Miranda Degarms</i>		Date/Time: 4/11/23 1520 Company: AECOM		Date/Time: 4/13/23 1030 Company:		Date/Time: 4-7/23 Company:	
Relinquished by: <i>Miranda Degarms</i>		Relinquished by:		Date/Time:		Date/Time:		Date/Time:	
Relinquished by:		Relinquished by:		Date/Time:		Date/Time:		Date/Time:	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks:		Cooler Temperature(s) °C and Other Remarks:		Cooler Temperature(s) °C and Other Remarks:	



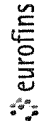
**Chain of Custody Record**

Unitid AND 010-01612735

<b>Client Information</b> Client Contact: <u>Mark Kromis</u> Phone: <u>808-954-4512</u> E-Mail: <u>M.Elaine.Walker@EurofinsET.com</u>		Lab P.M.: <u>Elaine Walker</u> E-Mail: <u>M.Elaine.Walker@EurofinsET.com</u>		Carrier Tracking No(s): <u>2304W2AFEAD02</u> Page: <u>Page 1 of 1</u> Job #:	
Address: <u>1001 Bishop St. Suite 1600</u> City: <u>Honolulu</u> State, Zip: <u>Hawaii 96813</u> Phone: <u>808-954-4512 / 770-331-0794</u> Email: <u>Watson.Tanji@eurofins.com / Mark.Kromis@eurofins.com</u> Project Name: <u>CTO N6274223F0104</u> Site: <u>RHSF</u>		PWSID Due Date Requested: <u>See subcontract</u> TAT Requested (days): <u>Rush - ASAP 5 day</u> Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No PO #: <u>60697810</u> WO #: <u>60697810</u> Project #: <u>60697810</u> SSGW#:		Analysis Requested State of Origin: <u>Hawaii</u>	
<b>Sample Identification</b> AF-RH-MW03-WGN01F-2304W2		Sample Date: <u>4-23-23</u>	Sample Time: <u>1:25</u>	Sample Type (C=Comp, G=grab): <u>G</u>	Matrix (Water, Solid, Other): <u>Water</u>
Perform MS/MSD (Yes or No): <input checked="" type="checkbox"/> A		Field Filtered Sample (Yes or No): <input checked="" type="checkbox"/> N		Total Number of Containers: <u>3</u>	
Special Instructions/Note: 80156_DAI_GL_DS/2-(2-butoxyethoxy)-ethanol		Preservation Codes: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)		Barcode: 580-126043 Chain of Custody	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological					
Deliverable Requested I II III IV Other (specify): <u>4 report standard TAT - AECOM EQUS EDD</u>					
Empty Kit Relinquished by: _____ Date: _____					
Relinquished by: <u>Mark Kromis</u> Date/Time: <u>4/23/23 1450</u>		Relinquished by: <u>Miranda DeBarno</u> Date/Time: <u>4/23/23 1520</u>		Relinquished by: <u>Miranda DeBarno</u> Date/Time: <u>4/23/23 1450</u>	
Relinquished by: _____ Date/Time: _____		Relinquished by: _____ Date/Time: _____		Relinquished by: _____ Date/Time: _____	
Custody Seal Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <u>4.7/5.3</u>	



# Chain of Custody Record



EP 10 Myn Tgs nr  
 Time Lx

U.N.T.A A.W.B 016-02612735

<b>Client Information</b> Company: AECOM Address: 1001 Bishop St. Suite 1600 City: Honolulu State, Zip: Hawaii 96813 Phone: 808-954-4512 / 770-331-0794 Email: Watson.Tanji@aecom.com / Mark.Kromis@aecom.com Project Name: CTO N6274223F0104 Site: RHSF		Lab P.M.: Elaine Walker E-Mail: M.Elaine.Walker@EurofinsET.com State of Origin: Hawaii Carrier Tracking No(s): AWB COC No: 2304W2AFEAO3 Page: Page 1 of 1 Job #:	
Due Date Requested: see subcontract TAT Requested (days): Rush - ASAP 5 days Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No PO #: WO #: Project #: 60697810 SOW#:		<b>Analysis Requested</b> 161501_DAL_GL_D5/2-(2-butoxyethoxy)-ethanol Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/> A Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> N Total Number of Containers <input checked="" type="checkbox"/> 3 Special Instructions/Note:	
<b>Sample Identification</b> AF-RHMW10-WGN01LF-2304W2 Sample Date: 4/11/23 Sample Time: 1373 Sample Type (C=Comp, G=grab): G Matrix (Liquid, Solid, Other): W Preservation Code:		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
<b>Possible Hazard Identification</b> <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested I II III, IV Other (specify) _____ Empty Kit Relinquished by _____ Relinquished by: <i>Miranda DeGarmo</i> Date: 4/11/23 Relinquished by: <i>Miranda DeGarmo</i> Date: 4/11/23 Relinquished by: _____ Date: _____ Relinquished by: _____ Date: _____			
<b>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</b> <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months Special Instructions/QC Requirements: DOD QSM project Method of Shipment: _____ Date/Time: 4/11/23 1545 Date/Time: 4/15/23 1030 Date/Time: _____ Cooler Temperature(s) °C and Other Remarks: 4.7/5.3 Custody Seal No: <input type="checkbox"/> Yes <input type="checkbox"/> No			





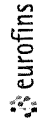
**Chain of Custody Record**

United ANWB 016-02612735

<b>Client Information</b>		Sampler: <i>JOJOE VILVANSOJ</i>		Lab PM: Elaine Walker		Carrier Tracking No(s): <b>ANWB</b>		COC No: 2304W2AFE04	
Client Contact:		Phone: <i>206-465-7530</i>		E-Mail: M.Elaine.Walker@EurofinsET.com		State of Origin: Hawaii		Page: Page 1 of 1	
Company: AECOM		PWSID:		Analysis Requested:		Job #:		Preservation Codes:	
Address: 1001 Bishop St. Suite 1600		Due Date Requested: see subcontract		Field Filtered Sample (Yes or No): <input checked="" type="checkbox"/> A		Total Number of Containers: 3		M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
City: Honolulu		TAT Requested (days): <i>Rush - <del>3</del> 5 day</i>		Perform MS/MSD (Yes or No): <input checked="" type="checkbox"/> X		Special Instructions/Note:			
State, Zip: Hawaii 96813		Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		8015C_DAI_GL_DS/2-(2-butylethoxy)-ethanol					
Phone: 808-954-4512 / 770-331-0794		PO #:		Sample Date: <i>4/11/23</i>		Sample Time: <i>0955</i>		Sample Type: <i>G</i>	
Email: Watson Tanji (watson.tanji@aecom.com) / Mark Kromis (mark.kromis@aecom.com)		WO #:		Sample Date: <i>4/11/23</i>		Sample Time: <i>0955</i>		Sample Type: <i>G</i>	
Project Name: CTO N6274223F0104		Project #: 60697810		Matrix (If water, specify container):		Preservation Code: <i>W</i>			
Site: RHSF		SSOW#:		Sample Type (C=comp, G=grab):		Preservation Code:			
Sample Identification		AF-HDMW225303-WGN01LF-2304W2		Sample Date: <i>4/11/23</i>		Sample Time: <i>0955</i>		Sample Type: <i>G</i>	
Possible Hazard Identification		<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Date: <i>4/11/23</i>		Time: <i>1130</i>		Company: <i>AECOM</i>	
Deliverable Requested I II III IV Other (specify)		4 report standard TAT - AECOM EQUIS EDD.		Date: <i>4/11/23</i>		Time: <i>1130</i>		Company: <i>AECOM</i>	
Empty Kit Relinquished by		Relinquished by: <i>Miranda DeCarma</i>		Date: <i>4/11/23</i>		Time: <i>1520</i>		Company: <i>AECOM</i>	
Relinquished by		Relinquished by: <i>Miranda DeCarma</i>		Date: <i>4/11/23</i>		Time: <i>1130</i>		Company: <i>AECOM</i>	
Relinquished by		Relinquished by: <i>Miranda DeCarma</i>		Date: <i>4/11/23</i>		Time: <i>1030</i>		Company: <i>AECOM</i>	
Custody Seal Intact: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <i>4.7/5.7</i>					



# Chain of Custody Record

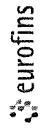


UNHSA ANB C16-02012795

<b>Client Information</b> Company: AECOM Address: 1001 Bishop St. Suite 1600 City: Honolulu State, Zip: Hawaii 96813 Phone: 808-954-4512 / 770-331-0794 Email: watson.tanji@aecom.com / Mark.Kromis@aecom.com Project Name: CTO N6274223F0104 Site: RHSE		Lab P.M.: Elaine Walker E-Mail: Elaine.Walker@EurofinsET.com Phone: 808-404-438 PWSID:		Camer Tracking No(s): 2304W2AFE01 State of Origin: Hawaii Page: Page 1 of 1 Job #:						
Due Date Requested: see subcontract TAT Requested (days): Rush - <del>5</del> 5 day Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No PO #: WO #: Project #: 60697810 SSONW#:		<b>Analysis Requested</b> Preservation Codes: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO4 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)								
<b>Sample Identification</b> AF-RHMW02-WGN01LF-2304W2		Sample Date: 4/14/23	Sample Time: 14:50	Sample Type (C=comp, G=grab): G	Matrix (Water, Solid, On-surface, Acid): W	Field Filtered Sample (Yes or No): N	Perform MS/MSD (Yes or No): N	8015C_DAL_GL_DS/2-(2-butoxyethoxy)-ethanol: A	Total Number of Containers: 3	Special Instructions/Note:
<b>Possible Hazard Identification</b> <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological <input type="checkbox"/> Empty Kit Relinquished by:										
Deliverable Requested I II III IV Other (specify) 4-report standard TAT, AECOM, EQUIS, EDD.										
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months										
Relinquished by: Matty Walker Date/Time: 4/14/23 14:50 Company: AECOM		Relinquished by: Miranda DeCarma Date/Time: 4/15/23 15:20 Company: AECOM		Relinquished by:		Relinquished by:		Relinquished by:		Relinquished by:
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Cooler Temperature(s) °C and Other Remarks: 4.7/5.3										



# Chain of Custody Record



Enrollment # 016-02612735  
Urted AWB 016-02612735

<b>Client Information</b> Company: AECOM Address: 1001 Bishop St. Suite 1600 City: Honolulu State: HI Zip: 96813 Phone: 808-954-4512 / 770-331-0794 Email: Watson.Tanji@aecom.com / Mark.Kromis@aecom.com Project Name: CTO N6274223F0104 Site: RHSF		Lab P.M.: Elaine Walker E-Mail: M.Elaine.Walker@EurofinsET.com State of Origin: Hawaii Carrier Tracking No(s): AWB COC No: 2304W2AFE06 Page: Page 1 of 1 Job #:	
Due Date Requested: see subcontract TAT Requested (days): Rush - ASAP 5 day Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No PO #: WO #: Project #: 60697810 SOW#:		<b>Analysis Requested</b> 15016_DAL_GL_DS/2-(2-butoxyethoxy)-ethanol Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/> A Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> N Total Number of containers: 3 Special Instructions/Note:	
<b>Sample Identification</b> AF-RHMW16-WGN01LF-2304W2 Sample Date: 4/12/23 Sample Time: 14:10 Sample Type (C=Comp, G=grab): G Matrix (Water, Solid, Other): W Preservation Code:		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
<b>Possible Hazard Identification</b> <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested I, II, III, IV Other (specify)			
<b>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</b> <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months Special Instructions/QC Requirements: DOD QSM project			
Empty Kit Relinquished by:		Method of Shipment:	
Relinquished by: <i>Christina Perez</i>		Date/Time: 4/12/23 11:37 Company: AECOM	
Relinquished by: <i>Handy Bumbay</i>		Date/Time: 4/19/23 10:30 Company:	
Relinquished by:		Date/Time:	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Cooler Temperature(s) °C and Other Remarks: 4.7/5.3	



# Login Sample Receipt Checklist

Client: AECOM

Job Number: 580-126043-1

**Login Number: 126043**

**List Number: 2**

**Creator: Johnson, Corey M**

**List Source: Eurofins Savannah**

**List Creation: 04/17/23 12:01 PM**

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	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?	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	
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	