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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

ANALYTICAL REPORT

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

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: 580-126043-1

Project/Site: Red Hill - AFFF Assessment Sampling

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Case Narrative

Client: AECOM Job ID: 580-126043-1

Project/Site: Red Hill - AFFF Assessment Sampling

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.

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Definitions/Glossary

Client: AECOM Job ID: 580-126043-1

Project/Site: Red Hill - AFFF Assessment Sampling

Qualifiers

GC Semi VOA

Qualifier **Qualifier Description**

Undetected at the Limit of Detection.

Glossary

Appreviation	These commonly used appreviations 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

Duplicate Error Ratio (normalized absolute difference) DER

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) Minimum Detectable Concentration (Radiochemistry) MDC

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

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 **Quality Control** QC

RER Relative Error Ratio (Radiochemistry)

RLReporting 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)

Too Numerous To Count **TNTC**

Client: AECOM Job ID: 580-126043-1

Project/Site: Red Hill - AFFF Assessment Sampling

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	1.00	DI Unit	D	Prepared	Analyze

Dil Fac 2-(2-Butoxyethoxy)ethanol 3.0 U 5.0 1.1 mg/L

Client: AECOM Job ID: 580-126043-1

Project/Site: Red Hill - AFFF Assessment Sampling

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

Analyte	Result (Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac	
2-(2-Butoxyethoxy)ethanol	30 [IJ	5.0	1 1	ma/l			04/18/23 21:58	1	

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Client: AECOM Job ID: 580-126043-1

Project/Site: Red Hill - AFFF Assessment Sampling

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 80150	GLY - Glycols- Direct Injection (GC/FID)	
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Analyte	Result	Qualifier	LOQ	DL Unit	D	Prepared	Analyzed	Dil Fac	
2-(2-Butoxyethoxy)ethanol	3.0	П	5.0	1.1 mg/l			04/18/23 22:21	1	

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Client: AECOM Job ID: 580-126043-1

Project/Site: Red Hill - AFFF Assessment Sampling

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
	2-(2-Butoxyethoxy)ethanol	3.0	U	5.0	1.1	mg/L			04/18/23 22:44	

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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 3.0 U 5.0 1.1 mg/L 2-(2-Butoxyethoxy)ethanol 04/18/23 23:08

Client: AECOM Job ID: 580-126043-1

Project/Site: Red Hill - AFFF Assessment Sampling

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

Lab Sample ID: MB 680-774076/9 **Client Sample ID: Method Blank**

Matrix: Water

Analysis Batch: 774076

MB MB

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 20:25	1

Lab Sample ID: LCS 680-774076/5

Matrix: Water

Analysis Batch: 774076

	Бріке	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier I	Jnit	D	%Rec	Limits
2-(2-Butoxyethoxy)ethanol	20.0	23.1		ng/L		115	50 - 150

Lab Sample ID: LCSD 680-774076/6

Matrix: Water

Analysis Batch: 774076

•	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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

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

Eurofins Seattle

4/20/2023

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

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

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

Job ID: 580-126043-1

Project/Site: Red Hill - AFFF Assessment Sampling

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

Lab Sample ID: 580-126043-1

Matrix: Water

Date Collected: 04/12/23 12:35 Date Received: 04/13/23 10:30

Client: AECOM

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

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

Batch Batch Dilution Batch **Prepared Prep Type** Type Method Run **Factor Number Analyst** Lab or Analyzed Total/NA Analysis 8015C GLY 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

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

Client Sample ID: AF-RHMW16-WGN01LF-2304W2 Lab Sample ID: 580-126043-4

Matrix: Water Date Collected: 04/12/23 10:10

Date Received: 04/13/23 10:30

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

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

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

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: 580-126043-1

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.

ANAB		Program Dept. of Defense ELAP	Identification Number	Expiration Date 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 wh
Analysis Method	Prep Method	Matrix	Analyte	

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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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eurofins Environment Testing

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Client Information	Sampler: Na +	1 Yin			PM:	Valker							Carri	er Tra	cking	No(s	<u>(</u> (() () () () () () () () ()		41	COC No:		—
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State, Zip: Hawaii 96813	Compliance Proje			<u> </u>	-	thano										-	+	1		D - Nitric Acid E - NaHSO4	P - Na2O4S Q - Na2SO3	
Phone: 808-954-4512 / 770-331-0794	PO#:				0	2-(2-butoxyethoxy)-ethenol	:					(1)	3,							F - MeOH G - Amchlor H - Ascorbic Acid	R - Na2\$2O3 S - H2\$O4 T - T\$P Dodecahydr	
Email: Watson Tanji (watson.tanji@aecom.com)/ Mark Kromis (mark.kromis@aecom.com)	W0#:				5	1 to				,	1/1								2	I - (ce J - Ol Water	U - Acetone V - MCAA	916
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Site: RHSF	ssow#:	#-M-16			T E	7 7 7 7			\ \	/										Other:		
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Company: AECOM			PWSID:						Ana	lysis	Red	ques	ted			1		Job #:		
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Hawaii 96813	Compliance Proje	ct: A Yes	A No	····	11	oxy)-ethanol								\mathcal{A}	1		100	E - NaHSO4 F - MeOH	Q - Na2SO3 R - Na2S2O3	
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Email: Watson Tanji (watson.tanji@aecom.com)/ Mark Kromis (mark.kromis@aecom.com)	WO #:				8	Š				1	12							J - DI Water	U - Acetone V - MCAA	
Project Name: CTO N6274223F0104	Project#: 60697810					2.(2-bu			N	W	1						- American	K-EDTA L-EDA Other:	W - pH 4-5 Z - other (specify)	
Site: RHSF	SSOW#:				Ser	/sd			H								3	8		
		Sample	Sample Type (C≕comp,	Matrix (Wewster, Smolid,	Field Filtered	8015C_DAL_G											M. Mirmhae			
Sample Identification	Sample Date	Time	G=grab)	Oreusteioll, BT=Thesis, AsAt							78 - 2	3.52	7819 12	10 39 166	\bot			Special In	structions/Note	8 .
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	nown Rad							To Cl				spos					Arc	thive For	Months	
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Environment Testing

United AWB 016-026/2735 Carrier Tracking No(s): AWB 2304W2AFEA03 FedEx wooden source Elaine Walker Client Information Phone: E-Mail: State of Origin: Ceent Contact: M.Elaine.Walker@EurofinsET.com Hawaii Page 1 of 1 Сопрапу: **Analysis Requested** AECOM Preservation Codes: Due Date Requested: Address: 1001 Bishop St. Suite 1600 see subcontract A - HCL M - Herane TAT Requested (days): B - NaOH N - None City: Rush - AGAP 5 day C - Zn Acetate 0 - AsNa02 Honolulu D - Nitric Acid P - Na2O4S State, Zip: E - NaHSO4 Q - Na2SO3 Compliance Project A Yes A No Hawaii 96813 R - Na2S2Q3 F - MeOH Phone: PO#: G - Amchior S - H2SO4 808-954-4512 / 770-331-0794 H - Ascorbic Acid T - TSP Dodecahydrate WO #: I-lee U - Acetone 8015C_DAI_GL_D5/ 2-(2-buloxy Watson Tanji (watson.tanji@aecom.com)/ Mark Kromis (mark.kromis@aecom.com) J - Ol Water V - MCAA K - EDTA W - pH 4-5 roject #: L - EDA Z - other (specify) CTO N6274223F0104 60697810 3 Other: Site: RHSF Sample Matrix Type (Wowater, Sraolid, Sample (C=comp. Special Instructions/Note: Time G=grab) BT=Thous, A-A Sample Date Sample Identification Preservation Code: NX AF-RHMW10-WGN01LF-2304W2 4/11/20 1378 G 4/11/23 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 Disposal By Lab Non-Hazard Flammable Skin Irritant Poison B Return To Client onknown radiological Months Prelim data (Level 1or2)=see TAT above. DoD Stage | Special Instructions/QC Requirements: DOD QSM project. Deliverable Requested: I, II, III, IV, Other (specify) 4 report standard TAT. AECOM EQuIS EDD Empty Kit Relinquished by: AECOM Relinquished by: Company Missonda Debrama 1545 AECOM Date/Time: -4/12/23 Company Relinquished by: Miromda Daamo 1520 AECOM Company Relinguished by: Сотралу Received by: Cooler Temperature(s) °C and Other Remarks: Custody Seals Intact: | Custody Seal No.: ∆ Yes ∆ No Ver: 01/16/2019

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808-954-4512 / 770-331-0794 Email: Watson Tanji (watson.tanji@aecom.com)/ Mark Kromis (mark.kromis@aecom.com)	WO#:				Ž	m #SimBB (Tex Of NO) DALGL_D5/2-(2-butoxyethoxy)-ethanol						M	3	1			1	2	H - Ascorbic Acid I - Ice J - Di Water	T - TSP Dodecahydrate U - Acetone V - MCAA
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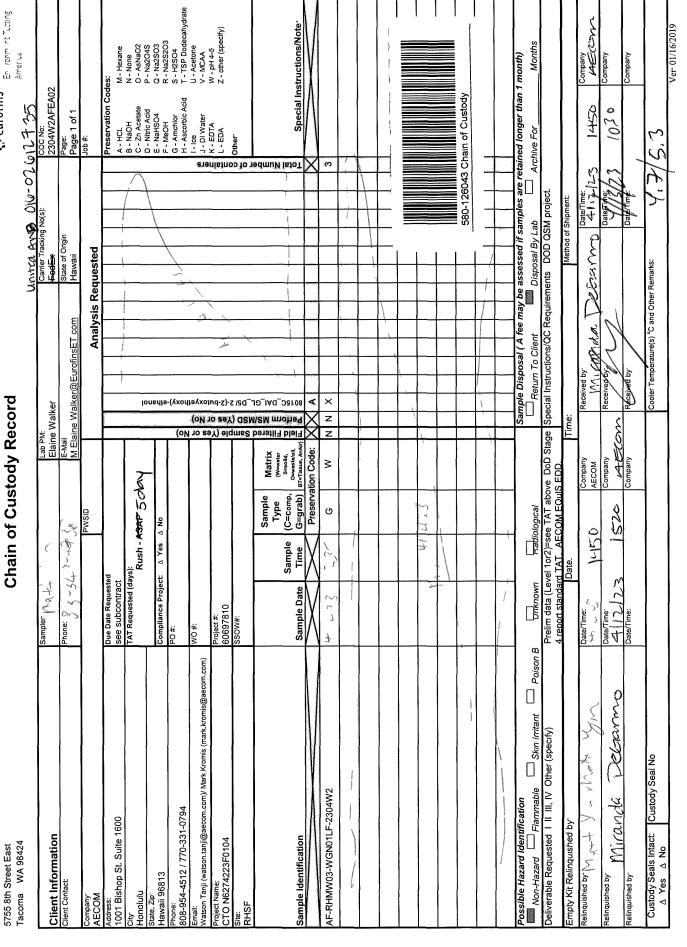
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B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH Page: Page 1 of 1 Job #: I - Ice J - DI Water K - EDTA L - EDA 4.2 Total Number of containers m Do Carmo 411123 r Tracking No(s): ANB united AWB FedEX State of Origin. Hawaii **Analysis Requested** coler Temperature(s) °C and Other Remarks: Lab PM: Elaine Walker E-Mait: M Elaine Walker@EurofinsET.com Received by (3) Received by Received by Chain of Custody Record × 8012C_DAI_GL_D5/ 2-(2-butoxyethoxy)-ethanol z Perform MS/MSD (Yes or No) Company
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Chain of Custody Record

Eurofins FGS, Seattle

Eurofins FGS, Seattle 5755 8th Street East Tacoma WA 98424	Chai	Chain of Custody Record	tody Rec	ord	confed Awis	50-910 St	eurofins 6/273	En Sur in The Art
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Eurofins FGS, Seattle 5755 8th Street East Tacoma WA 98424	Chai	Chain of Custody Record	tody Re	cord	ž	10-010 Bry 010-07	いいまいのfins	ofins Erv ronmert Testing America	89 CL
Client Information	Sampler Market	(Lab PM: Elaine	Lab PM: Elaine Walker		Carrier Tracking No(s): FodEx	COC No: 2304W2AFEA02	FEA02	
Client Contact:	Phone: 8 < -5 - 7 -		E-Mail: M Elaır	e Walker@Eurof		State of Origin. Hawari	Page: Page 1 of 1	1	
Company AECOM		PWSID			is Re	lested	Job #:		
Address. 1001 Bishop St. Surte 1600	Due Date Requested: see subcontract			asquadarvill *	2	3	Preservation Codes. A - HCL M		
City Honolulu	TAT Requested (days): Rus	Rush - ASAP 5 CAN	3	lo	in the advantage of the state o		B - NaOH C - Zn Acetate		
State, Zip Hawaii 96813	liance Project:	Δ Yes Δ No		ousqja	*** ***		D - Nithe Ac E - NaHSO4		
Phone: 808-954-4512 / 770-331-0794	PO #:		(0)		· · · · · · · · · · · · · · · · · · ·		G - Amchlor H - Ascorbio		drate
Email: Watson Tanji (watson tanji@aecom.com)/ Mark Kromis (mark.kromis@aecom.com)	WO #:		10 86	(on	->				
Project Name: CTO N6274223F0104	Project #: 60697810		SY) Əlı	IO S 8)			ntain K - EDTA L - EDA	W - pH 4-5 Z - other (specify)	
Site: RHSF	SSOW#:		meS) asv			oo to 1 Oth P		
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Custody Seals Intact: Custody Seal No Δ Yes Δ No				Cooler Tempen	Cooler Temperature(s) °C and Other Remarks:	narks:	7/5.3		
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Eurofins FGS, Seattle 8755 8th Street East Tacoma WA 98424	Cha	Chain of Custody Record	tody Re	cord	\$ 100	DIO BWB	eurofins	ድ ፡ ሚያ ፕሬ <mark>ሬ</mark> ነገር
Client Information	1		Lab PM: Elaine Walker	Walker	Camer Tracking No(s):	ing No(s): ANS	COC No. 2304W2AFEA03	
	103	262	E-Mail: M Elarr	E-Mail: M Elaine Walker@EurofinsET com		in.	Page: Page 1 of 1	
Company		DISMA		An	sis Rec		Job #:	
hop St. Suite 1600	Due Date Requested: see subcontract					A nomine, imposer	Preservation Codes.	es. M - Hexane
	TAT Requested (days): RL). Rush - A9AP 5 ∠	day	J ¹		_	B - NaOH C - Zn Acetate	N - None O - AsNaO2
State, Zip: Hawaii 96813	Compliance Project: A	Δ Yes Δ No		ousuls				P - Na204S Q - Na2SO3 R - Na2S2O3
Phone: 808-954-4512 / 770-331-0794	PO#.		(0)					S - H2SO4 T - TSP Dodecahydrate
Email: Watson Tanji (watson.tanji@aecom.com)/ Mark Kromis (mark.kromis@aecom.com)	:# OM		es ot	(oN 1	6	1015	I - Ice J - DI Water	U - Acetone V - MCAA
	Project #: 60697810		Y) elc	o say		ılsinc	11	v - pri 4-5 Z - other (specify)
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Possible Hazard Identification	Tiknown	Radiological		Sample Disposal (A 1	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Retum To Client Mon	f samples are retal Lab	etained longer than Archive For	f month) Months
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Mionda Deamo	Date/Time: -1 1 2 2 3	1520	Company 人をこっい	Received by		181	23 1830	Сотрапу
	Date/Time:		Company	Received by:		Date/Time:		Company
Custody Seals Intact: Custody Seal No				Cooler 1 Mperature(s)	Cooler Temperature(s) °C and Other Remarks:	Ť	7/5.3	
							_	Ver 01/16/2019

Eurofins FGS, Seattle 5755 8th Street East Tacoma WA 98424		hain o	f Cust	Chain of Custody Record	ecord		Control	COM AND	A AWB 016-0 Griffe Tracking Nots; AN 12	7,	eurofins	Environmen Tes ngr
ormation	Sampler jear	くてんなんのの	1000	Elain	Lab PM: Elaine Walker			FedEX	ng No(s):		2304W2AFEA04	34
act:	Phone:	138,	ې	E-Mail: M Ela	ıne.Walker	E-Mail M Elaine.Walker@EurofinsET com	сош	State of Orig Hawaii	u	E G	Page Page 1 of 1	
Сопралу АЕСОМ			PWSID			A	Analysis Requested	quested		Joh	:#:	
Address: 1001 Bishop St. Suite 1600	Due Date Requested. see subcontract									P. A.	Preservation Codes: A - HCL	odes: M - Hexane
	TAT Requested (days) I	s): Rush - ASAP	b	dest	lo					<u> </u>	B - NaOH C - Zn Acetate	
State, Zip Hawaii 96813	Compliance Project:	∆ Yes	∆ No	-	orsdie				_	் ய ய	- Natio Acid - Natio Acid - National	
Phone: 808-954-4512 / 770-331-0794	:# Oc									. O I	- Amchlor - Ascorbic Acid	
gaecom.com)/ Mark Kromis (mark.kromis@aecom.com)	WO #:				(oM)			_			I - Ice J - DI Water	U - Acetone V - MCAA
Project Name: CTO N6274223F0104	Project #: 60697810				o səy		7/2		_	100 100	- EDA	w - pH 4-5 Z - other (specify)
	.#MOSS) asv		B			4.56 - 11.000	Other	
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ant Poison B	OTIKNOWN	Kadiological	ogical		Ţ	Return To Client	0 .	Disposal By Lab	Tab [☐ Archive For	e For	Months
III IV Other (specify)	Prelim data (Level 10r2)=see TAT above. DoD Stage Special Instructions/QC Requirements DOD QSM project. 4 report standard TAT. AECOM EQUIS EDD.	l 1or2)=see TAT AEC	TAT above	e. DoD Stag EDD.	Special	nstructions/Q	C Requirem	ents DOD	JSM project		****	
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Custody Seals Intact: Custody Seal No Δ Yes Δ No					Coole	Cooler Température(s) °C and Other Remarks	°C and Other F	Remarks.		5	7153	
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Eurofins FGS, Seattle 5755 8th Street East Tacoma, WA 98424	Ch	ain of Cu	Chain of Custody Record	ecor	73		Š	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	20 RVR	seurofins solve of the solve of	En roi men America	12 52
Client Information	Sampler Math	٤	Lab P Elain	Lab PM. Elaine Walker			Camer 1 FeeE	racking	:(s)	COC No: 2304W2AFEA01	EA01	
Client Contact:	Phone: 308-14	35+40,		ine Walk	E-Mail M Elaine Walker@EurofinsET com	ET com	State of C Hawaii	State of Origin: Hawaii		Page: Page 1 of 1	THE STATE OF THE S	
Company AECOM	3	PWSID				Analysis	Analysis Requested	ted		Job #.		
Address: 1001 Bishon St Suite 1600	Due Date Requested. see subconfract				- Indiana	***************************************	On Charles	Marin Communicator D Marin 4455 has	- Annual Control	Preservation Codes A - HCL		
City: Honolulu	TAT Requested (days):	Rush - ASAP S CACK	dasi	Jo						B - NaOH C - Zn Acetate	N None O AsNaO2	
State, Zip Hawaii 96813	Compliance Project:	A Yes A No		nedia				_	_	D - Nitric Acid E - NaHSO4		
Phone: 808-954-4512 / 770-331-0794	PO#.						4	_		G - Amchior H - Ascorbic A		ydrate
Email: Watson Tanji (watson.tanji@aecom.com)/ Mark Kromis (mark.kromis@aecom.com)	# OM			(oN 1		7						
Project Name: CTO N6274223F0104	Project# 60697810			ves o		<u> </u>			.,,,,,,		w - pri 4-5 Z. other (specify)	_
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Sample Identification	Sample Date T		(b) BT=Tissue, A=Air)	ы							Special Instructions/Note:	ë
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Possible Hazard Identification Non-Hazard — Flammable — Skun Irritant — Poison B	Unknown Radiological	ica 🗆			Sample Disposal (A fee may be assessed if samples al Disposal By Lab	(A ree ma lient	y be asses Dispos	sed ir san sal By Lab	iples are reta	Sample Disposal (A ree may be assessed in samples are retained longer than 1 month) Return To Client Bisposal By Lab Archive For Mont	nan i monun) Months	
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Relinquished by MI (ANA DEFINITION)	Date/Time:	1520	Company	<u> </u>	Received by:	V		<u> </u>	10	22 103	Company	
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Client: AECOM Job Number: 580-126043-1

Login Number: 126043 List Source: Eurofins Savannah List Number: 2 List Creation: 04/17/23 12:01 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	
Samples do not require splitting or compositing.	True	

N/A

Eurofins Seattle

Residual Chlorine Checked.