ANALYTICAL REPORT

PREPARED FOR

Attn: Terri Choy AECOM 1001 Bishop Street Honolulu, Hawaii 96813 Generated 3/21/2023 5:10:10 PM

JOB DESCRIPTION

Red Hill - AFFF Assessment Sampling

JOB NUMBER

580-124759-1

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 3/21/2023 5:10:10 PM

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

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Client: AECOM

Project/Site: Red Hill - AFFF Assessment Sampling

Laboratory Job ID: 580-124759-1

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Case Narrative

Client: AECOM Job ID: 580-124759-1

Project/Site: Red Hill - AFFF Assessment Sampling

Job ID: 580-124759-1

Laboratory: Eurofins Seattle

Narrative

CASE NARRATIVE Client: AECOM

Project: Red Hill - AFFF Assessment Sampling Report Number: 580-124759-1

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

Two samples were received on 3/15/2023 10:45 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 5.1° 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-RHMW04-WGN01LF-2303W2 (580-124759-1) and AF-RHMW06-WGN01LF-2303W2 (580-124759-2) were analyzed for glycols in accordance with EPA SW-846 Method 8015B - DAI. The samples were analyzed on 03/19/2023.

The continuing calibration verification (CCV) associated with batch 680-768387 recovered above the upper control limit for 2-(2-Butoxyethoxy)ethanol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data has been reported. The associated samples are impacted: AF-RHMW04-WGN01LF-2303W2 (580-124759-1), AF-RHMW06-WGN01LF-2303W2 (580-124759-2), (CCV 680-768387/33), (CCV 680-768387/41), (580-124759-B-1 MS) and (580-124759-B-1 MSD).

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: 580-124759-1

Project/Site: Red Hill - AFFF Assessment Sampling

Qualifiers

GC Semi VOA

 Qualifier
 Qualifier Description

 M
 Manual integrated compound.

 Q
 One or more quality control criteria failed.

 U
 Undetected at the Limit of Detection.

Glossary

DL, RA, RE, IN

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
%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)

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)

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

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

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3/21/2023

Client Sample Results

Client: AECOM Job ID: 580-124759-1

Project/Site: Red Hill - AFFF Assessment Sampling

Client Sample ID: AF-RHMW04-WGN01LF-2303W2 Lab Sample ID: 580-124759-1

Date Collected: 03/13/23 10:10 Matrix: Water

Date Received: 03/15/23 10:45

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepare	d Analyzed	Dil Fac
2-(2-Butoxyethoxy)ethanol	3.0	UMQ	5.0	1.1	ma/L			03/19/23 05:05	1

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Client Sample Results

Client: AECOM Job ID: 580-124759-1

Project/Site: Red Hill - AFFF Assessment Sampling

Client Sample ID: AF-RHMW06-WGN01LF-2303W2 Lab Sample ID: 580-124759-2

Date Collected: 03/13/23 12:25 Matrix: Water

Date Received: 03/15/23 10:45

Method: SW846 8015C GLY - 0	Blycols- Dir	ect Injecti	on (GC/FID)							
Analyte	Result	Qualifier	LOQ	DL	Unit	I	D	Prepared	Analyzed	Dil
2-(2-Butoxyethoxy)ethanol	3.0	UMQ	5.0	1.1	mg/L				03/19/23 06:15	

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QC Sample Results

Client: AECOM Job ID: 580-124759-1

Project/Site: Red Hill - AFFF Assessment Sampling

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

Lab Sample ID: MB 680-768387/17 Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 768387

Prep Type: Total/NA MB MB

Result Qualifier LOQ DL Unit Analyzed Dil Fac Analyte Prepared 5.0 1.1 mg/L 03/18/23 21:44 2-(2-Butoxyethoxy)ethanol 3.0 U M

Lab Sample ID: LCS 680-768387/13 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 768387

Spike LCS LCS %Rec Added Result Qualifier D %Rec Limits Unit 20.0 24.5 50 - 150 2-(2-Butoxyethoxy)ethanol mg/L 123

Lab Sample ID: LCSD 680-768387/14 Client Sample ID: Lab Control Sample Dup Prep Type: Total/NA

Matrix: Water

Analysis Batch: 768387

Spike LCSD LCSD %Rec RPD Added Result Qualifier Limits RPD Analyte Unit %Rec Limit 2-(2-Butoxyethoxy)ethanol 20.0 23.7 50 - 150 mg/L

Lab Sample ID: 580-124759-1 MS Client Sample ID: AF-RHMW04-WGN01LF-2303W2 Prep Type: Total/NA

Matrix: Water

Analysis Batch: 768387

Spike MS MS %Rec Sample Sample Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits 2-(2-Butoxyethoxy)ethanol 3.0 UMQ 20.0 28.4 mg/L 142 50 - 150

Lab Sample ID: 580-124759-1 MSD Client Sample ID: AF-RHMW04-WGN01LF-2303W2

Matrix: Water

Analysis Batch: 768387

MSD MSD RPD Sample Sample Spike %Rec Analyte Result Qualifier Added Result Qualifier Limits RPD Unit %Rec Limit 50 - 150 2-(2-Butoxyethoxy)ethanol 3.0 UMQ 20.0 25.7 128 mg/L 10 50

Prep Type: Total/NA

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3/21/2023

Lab Chronicle

Client: AECOM Job ID: 580-124759-1

Project/Site: Red Hill - AFFF Assessment Sampling

Client Sample ID: AF-RHMW04-WGN01LF-2303W2

Lab Sample ID: 580-124759-1

Date Collected: 03/13/23 10:10 **Matrix: Water**

Date Received: 03/15/23 10:45

Batch Batch Dilution Batch **Prepared** Method Number Analyst or Analyzed **Prep Type** Type Run **Factor** Lab 03/19/23 05:05 Total/NA Analysis 8015C GLY 768387 JCK **EET SAV**

Client Sample ID: AF-RHMW06-WGN01LF-2303W2 Lab Sample ID: 580-124759-2

Date Collected: 03/13/23 12:25 **Matrix: Water**

Date Received: 03/15/23 10:45

Batch Batch Dilution Batch Prepared **Prep Type** Type Method Run Factor Number Analyst Lab or Analyzed Total/NA Analysis 8015C GLY 768387 JCK EET SAV 03/19/23 06:15

Laboratory References:

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

Eurofins Seattle

Accreditation/Certification Summary

Client: AECOM Job ID: 580-124759-1

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	

Eurofins Seattle

3/21/2023

Sample Summary

Client: AECOM Job ID: 580-124759-1

Project/Site: Red Hill - AFFF Assessment Sampling

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-124759-1	AF-RHMW04-WGN01LF-2303W2	Water	03/13/23 10:10	03/15/23 10:45
580-124759-2	AF-RHMW06-WGN01LF-2303W2	Water	03/13/23 12:25	03/15/23 10:45

5755 8th Street East Tacoma, WA 98424

Chain of Custody Record

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Environment Testing America

Client Information	Sampler.	, Shice	ely	Lab Ela	PM: ine Wa	lker	····						amer T edEx		g No(s) :			COC No: 2303W	2AFEA)8		
Client Contact:	Phone: 856-			E-M M.E	ail: laine.\	Valke	er@E	urofir	nsET.	.com			ate of				1		Page: Page 1	of 1			
Company: AECOM		***************************************	PWSiD:						An	alys	is R	equ	este	d			1		Job#:				
Address: 1001 Bishop St. Suite 1600 City:	Due Date Request see subcontract TAT Requested (di	t															1		A - HCL B - NaOt		M - Hex	:	
Honokulu State, Zip: Hawaii 96813	Compliance Projec	Rush - A			4	thanol									$ \cdot $		100		C - Zn Ad D - Nitric E - NaHS	Acid O4	O + AsN: P + Na2(Q - Na2)	045 003	
Phone: 808-954-4512 / 770-331-0794	PO#:				2	thoxy)-				V	N			1				200 400	F - MeOt G - Amch H - Ascor I - Ice	for	R - Na25 S - H2S0 T - TSP U - Acet)4 Dodecah	ydrate
Ernall: Watson Tanji (watson.tanji@aecom.com)/ Mark Kromis (mark.kromis@aecom.com) Project Name:	WO#: Project#:				Sample (Yes or No ISD (Yes or No)	utoxy			4	M		1	J'						J - DI Wa K - EDTA		V - MCA W - pH 4	A.	
CTO N6274223F0104 Site: RHSF	60697810 SSOW#:					/2-(2-k				Y	1	3)						₹,	L-EDA Other:		Z - other	(specify))
RHSF									<i>\</i>									75					
Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Wowster, Sexold, Oweste/ol, BT=Ylaxue, AnAlr)	Field Filtere								300 SEC 72	20 2000		e de la constanta		Total Number	Sp	ecial Ir	structio	ns/Note	e:
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Possible Hazard Identification Non-Hazard Flammable Skin Imitant Poison B	un known	Radio	logical		1	\beth_R	eturn	То С	lient		100	Disp	osa/	By La	b		-		d longe re For_	er than	1 month) Mon		
Deliverable Requested: I, II, III, IV, Other (specify)	Prelim data (Levi	el 1or2)=se TAT. AEC	e TAT abov	ve. DoD Stag S EDD.	ge Spi	ecial	Instru	ction	s/QC	Req	uirem	ents											
Empty Kit Relinquished by:		Date:	•		Time:									od of	•		1						
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Environment Testing

Ver: 01/16/2019

Chain of Custody Record America Tacoma, WA 98424 Cernier Tracking No(s): Lab РМ: Elaine Walker FedEx 2303W2AFEA09 Client Information State of Origin: Client Contact M.Elaine.Walker@EurofinsET.com Page 1 of 1 Company **Analysis Requested** AECOM Due Date Requested: Preservation Codes: Address: see subcontract 1001 Bishop St. Suite 1600 B - NaCH N - None TAT Requested (days): City: C - Zn Acetate O - AsNaO2 Rush - ASAP Henolulu 8815C_DALGL_D5/2-(2-butoxyethoxy)-ethanol D - Nitric Acid P - Na2O4S State, Zip: Q - Na2SO3 E - NaHSO4 Compliance Project: A Yes A No Hawaii 96813 F-MeOH R - Na2S2O3 G - Amonior S - H25O4 808-954-4512 / 770-331-0794 H - Ascorbic Add T - TSP Dodecahydrate 1-fce U - Acetone J - DI Water V - MCAA Watson Tanji (watson.tanji@aecom.com)/ Mark Kromis (mark.kromis@aecom.com) K - EDTA W - pH 4-5 L-EDA 2 - other (specify) CTO N6274223F0104 60697810 RHSF Sample Matrix Type (W=water. S=solini, (C=comp, Sample Special Instructions/Note: Sample Date Time G=grab) Sample Identification Preservation Code: A 3 х AF-RHMW06-WGN01LF-2303W2 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For Month Possible Hazard Identification Return To Client Non-Hazard Flammable Skin Irritant Poison B omknown Radiological Prelim data (Level 1or2)=see TAT above. DoD Stage 4 report standard TAT. AECOM FOulS EDD. Special Instructions/QC Requirements: DOD QSM project. Deliverable Requested: I, II, III, IV, Other (specify) Time: Empty Kit Relinquished by: Date: AECC1 Date/Time: James Hason 1340 AECOM Bling Relinquished by: James Mason 1400 **MECOM** Relinquished by: Cooler Temperature(s) °C and Other Remarks:

Eurofins FGS, Seattle

Custody Seals Intact | Custody Seal No.:

Δ Yes Δ No

5755 8th Street East

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5755 8th Street East Tacoma, WA 98424	Chain of Custody Record	ody Record		Environi America	Environment Testing America
Client Information	Sampler Shively	Lab PM: Elaine Walker	Carrier Tracking No(s): FedEx	COC No: 2303W2AFEA08	
act	Phone: 856- 438-7710	E-Mail: M.Elaine.Walker@EurofinsET.com	State of Origin: Hawaii	Page: Page 1 of 1	
Company: AECOM	PWSID:	Analysis Requested	equested	Job #:	
hop St. Suite 1600	Due Date Requested: see subcontract			Preservation Codes: A-HCL M-Hexane	Je
ı	TAT Requested (days): Rush - ASAP	Ia		B - NaOH N - None C - Zn Acetate O - AsNaO2	02
State, Zip: Hawaii 96813	Compliance Project: A Yes A No	nedia			2 8 5 3 8 4
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om)/ Mark Kromis (mark.kromis@aecom.com)	WO#:	(on.)	i - Ice J - Di Water	ne
	Project #: 60697810	inq-z)-		K - EDTA W - pH 4-5 L - EDA Z - other (specify)	.5 (specify)
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AF-RHMW04-WGN01LF-2303W2	7/12/12 15/D G	z		3	
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	NO				
		01212			
Possible Hazard Identification Non-Hazard — Flammable — Skin Irritant — Poison B	3 Unknown Radiological	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month, Return To Client Disposal By Lab	e assessed if samples are re Disposal By Lab	etained longer than 1 month) Archive For Months	ths
ested: I, II, III, IV, Other (specify)	Prelim data (Level 1or 4 report standard TAT	DoD Stage Special Instructions/QC Requirements: DOD QSM project.	nents: DOD QSM project.		
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Relinquished by:		Company Received by:	Date/Time:	Company	
Custody Seals Intact: Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:	Remarks:	121	
				Ver: 01/16/2019	16/2019

Eurofins FGS, Seattle 5755 8th Street East Tacoma, WA 98424	Chain of Custody Record	ustody Rec	cord		💸 eurofins	Environment Testing America
Client Information Client Contact:	Sampler JIVU SNV	Elaine V E-Mail: M Elaine	Lab PM: Elaine Walker E.Mail: M Flaine Walker@FurofinsET.com	Carrier Tracking No(s): FedEx State of Origin: Hawaii	COC No: 2303W2AFEA09 Page: Page 1 of 1	60
Company: AECOM	- Main		Analysis Requested	equested	Job #:	
Address: 1001 Bishop St. Suite 1600	Due Date Requested: see subcontract				Preservation Codes:	
Gity. Honolulu	TAT Requested (days): Rush - ASAP		lor		B - NaOH C - Zn Acetate D - Nitric Acid	N - None O - AsNaO2 P - Na2O4S
State, Zip: Hawaii 96813	Compliance Project: A Yes A No		istle-		E-NaHSO4 F-MeOH	
Phone: 808-954-4512 / 770-331-0794	PO#	(on			G - Amchlor H - Ascorbic Acid	
m)/ Mark Kromis (mark.kromis@aecom.com)	WO#	os ot		T T T T T T T T T T T T T T T T T T T		
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Sample Identification	Sample Date Time G=grab)	O=waste/oil, BT=Tissue, A=Air)		301		Special Instructions/Note:
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Possible Hazard Identification Non-Hazard				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Return To Client Mont	etained longer tha Archive For	n 1 month) Months
ested: I, II, III, IV, Other (specify)	Prelii	above. DoD Stage	Speci	nents: DOD QSM project.		
Empty Kit Relinquished by:	Date:	Г	Time:	Method of Shipment:		
Relinguished by:	Date/Times /2 1340	Company AECOM	Same	Mason Date/Time: 3/2/2	3 134	
Reinfushed by James Mason	Date/Time: 1400	AECOM AECOM	Received by	Date/Times //5/	123 logi	10
Relinquished by:	Date/Time:	Company	Received by:	Date/Ime		Company
Custody Seals Intact Custody Seal No.:			Cooler Temperature(s) °C and Other Remarks:	Remarks:	5.115.	/
						Ver: 01/16/2019

Eurofins FGS, Seattle 5755 8th Street East Tacoma, WA 98424	Chain of	Chain of Custody Record	ecord		🚜 eurofins Envronn Amer ca	Env ronmert Testing Ame: ca
Client Information	Sampler Shively		Lab PM: Elaine Walker	Carrier Tracking No(s): FedEx	COC No: 2303W2AFEA08	
	438-	0	E-Mail: M Elaine.Walker@EurofinsET com	State of Origin. Hawaıı	Page: Page 1 of 1	
Company: AECOM		PWSID	Analysis Requested	equested	Job #:	
Address. 1001 Bishop St. Suite 1600	Due Date Requested: see subcontract					ane
City Honolulu	TAT Requested (days): Rush - ASAP	a .	Ic		B - NaOH N - Nor C - Zn Acetate O - Ash	N - None O - AsnaO2
State, Zp Hawaii 96813	Compliance Project: A Yes A No	0	onsdie			SO3
Phone: 808-954-4512 / 770-331-0794	PO #:			7		Oodecahydrate
Email. Watson Tanji (watson.tanji@aecom.com)/ Mark Kromis (mark.kromis@aecom.com)	WO #:		(oN	\$10	I - Ice J - DI Water	tone
Project Name: CTO N6274223F0104	Project #: 60697810		io sex	nistac	K - EDTA L - EDA	W - pH 4-5 Z - other (specify)
Site: RHSF	SSOW#:) asv	. of co	Other .	
	S	Sample Matrix Type (W=water	d Filtered form MS/N ic_bAl_eL	edmuM la	animat u	
Sample Identification		- 10	Pen	301	Special Instructions/Note:	ons/Note:
	X	Preservation Code:	▼ X	X		
AF-RHMW04-WGN01LF-2303W2	3/13/13 1010	G W	×	Ω		
		7 1/1		580-124759 Chain of Custody	in of Custody	
		MI	11/2/12			
The second secon						
Possible Hazard Identification Mon-Hazard	Trknown Radiological	rical	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	e assessed if samples are reta Disposal By Lab	etained longer than 1 mont	n rth) Months
Deliverable Requested I, II III IV, Other (specify)	Prelim data (Level 10r	2)=see TAT above DoD Stag	Speci	DOD QSM project.		
Empty Kit Relinquished by	4 report statutation for exp. Date:		Time	Method of Shipment:		
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James the	Date/Time; 3/13/23 1400			Date/Simble B	3 1045	ź.
	Date/Time:	Company	Received by	Date/Time:	Сотралу	λ _ε
Custody Seals Intact: Custody Seal No. △ Yes △ No			Cooler Temperature(s) °C and Other Remarks:	Remarks: $S(S)$, (
				•	Ver 0	Ver 01/16/2019

Eurofins FGS, Seattle 5755 8th Street East Tacoma, WA 98424	Chain of	Chain of Custody Record	ecord		💸 eurofins 🕬	Env. onment Testing America
Client Information	Sampler Shively		Lab PM: Elaine Walker	Carrier Tracking No(s): FedEx	COC No: 2303W2AFEA08	
	438-	Q	E-Mail: M Elaine Walker@EurofinsET com	State of Origin Hawaii	Page: Page 1 of 1	
Company AECOM		PWSID-	Analysis Requested	equested	Job #:	
Address: 1001 Bishop St. Suite 1600	Due Date Requested see subcontract					:S: M - Hexane
Gity Honolulu	TAT Requested (days): Rush - ASAP	ď	Ic		B - NaOH N - N C - Zn Acetate O - A	N - None O - AsNaO2
State, Zp Hawaii 96813	Compliance Project: A Yes A No	O.	oueqja			a2045 a2503
Phone: 808-954-4512 / 770-331-0794	PO #:			14		2SO4 SP Dodecahydrate
)aecom.com)/ Mark Kromis (mark.kromis@aecom.com)	WO#:		(o)) \?	I - Ice J - DI Water	U - Acetone V - MCAA
sct Name: O N6274223F0104	Project #: 60697810		o se,		K-EDTA L-EDA	W - pH 4-5 Z - other (specify)
	SSOW#:		NSD (r of c	
	Sample	Matrix (W=water S=solid, O=wastc/oll,	eiderm MS/I		otal Numbe	. Story
Sample Identification	Sample Date IIMe G		4			dollariote.
AF-RHMW04-WGN01LF-2303W2	3112/123 1010		×			
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				580-124759 CI	580-124759 Chain of Custody	
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Possible Hazard Identification Non-Hazard		gical	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	e assessed if samples are re ■ Disposal By Lab	etained longer than 1 mon Archive For	o nth) Months
ssted I, II III, IV Other (specify)		evel 1or2)=see TAT above DoD Stag	Prelim data (Level 10r2)=see TAT above DoD Stage Special Instructions/QC Requirements. DOD QSM project.			
Empty Kit Relinquished by			Time	Method of Shipment:		
Reinquished by	Date/Time: 23 (5)	SAC Company AECOM	Received by:) a wy > 5	Date/Time:	s 340	any
James Tha	3/23	1400 AETOM		Salut Date O	53 104S Company	oany
	Date/Time:	Company	Received by:	Date/Time: /	Company	oany
Custody Seals Intact: Custody Seal No			Cooler Tempërature(s) °C and Other Remarks:	r Remarks:	15.1	
				26	Ver	Ver 01/16/2019

	Client Information Client Contact	13	320		/alker			COC No 2303W2AFEA09 Page:	
		256	`	M Elaine	M Elaine Walker@EurofinsET com	эт Наман		Page 1 of 1	
<u>8 ₹</u>	Company AECOM		PWSID:		Ana	Analysis Requested		Job #:	
A 2	hop St. Suite 1600	Due Date Requested: see subcontract					*	Preservation Codes A-HCL	es. M Hexane
δĬ	Action 2014 Action 10 To Control of Control	TAT Requested (days): Rush - ASAP	ASAP		lo			B - NaOH C Zn Acetate	
<u>lö ï</u>	State, Zip: Hawaii 96813	Compliance Project: △ Yes	A No		nsrhe		- 1		P - Na204S Q - Na2SO3 D - Na2SO3
<u> ₹</u> 8	ļ	PO#:		(on	-(Axoų				S H2SO4
<u> </u>	Email Watson Tanji (watson.tanji@aecom.com)/ Mark Kromis (mark.kromis@aecom.com)	.#OM		10 S8		\$ 1 m			U - Aœtone V - MCAA
<u>E 0</u>	Į	Project #- 60697810		Y) əld			sales and service	K-EDTA L-EDA	W pH 4-5 Z - other (specify)
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ام 🔳	Possible Hazard Identification Non-Hazard — Flammahle — Skin Irriant — Poison B	mknown Kadi	logical		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Return To Client Sisposal By Lab Hothive For Month	se may be assessed if sar	samples are retain	etained longer than '	(month)
ľď	sted I II IV Other (specify)	Prelim data (Level 1or2)=see TAT above DoD Stage	se TAT above		Special Instructions/QC Requirements: DOD QSM project.	Requirements: DOD (
<u> </u> <u> </u>	Empty Kit Relinquished by:	4 report standard LAL Ar		Time	Je.	Method	Method of Shipment		
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&	Transfer, and the second secon	Date/Time:	ပိ	Сотрапу	Received by:		Date/Time# /	,	Company
L	Custody Seals Infact Custody Seal No.				Cooler Temperature(s) °C and Other Remarks:	3 and Other Remarks:	,	5.115.1	
J									Ver 01/16/2019

💸 eurofins Environment Testing

Chain of Custody Record

Eurofins FGS, Seattle 5755 8th Street East Tacoma, WA 98424

Client: AECOM Job Number: 580-124759-1

List Source: Eurofins Savannah
List Number: 2
List Creation: 03/17/23 08:07 PM

Creator: Johnson, Corey M

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?	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	

True

N/A

Samples do not require splitting or compositing.

Residual Chlorine Checked.