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

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PREPARED FOR

JOB DESCRIPTION

Red Hill - AFFF Assessment Sampling

ANALYTICAL REPORT

JOB NUMBER

580-126297-1

Eurofins Seattle 5755 8th Street East Tacoma WA 98424

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

M. Elaine Walker

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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: 580-126297-1

Project/Site: Red Hill - AFFF Assessment Sampling

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Case Narrative

Client: AECOM Job ID: 580-126297-1

Project/Site: Red Hill - AFFF Assessment Sampling

Job ID: 580-126297-1

Laboratory: Eurofins Seattle

Narrative

CASE NARRATIVE

Client: AECOM
Project: Red Hill - AFFF Assessment Sampling
Report Number: 580-126297-1

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 4/19/2023 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 2.7° 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-RHMW17D-WGN01LF-2304W2 (580-126297-1), AF-RHMW17D-WQFB01-2304W2 (580-126297-2), AF-RHMW17-WGN01LF-2304W2 (580-126297-3), AF-RHMW06-WGN01LF-2304W2 (580-126297-4) and AF-RHMW04-WGN01LF-2304W2 (580-126297-5) were analyzed for glycols in accordance with EPA SW-846 Method 8015B - DAI. The samples were analyzed on 04/23/2023.

No 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: 580-126297-1

Project/Site: Red Hill - AFFF Assessment Sampling

Qualifiers

GC Semi VOA

 Qualifier
 Qualifier Description

 M
 Manual integrated compound.

 U
 Undetected at the Limit of Detection.

Glossary

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

DLC Decision Level Concentration (Radiochemistry)

EDL Estimated Detection Limit (Dioxin)

LOD Limit of Detection (DoD/DOE)

LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level"

MDA Minimum Detectable Activity (Radiochemistry)

MDC Minimum Detectable Concentration (Radiochemistry)

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

NC Not Calculated

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

NEG Negative / Absent
POS Positive / Present

PQL Practical Quantitation Limit

PRES Presumptive
QC Quality Control

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

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

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

TNTC Too Numerous To Count

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Client: AECOM Job ID: 580-126297-1

Project/Site: Red Hill - AFFF Assessment Sampling

Client Sample ID: AF-RHMW17D-WGN01LF-2304W2 Lab Sample ID: 580-126297-1

Date Collected: 04/14/23 11:45 **Matrix: Water**

Date Received: 04/19/23 10:30

	Method: SW846 8015C	GLY	- Glycols-	Direct Injection	(GC/FID)
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Analyte		alifier LOQ	DL Unit	D	Prepared	Analyzed	Dil Fac
2-(2-Butoxyethoxy)ethanol	30 UM	5.0	1.1 mg/l			04/23/23 06:01	1

Client: AECOM Job ID: 580-126297-1

Project/Site: Red Hill - AFFF Assessment Sampling

Client Sample ID: AF-RHMW17D-WQFB01-2304W2 Lab Sample ID: 580-126297-2

Date Collected: 04/14/23 10:45 Matrix: Water

Date Received: 04/19/23 10:30

Analyte	Result Qualifier	LOQ	DL Unit	D	Prepared	Analyzed	Dil Fac
2-(2-Butoxyethoxy)ethanol	30 11	5.0	1.1 mg/l			04/23/23 07:10	

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Client: AECOM Job ID: 580-126297-1

Project/Site: Red Hill - AFFF Assessment Sampling

Client Sample ID: AF-RHMW17-WGN01LF-2304W2 Lab Sample ID: 580-126297-3

Date Collected: 04/14/23 09:55 Matrix: Water

Date Received: 04/19/23 10:30

Analyte	Result	Qualifier	LOQ	DL (Unit	D	Prepared	Analyzed	Dil Fac	
2-(2-Butoxyethoxy)ethanol	3.0	U	5.0	1 r	ma/l			04/23/23 07:33		

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Client: AECOM Job ID: 580-126297-1

Project/Site: Red Hill - AFFF Assessment Sampling

Client Sample ID: AF-RHMW06-WGN01LF-2304W2 Lab Sample ID: 580-126297-4

Date Collected: 04/14/23 10:30 Matrix: Water

Date Received: 04/19/23 10:30

Analyte	Result	Qualifier	LOQ	DL U	Jnit	D	Prepared	Analyzed	Dil Fac	
2-(2-Butoxyethoxy)ethanol	3.0	U	5.0	11 n	na/l			04/23/23 07:57		

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Client: AECOM Job ID: 580-126297-1

Project/Site: Red Hill - AFFF Assessment Sampling

Client Sample ID: AF-RHMW04-WGN01LF-2304W2 Lab Sample ID: 580-126297-5

Date Collected: 04/14/23 09:10 Matrix: Water

Date Received: 04/19/23 10:30

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
2-(2-Butoxyethoxy)ethanol	3.0	U	5.0	1.1	mg/L			04/23/23 08:20	1

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Client: AECOM Job ID: 580-126297-1

Project/Site: Red Hill - AFFF Assessment Sampling

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

Lab Sample ID: MB 680-774807/9 Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 774807

MB MB Result Qualifier LOQ DL Unit Analyzed Dil Fac Analyte D Prepared 5.0 1.1 mg/L 04/23/23 04:05 2-(2-Butoxyethoxy)ethanol 3.0 U

Lab Sample ID: LCS 680-774807/5 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 774807

Spike LCS LCS %Rec Added Result Qualifier D %Rec Limits Unit 20.0 16.8 50 - 150 2-(2-Butoxyethoxy)ethanol mg/L 84

Lab Sample ID: LCSD 680-774807/6 Client Sample ID: Lab Control Sample Dup Prep Type: Total/NA

Matrix: Water

Analysis Batch: 774807

Spike LCSD LCSD %Rec RPD Added Result Qualifier Limits RPD Analyte Unit %Rec Limit 2-(2-Butoxyethoxy)ethanol 20.0 16.7 84 50 - 150 mg/L

Lab Sample ID: 580-126297-1 MS Client Sample ID: AF-RHMW17D-WGN01LF-2304W2 Prep Type: Total/NA

Matrix: Water

Analysis Batch: 774807

Spike MS MS %Rec Sample Sample Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits 2-(2-Butoxyethoxy)ethanol 3.0 U M 20.0 16.7 mg/L 83 50 - 150

Lab Sample ID: 580-126297-1 MSD Client Sample ID: AF-RHMW17D-WGN01LF-2304W2

Matrix: Water

Analysis Batch: 774807

MSD MSD RPD Sample Sample Spike %Rec Analyte Result Qualifier Added Result Qualifier Limits Unit %Rec Limit 2-(2-Butoxyethoxy)ethanol 3.0 U M 20.0 17.0 85 50 mg/L 50 - 150

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4/26/2023

Prep Type: Total/NA

Prep Type: Total/NA

Job ID: 580-126297-1

Matrix: Water

Project/Site: Red Hill - AFFF Assessment Sampling

Client Sample ID: AF-RHMW17D-WGN01LF-2304W2

Lab Sample ID: 580-126297-1 **Matrix: Water**

Date Collected: 04/14/23 11:45 Date Received: 04/19/23 10:30

Client: AECOM

Batch Dilution Batch Batch Prepared Method Number Analyst or Analyzed **Prep Type** Type Run **Factor** Lab 04/23/23 06:01 Total/NA 8015C GLY GEM EET SAV Analysis 774807

Client Sample ID: AF-RHMW17D-WQFB01-2304W2

Lab Sample ID: 580-126297-2

Date Collected: 04/14/23 10:45 Date Received: 04/19/23 10:30

Batch Batch Dilution Batch **Prepared Prep Type** Type Method Run **Factor Number Analyst** Lab or Analyzed 04/23/23 07:10 Total/NA Analysis 8015C GLY 774807 GEM EET SAV

Client Sample ID: AF-RHMW17-WGN01LF-2304W2 Lab Sample ID: 580-126297-3

Date Collected: 04/14/23 09:55 **Matrix: Water**

Date Received: 04/19/23 10:30

Batch Batch Dilution Batch Prepared or Analyzed **Prep Type** Method **Factor Number Analyst** Type Run Lab 04/23/23 07:33 EET SAV Total/NA Analysis 8015C GLY 774807 GEM

Client Sample ID: AF-RHMW06-WGN01LF-2304W2 Lab Sample ID: 580-126297-4

Matrix: Water Date Collected: 04/14/23 10:30

Date Received: 04/19/23 10:30

Batch Batch Dilution Batch **Prepared Prep Type** Method **Number Analyst** or Analyzed Type Run **Factor** Lab Analysis 8015C GLY 774807 GEM EET SAV 04/23/23 07:57 Total/NA

Client Sample ID: AF-RHMW04-WGN01LF-2304W2 Lab Sample ID: 580-126297-5

Date Collected: 04/14/23 09:10 **Matrix: Water**

Date Received: 04/19/23 10:30

Batch Batch Dilution Batch Prepared Method Number Analyst Factor or Analyzed **Prep Type** Type Run Lab 04/23/23 08:20 Total/NA Analysis 8015C GLY 774807 GEM **EET SAV**

Laboratory References:

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

Eurofins Seattle

4/26/2023

Accreditation/Certification Summary

Client: AECOM Job ID: 580-126297-1

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 ANAB		rogram ept. of Defense ELAP	L2463	Expiration Date 09-22-24
The following analyte the agency does not	•	ort, 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: 580-126297-1

Project/Site: Red Hill - AFFF Assessment Sampling

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	
580-126297-1	AF-RHMW17D-WGN01LF-2304W2	Water	04/14/23 11:45	04/19/23 10:30	
580-126297-2	AF-RHMW17D-WQFB01-2304W2	Water	04/14/23 10:45	04/19/23 10:30	
580-126297-3	AF-RHMW17-WGN01LF-2304W2	Water	04/14/23 09:55	04/19/23 10:30	
580-126297-4	AF-RHMW06-WGN01LF-2304W2	Water	04/14/23 10:30	04/19/23 10:30	
580-126297-5	AF-RHMW04-WGN01LF-2304W2	Water	04/14/23 09:10	04/19/23 10:30	

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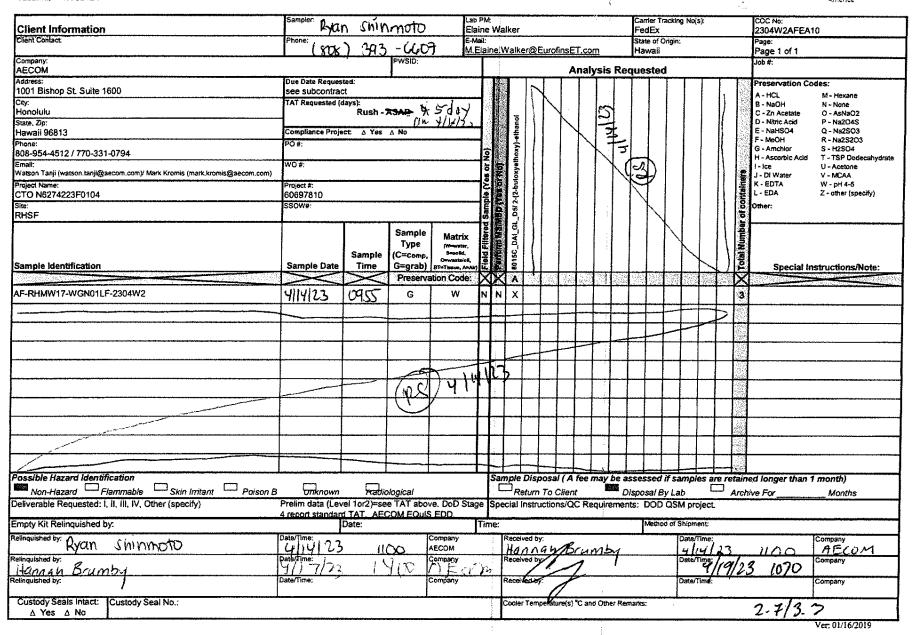
Chain of Custody Record

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Client Information	Sampler: /Ly au Phone:	کی ۔	Lulun	widz			Wall	ker						Fedi		Allay is	iu(S).			2304W2AF	EA11	l	
Client Contact:	Phone:	393-	660	7	E-M M.E		ne.W	alker	@Eur	ofinsl	ET.co	m.		State Haw	of Ori aii	gin:				Page: Page 1 of 1	_		
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City: Honolulu State, Zip:	- IAI Reques	ec (cay	Rush - /	ASAP		2	1	-								İ		1		B - NaOH C - Zn Acetat		N - None O - AsNaO:	
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Phone: 808-954-4512 / 770-331-0794 Email:	PO#:					2		- X						4	ьĮ	1				G - Amchior H - Ascorbic A	cid	R - Na2S20 S - H2SO4	decahydrate
Watson Tanji (watson.tanji@aecom.com)/ Mark Kromis (mark.kromis@aecom.com)	WO#:			***************************************	***************************************	o	HISTORY OF NO	oxyet						$\langle \rangle \rangle$	7				20	I-ice J∝D!Water		U - Acetons V - MCAA	
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CTO N6274223F0104 Site: RHSF	SSOW#:					- du	N H	05/2			<u></u>	9							ojo	Other:			İ
Sample Identification	Sample D		Sample Time	Sample Type (C=comp, G=grab)		eld Filterec	-	8015C_DAI_GL_D5/ 2-(2-butoxyethoxy)-ethanol						N. 20 S		come ha			Total Number	Speci	al Ins	tructions	Note:
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Chain of Custody Record

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5755 8th Street East Tacoma, WA 98424

Chain of Custody Record

Client Information	Sampler: Nat	e Hoo	sten	Lat Ek	PM:	Walke	er						Carrie FedE	r Traci	dng Ni	o(s):			COC No: 2304W2AFEA	09	
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Company. AECOM			PWSID:	i latin	T					Anal			-						Job#:		
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City: Honolulu State, Zip:	TAT Requested (d	lays): Rush - /					pue										1		A - HCL 8 - NaOH C - Zn Acetate D - Nitric Acid	M - Hexane N - None O - AsNaO2 P - Na2O4S	
Hawaii 96813 Phone:	Compflance Proje PO #:	ct: A Yes	A No		-[ž.								1			200	E - NaHSO4 F - MeOH G - Amchior	Q - Na2SQ3- R - Na2S2Q3 S - H2SQ4	
808-954-4512 / 770-331-0794 Email:	WO#:				- N	ş	yetho						4					100	H - Ascorbic Acid I - Ice	T - TSP Dode U - Acetone	cahydrate
Watson Tanji (watson.tanji@aecom.com) Mark Kromis (mark.kromis@aecom.com) Project Name:	Project#:		*************		Sample (Yes or	SD (Yes or Ho)	Put ox				14	5	$\sqrt{2}$,				liner	J - DI Water K - EDTA	V - MCAA W - pH 4-5	
CTO N6274223F0104 Site:	60697810 SSOW#:	•••			를	3	12.42					111	4					LOU	L - EDA Other:	Z - other (spec	cify)
RHSF					15		2					İ						t of	Vuai.		
Sample Identification	Sample Date	Sample Time		Matrix (W=water, S=solid, C=wasteriot, BT=Theore, A=Ali	Field Fittere	Parform MS/N	8015C_DAI_GL_DS/ 2.[2-butoxyethoxy] ethanol	1	1									Tetal Number of contain	Special li	nstructions/N	ote:
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Deliverable Requested: I, II, III, IV, Other (specify)	Prelim data (Lev	rel 1or2)=sec	ods TAT e	/e. DoD Sta	ge S	pecia	al Ins	truction	ons/C	C Re	quire	ment	: DC	DQ.	SM p	rojec	L.	CTIN	ve ror	Months	
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Δ Yes Δ No							, · ·	рега	w (43)	Cart	- Ould		, A.J.			***************************************	6	۷.	7/3.0	<u> </u>	
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5755 8th Street East Tacoma, WA 98424

Chain of Custody Record

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Client Information	Sampler: Kalthin O	e 440,000 00	^		PM: ine V	Valker	,						nier Tr edEx	icking	No(s):			COC No: 2304W2AFEA0	8
Client Contact:	Phone:			E-1	laii:			· F			- 	Sta	ite of C	ngin:				Page:	
Company:	614-55.	n-(0 13	PWSID:	<u>JM.</u>	Elain	e.Walk	(er@E	urom			<u> </u>		waii					Page 1 of 1 Job#:	
AECOM			<u> </u>		1			,	An	alys	is R	eque	stec	<u> </u>					
Address: 1001 Bishop St. Suite 1600	Due Date Request see subcontrac							\									300	Preservation Co	des: M - Hexane
City: Honolulu	TAT Requested (d	ays): Rush 🐬	SAP 5	491/		1,					1							B - NaOH C - Zn Acetate	N - None O - AsNaO2
State, Zip: Hawaii 96813	Compliance Proje	ct ∆ Yes	ΔNo		-	a e											100	D - Nitric Acid E - NaHSO4 F - MeOH	P - Na2O4S Q - Na2SO3 R - Na2S2O3
Phone: 808-954-4512 / 770-331-0794	PO#:				ş	Jox A				14	7							G - Amchlor H - Ascorbic Acid	S - H2SO4 T - TSP Dodecahydrate
Emaîl: Watson: Tanji (watson.tanji@aecom.com)/ Mark Kromis (mark.kromis@aecom.com)	WO#:				ō 88	toxys					4	1/1	4,					I - ice J - DI Water	U - Acetone V - MCAA
Project Name: CTO N6274223F0104	Project #: 60697810				Semple (Yes or N	4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	.					$\frac{1}{2}$	43				milair	K - EDTA L - EDA Other:	W - pH 4-5 Z - other (specify)
Site: RHSF	SSOW#:				Sem	05/2	.			i							ō	1	
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Sample Identification	Sample Date	Time		BT-TESS. A-A	恸	7				33 S	1					¥ 	攴	Special In	structions/Note:
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Empty Kit Relinquished by:		Date:	OWLOUS	<u> </u>	Timi) :							Metho	d of Sh	ipmen	2	***************************************		
Relinquished by: 1CaiHun Osierman	Date/Time: リルノス3	, (1)		Company AECOM		Rece	eived by Anna	in E	3516	Mh	_			D	ite/Tim	e: 333	11	20	Company AECOM
Kaithn Osterman Elinquished by: Hannan Brumbn	Date/Time:		(N)	Company AECO M	1		eived by			1	7				ate/Tim		g/2	7 1070	Company
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Custody Seals Intact: Custody Seal No.: Δ Yes Δ No						Cool	er Tem	peralui	ne(s) °C	and (Other F	emark	s:	!_	:			2.7/3.	Ver: 01/16/2019

N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2SO3
S - H2SO4
T - TSP Dodecahydrate 5 U - Acetone V - MCAA W - pH 4-5 Z - other (specify) Special Instructions/Note: Months Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For Mont reservation Codes COC No: 2304W2AFEA11 D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid 1030 1388 Page Page 1 of 1 I - Ice J - DI Water K - EDTA L - EDA 2.7 580-126297 Chain of Custody Total Number of containers က က DECAMO 41423 Special Instructions/QC Requirements DOD QSM project. Method of Shipment: Carrier Tracking No(s): FedEx State of Origin Hawaii **Analysis Requested** Cooler Temperature(s) °C and Other Remarks: Lab PW: Elarne Walker E-Mail: M Elarne.Walker@EurofinsET com MICARIA A
Received W: × × 8015C_DAI_GL_D5/ 2-(2-butoxyethoxy)-ethanol z z Perform MS/MSD (Yes or No) Company
AECOM
Company
AECOM
Company Prelim data (Level 10r2)=see TAT above DoD Stage 4 report standard TAT. AECOM FOUIS EDD. Field Filtered Sample (Yes or No) z Preservation Code: ≥ ≥ Sample (C=comp, G=grab) Due Date Requested see subcontract TAT Requested (days): Rush - ASAP Type 1305 Ø ტ Kadiological Sty rms do 000 Compliance Project: △ Yes △ No PO# Sample 100 表 29-568-4-66 Date. Onknown Sample Date Date/Time; び/パイ/ツン Sampler /Ly ev 411123 4/14/23 412/23 Project #: 60697810 SSOW#: :# OM Poison B Natson Tanji (watson.tanji@aecom.com)/ Mark Kromis (mark.kromis@aecom.com) telinquished by MAA DECTAMON Celinquished by Skin Irritant Deliverable Requested 1 II III IV Other (specify) Custody Seals Intact: Custody Seal No. AF-RHMW17D-WGN01LF-2304W2 AF-RHMW17D-WQFB01-2304W2 Non-Hazard Teammable 10/ Eyer Thy months ossible Hazard Identification 308-954-4512 / 770-331-0794 1001 Bishop St. Suite 1600 Empty Kit Relinquished by Client Information Sample Identification Project Name: CTO N6274223F0104 State Zip: Hawaii 96813 Jonolulu Sompany: AECOM RHSF

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Chain of Custody Record

Eurofins FGS, Seattle

Tacoma WA 98424 5755 8th Street East

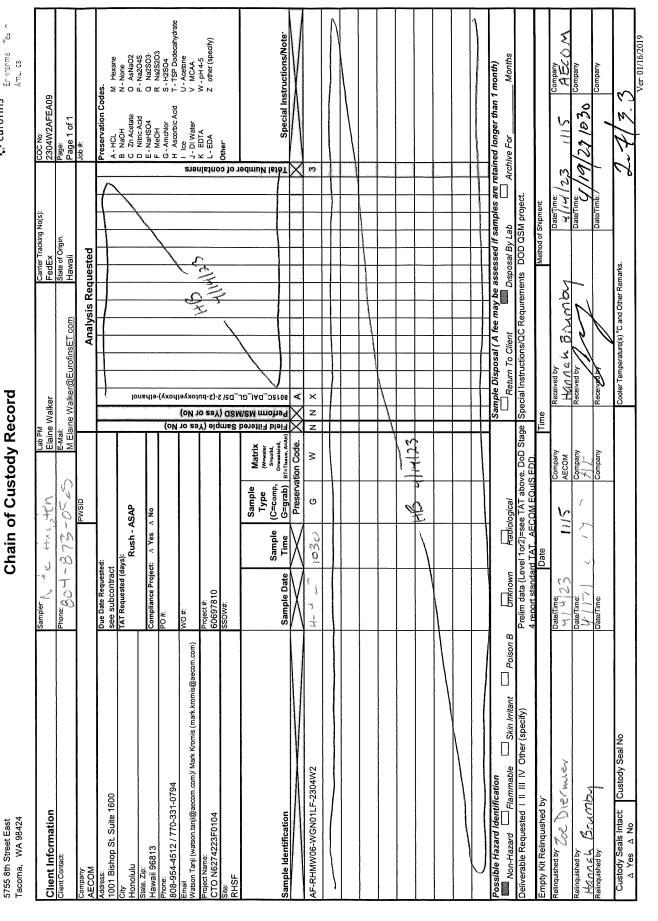
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	Sampler 1 22 CM	Carlo	Lab PM:		Carrier Tracking No(s):	COC No	No:	
Client Information	35	555	Elaine Walker	Ker	redex	230	2304WZAFEA10	
Client Contact:	Phone: (808) 393		E-Mail M Elaine V	E-Mail M Elaine Walker@EurofinsET com	State of Ongin Hawaii	Page:	rage: Page 1 of 1	
Company: AECOM	•	PWSID:		Analysis	Analysis Requested	‡ qor	共	
Address: 1001 Bishop St. Surte 1600	Due Date Requested see subcontract					Pres	Preservation Codes. A - HCL	is. M - Hexane
City Honolulu	Š	ŷλ.	أطوع				B - NaOH C - Zn Acetate	N - None O - AsNaO2
State, Zip: Hawaii 96813	Compliance Project: △ Yes	A No	1/23	/	A A		E - NaHSO4 F - MeOH	P - Na2O4S Q - Na2SO3 R - Na2S2O3
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Email* Watson Tanji (watson.tanji@aecom.com)/ Mark Kromis (mark.kromis@aecom.com)	:# OM			τοχλε τ	- 31	11 100 1		U - Acetone V - MCAA
Project Name: CTO N6274223F0104	Project #: 60697810)/	1010 19110	⋖	w - pri 4-5 Z - other (specify)
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sted V Other (specify)	Prelim data (Level 1or2)=see TAT above DoD Stage	D Stage	Special Instructions/QC Requirements	ements DOD QSM project.			
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Chain of Custody Record

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



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Eurofins FGS, Seattle

Eurofins FGS, Seattle 5755 8th Street East Tacoma WA 98424	Chain	Chain of Custody Record	y Reco	Ē				💸 eurofins	S In o me with g
Client Information	Sampler (+ C	(Lab PM: Elaine Wal	Lab PM: Elaine Walker		Carrier Tracking No(s): FedEx		COC No: 2304W2AFEA08	38
Client Contact:	Phone:		E-Mail. M Elaine.W	'alker@Eurofi		tate of Origin Iawaii		Page: Page 1 of 1	
Company AECOM		PWSID			Analysis Requested	lested		Job #:	
Address. 1001 Bishop St. Surte 1600	Due Date Requested: see subcontract					-		Preservation Codes:	odes: M - Hexane
City Honolulu	TAT Requested (days): Rush - ASAP	10 P- 3 040		lo				B - NaOH C - Zn Acetate	N - None O - AsNaO2
State, Zip- Hawaii 96813	Compliance Project: △ Yes	∆ No	T	oueyja				E - NaHSO4	G - Na2SO3 G - Na2SO3 B - Na2S2O3
Phone: 808-954-4512 / 770-331-0794	PO #:		(0)	γοχλ)-ι	<u>\$</u>			G - Amchlor H - Ascorbic Acid	
Email: Watson Tanji (watson.tanji@aecom.com)/ Mark Kromis (mark.kromis@aecom.com)	WO #:			foxyeti	<u> </u>		819	2.30.21.00.00.00.00.00	
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Client: AECOM Job Number: 580-126297-1

Login Number: 126297
List Source: Eurofins Savannah
List Number: 2
List Creation: 04/21/23 07:20 AM

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	
Samples do not require splitting or compositing.	True	

N/A

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Residual Chlorine Checked.