ANALYTICAL REPORT

PREPARED FOR

Attn: Hua-Hsien Wei American Samoa Power Authority 1 Airport Road PO BOX PPB Pago Pago, American Samoa 96799

Generated 8/21/2024 11:04:03 AM

JOB DESCRIPTION

CHEMICAL- Aunum Seawater

JOB NUMBER

380-102532-1

Eurofins Eaton Analytical Pomona 941 Corporate Center Drive Pomona CA 91768-2642



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Job Notes

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The test results in this report relate only to the samples as received by the laboratory and 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 Eaton Analytical, LLC Project Manager.

Authorization

Generated 8/21/2024 11:04:03 AM

Authorized for release by Maria Lopez, Project Manager I Maria.Lopez@et.eurofinsus.com (626)386-1100

Case Narrative

Client: American Samoa Power Authority Project: CHEMICAL- Aunum Seawater

Job ID: 380-102532-1

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Job ID: 380-102532-1

Job Narrative 380-102532-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these
 situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise
 specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed
 unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 7/4/2024 10:06 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 time was 3.6°C.

Receipt Exceptions

504 TB not received.

Trip Blanks (380-102532-2)

GC/MS VOA

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

GC/MS Semi VOA

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

GC Semi VOA

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

Herbicides

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

Pesticides/PCBs

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

HPLC/IC

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

Pesticides

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

Dioxin

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

Metals

Method 200.8 - Total Recoverable: The following sample was diluted due to the nature of the sample matrix: Aunum Seawater (380-102532-1). Elevated reporting limits (RLs) are provided.

Method 200.8_Hg - Total Recoverable: The following sample was diluted due to the nature of the sample matrix: Aunum Seawater (380-102532-1). Elevated reporting limits (RLs) are provided.

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

General Chemistry

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

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Case Narrative

Client: American Samoa Power Authority Project: CHEMICAL- Aunum Seawater

Job ID: 380-102532-1 (Continued)

Job ID: 380-102532-1

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Gas Flow Proportional Counter

Method 900.0: Gross Alpha Beta prep batch 160-669862:

The detection goal was not met for the following samples due to a reduction of the sample size attributed to high residual mass: Aunum Seawater (380-102532-1), (160-54609-A-5-A) and (160-54609-A-5-D DU). Analytical results are reported with the detection limit achieved.

Due to the MDA being higher than the RL for Gross Alpha by EPA method 900, SM7110C was run for gross alpha. (XWB4)

Method 903.0: Radium 226 prep batch 160-669783

The barium carrier recovery is outside the upper control limit (110%) for the following sample: Aunum Seawater (380-102532-1). The QC samples associated with the batch have acceptable carrier recovery indicating the presence of matrix interference.

Method 903.0: Radium 226 Batch 669783

The Barium carrier recovery is outside the upper control limit (110%) for the following sample: Aunum Seawater (380-102532-1). There was physical evidence of matrix interference apparent during the initial preparation of the sample. The QC samples associated with the batch have acceptable carrier recovery indicating the presence of matrix interference. The samples have been truncated to 100% to reduce any potential bias a high carrier recovery may have. The data have been qualified and reported.

Method 904.0: Radium-228 prep batch 160-669782

Insufficient sample volume was available to perform a sample duplicate for the following samples: Aunum Seawater (380-102532-1). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

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

Rad

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

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Sample Summary

Client: American Samoa Power Authority Project/Site: CHEMICAL- Aunum Seawater Job ID: 380-102532-1

Lab Sample ID Client Sample ID Received Matrix Collected 380-102532-1 06/28/24 10:35 07/04/24 10:06 Aunum Seawater Water

Client Sample Results

Client: American Samoa Power Authority Project/Site: CHEMICAL- Aunum Seawater

Lab Sample ID: 380-102532-1

Client Sample ID: Aunum Seawater

Date Collected: 06/28/24 10:35

Lab Samp

Matrix: Water

Job ID: 380-102532-1

Date Received: 07/04/24 10:06

Method: 524.2 - Total Trihalomethanes											
Analyte	Result Qualifier	RL	Unit	D	Analyzed	Dil Fac Analyst					
Trihalomethanes, Total	ND -	0.50	ua/L		07/06/24 15:58	1 YXX2					

		Qualifici				Allulyzou		Allulyst
Trihalomethanes, Total	ND		0.50	ug/L		07/06/24 15:58	1	YXX2
Method: 524.2 - Volatile Organ	ic Compou	nde (GC/MS)						
Analyte		Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Dichlorodifluoromethane	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
Chloromethane (methyl chloride)	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
Vinyl Chloride (VC)	ND		0.30	ug/L		07/06/24 15:58	1	N4CJ
Bromomethane (Methyl Bromide)	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
Chloroethane	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
Trichlorofluoromethane (Freon 11)	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
1,1-Dichlorethylene	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
Bromoethane	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
Trichlorotrifluoroethane	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
Carbon disulfide	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
Dichloromethane	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
trans-1,2-Dichloroethylene	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
Methyl-tert-butyl Ether (MTBE)	ND		0.50	ug/L		07/06/24 15:58		N4CJ
1,1-Dichloroethane	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
2-Butanone (MEK)	ND		5.0	ug/L		07/06/24 15:58		N4CJ
Diisopropyl ether	ND		3.0	ug/L		07/06/24 15:58		N4CJ
cis-1,2-Dichloroethylene	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
2,2-Dichloropropane	ND		0.50	ug/L		07/06/24 15:58		N4CJ
Bromochloromethane	ND		0.50	ug/L		07/06/24 15:58		N4CJ
Chloroform (Trichloromethane)	ND		0.50	ug/L		07/06/24 15:58		N4CJ
Tert-butyl ethyl ether	ND		3.0	ug/L		07/06/24 15:58		N4CJ
1,1,1-Trichloroethane	ND		0.50	ug/L		07/06/24 15:58		N4CJ
1,2-Dichloroethane	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
1,1-Dichloropropene	ND		0.50	ug/L		07/06/24 15:58		N4CJ
	ND		0.50	ug/L		07/06/24 15:58		N4CJ
Carbon tetrachloride	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
Tert-amyl methyl ether	ND		3.0	ug/L		07/06/24 15:58		N4CJ
Trichloroethylene (TCE)	ND		0.50	ug/L		07/06/24 15:58		N4CJ
1,2-Dichloropropane	ND		0.50	ug/L		07/06/24 15:58		N4CJ
Dibromomethane	ND		0.50	ug/L		07/06/24 15:58		N4CJ
Bromodichloromethane	ND		0.50	ug/L		07/06/24 15:58		N4CJ
cis-1,3-Dichloropropene	ND		0.50	ug/L		07/06/24 15:58	1	
trans-1,3-Dichloropropene	ND		0.50	ug/L		07/06/24 15:58		N4CJ
Toluene	ND		0.50	ug/L		07/06/24 15:58		N4CJ
1,1,2-Trichloroethane	ND		0.50	ug/L		07/06/24 15:58	1	
2-Hexanone	ND		10	ug/L		07/06/24 15:58	1	N4CJ
1,3-Dichloropropane	ND		0.50	ug/L		07/06/24 15:58	· · · · · · · · · · · · · · · · · · ·	N4CJ
Dibromochloromethane	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
Tetrachloroethene (PCE)	ND		0.50	ug/L		07/06/24 15:58		N4CJ
Chlorobenzene	ND		0.50	ug/L		07/06/24 15:58		N4CJ
1,1,1,2-Tetrachloroethane	ND ND		0.50	ug/L		07/06/24 15:58		N4CJ N4CJ
Ethylbenzene	ND ND		0.50	ug/L ug/L		07/06/24 15:58		N4CJ N4CJ
m,p-Xylenes			0.50			07/06/24 15:58		N4CJ
Styrene	ND			ug/L				N4CJ N4CJ
o-Xylene	ND ND		0.50 0.50	ug/L		07/06/24 15:58		N4CJ N4CJ
o-Aylerie Bromoform	ND ND		0.50	ug/L ug/L		07/06/24 15:58 07/06/24 15:58		N4CJ N4CJ

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Job ID: 380-102532-1

Client: American Samoa Power Authority Project/Site: CHEMICAL- Aunum Seawater

Client Sample ID: Aunum Seawater

Date Collected: 06/28/24 10:35 Date Received: 07/04/24 10:06

Toluene-d8 (Surr)

Lab Sample ID: 380-102532-1

07/06/24 15:58

Matrix: Water

1 N4CJ

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
1,1,2,2-Tetrachloroethane	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
1,2,3-Trichloropropane	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
Isopropylbenzene	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
Bromobenzene	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
N-Propylbenzene	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
o-Chlorotoluene	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
p-Chlorotoluene	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
1,3,5-Trimethylbenzene	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
tert-Butylbenzene	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
1,2,4-Trimethylbenzene	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
sec-Butylbenzene	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
m-Dichlorobenzene (1,3-DCB)	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
p-Dichlorobenzene (1,4-DCB)	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
p-Isopropyltoluene	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
o-Dichlorobenzene (1,2-DCB)	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
n-Butylbenzene	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
1,2,4-Trichlorobenzene	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
Naphthalene	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
Hexachlorobutadiene	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
1,2,3-Trichlorobenzene	ND		0.50	ug/L		07/06/24 15:58	1	N4CJ
Surrogate	%Recovery	Qualifier	Limits			Analyzed	Dil Fac	Analyst
1,2-Dichloroethane-d4 (Surr)	114		70 - 130			07/06/24 15:58	1	N4CJ
4-Bromofluorobenzene (Surr)	91		70 - 130			07/06/24 15:58	1	N4CJ

Analyte	Result Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
2,4-Dinitrotoluene	ND ND	0.095	ug/L		07/07/24 21:26	1	Q8LA
Acenaphthylene	ND	0.095	ug/L		07/07/24 21:26	1	Q8LA
Alachlor (Alanex)	ND	0.047	ug/L		07/07/24 21:26	1	Q8LA
alpha-Chlordane	ND	0.047	ug/L		07/07/24 21:26	1	Q8LA
Anthracene	ND	0.019	ug/L		07/07/24 21:26	1	Q8LA
Atrazine	ND	0.047	ug/L		07/07/24 21:26	1	Q8LA
Benz(a)anthracene	ND	0.047	ug/L		07/07/24 21:26	1	Q8LA
Benzo[a]pyrene	ND	0.019	ug/L		07/07/24 21:26	1	Q8LA
Benzo[b]fluoranthene	ND	0.019	ug/L		07/07/24 21:26	1	Q8LA
Benzo[g,h,i]perylene	ND	0.047	ug/L		07/07/24 21:26	1	Q8LA
Benzo[k]fluoranthene	ND	0.019	ug/L		07/07/24 21:26	1	Q8LA
Bromacil	ND	0.095	ug/L		07/07/24 21:26	1	Q8LA
Aldrin	ND	0.0095	ug/L		07/07/24 21:26	1	Q8LA
Butachlor	ND	0.047	ug/L		07/07/24 21:26	1	Q8LA
Butylbenzylphthalate	ND	0.47	ug/L		07/07/24 21:26	1	Q8LA
Chrysene	ND	0.019	ug/L		07/07/24 21:26	1	Q8LA
Di(2-ethylhexyl)adipate	ND	0.57	ug/L		07/07/24 21:26	1	Q8LA
Bis(2-ethylhexyl) phthalate	ND	0.57	ug/L		07/07/24 21:26	1	Q8LA
Dibenz(a,h)anthracene	ND	0.047	ug/L		07/07/24 21:26	1	Q8LA
Dieldrin	ND	0.0095	ug/L		07/07/24 21:26	1	Q8LA
Diethylphthalate	ND	0.47	ug/L		07/07/24 21:26	1	Q8LA
Dimethylphthalate	ND	0.47	ug/L		07/07/24 21:26	1	Q8LA

70 - 130

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8/21/2024

Client: American Samoa Power Authority Project/Site: CHEMICAL- Aunum Seawater

Client Sample ID: Aunum Seawater

Date Collected: 06/28/24 10:35 Date Received: 07/04/24 10:06

PCB-1232

PCB-1242

PCB-1248

PCB-1254

Lab Sample ID: 380-102532-1

Matrix: Water

Analyte		Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Di-n-butyl phthalate	ND		0.95	ug/L		07/07/24 21:26	1	Q8LA
Endrin	ND		0.0095	ug/L		07/07/24 21:26	1	Q8LA
Fluoranthene	ND		0.095	ug/L		07/07/24 21:26	1	Q8LA
Fluorene	ND		0.047	ug/L		07/07/24 21:26	1	Q8LA
gamma-Chlordane	ND		0.047	ug/L		07/07/24 21:26	1	Q8LA
Heptachlor	ND		0.0095	ug/L		07/07/24 21:26	1	Q8LA
Heptachlor epoxide (isomer B)	ND		0.0095	ug/L		07/07/24 21:26	1	Q8LA
Hexachlorobenzene	ND		0.047	ug/L		07/07/24 21:26	1	Q8LA
Hexachlorocyclopentadiene	ND		0.047	ug/L		07/07/24 21:26	1	Q8LA
Indeno[1,2,3-cd]pyrene	ND		0.047	ug/L		07/07/24 21:26	1	Q8LA
Isophorone	ND		0.095	ug/L		07/07/24 21:26	1	Q8LA
Lindane	ND		0.0095	ug/L		07/07/24 21:26	1	Q8LA
Methoxychlor	ND		0.047	ug/L		07/07/24 21:26	1	Q8LA
Metolachlor	ND		0.047	ug/L		07/07/24 21:26	1	Q8LA
Molinate	ND		0.095	ug/L		07/07/24 21:26	1	Q8LA
Phenanthrene	ND		0.038	ug/L		07/07/24 21:26	1	Q8LA
Propachlor	ND		0.047	ug/L		07/07/24 21:26	1	Q8LA
Pyrene	ND		0.047	ug/L		07/07/24 21:26	1	Q8LA
Simazine	ND		0.047	ug/L		07/07/24 21:26	1	Q8LA
Thiobencarb	ND		0.095	ug/L		07/07/24 21:26	1	Q8LA
trans-Nonachlor	ND		0.047	ug/L		07/07/24 21:26	1	Q8LA
Trifluralin	ND		0.095	ug/L		07/07/24 21:26	1	Q8LA
Surrogate	%Recovery	Qualifier	Limits			Analyzed	Dil Fac	Analyst
2-Nitro-m-xylene	91		70 - 130			07/07/24 21:26	1	Q8LA
Triphenylphosphate	109		70 - 130			07/07/24 21:26	1	Q8LA
Perylene-d12	91		70 - 130			07/07/24 21:26	1	Q8LA
Method: 548.1 - Endothall (
Analyte		Qualifier	RL	Unit	<u>D</u>	Analyzed		Analyst
Endothall	ND		7.5	ug/L		07/11/24 08:56	1	X8AA
Method: 504.1 - EDB, DBCF			DI.	11:4	ь.	Amalumad	Dil Fac	Amalyat
Analyte 1,2,3-Trichloropropane		Qualifier	RL	Unit	D	Analyzed 07/06/24 01:26		Analyst LZ8Q
1,2,3-111chloropropane 1.2-Dibromoethane	ND ND		0.019	ug/L			1	LZ8Q LZ8Q
1,2-Dibromo-3-Chloropropane			0.0097	ug/L		07/06/24 01:26		
1,2-טוטוטווט-ט-טווטוטpropane	ND		0.0097	ug/L		07/06/24 01:26	1	LZ8Q
Surrogate	%Recovery	Qualifier	Limits			Analyzed	Dil Fac	Analyst
1,2-Dibromopropane (Surr)	101		60 - 140			07/06/24 01:26	1	LZ8Q
Method: 505 - Organochlor		•	•					
Analyte		Qualifier	RL	Unit	D	Analyzed		Analyst
Chlordane	ND		0.098	ug/L		07/05/24 23:57	1	
Toxaphene	ND		0.49	ug/L		07/05/24 23:57		ULRL
PCB-1016	ND		0.069	ug/L		07/05/24 23:57		ULRL
	ND		0.098	/1		07/05/24 23:57	1	ULRL
PCB-1221	טוו		0.090	ug/L		01100124 20.01	'	OLINE

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1 ULRL

1 ULRL

1 ULRL

1 ULRL

07/05/24 23:57

07/05/24 23:57

07/05/24 23:57

07/05/24 23:57

0.098

0.098

0.098

0.098

ug/L

ug/L

ug/L

ug/L

ND

ND

ND

ND

2

Job ID: 380-102532-1

Client: American Samoa Power Authority Project/Site: CHEMICAL- Aunum Seawater

Client Sample ID: Aunum Seawater

Date Collected: 06/28/24 10:35 Date Received: 07/04/24 10:06

Sodium

Lab Sample ID: 380-102532-1

Matrix: Water

Result	Qualifier	RL		Unit	D	Analyzed	Dil Fac	Analyst
ND		0.069		ug/L		07/05/24 23:57	1	ULRL
ND		0.098		ug/L		07/05/24 23:57	1	ULRL
%Recovery	Qualifier	Limits				Analyzed	Dil Fac	Analyst
111		70 - 130				07/05/24 23:57	1	ULRL
· C \								
•	Qualifier	RI		Unit	D	Analyzed	Dil Fac	Analyst
								DR5R
				•			-	DR5R
				-			-	DR5R
								DR5R
				-			-	DR5R
				•			•	DR5R DR5R
				-			•	DR5R
				•			•	DR5R
								DR5R
				•			•	DR5R
				•			-	DR5R
								DR5R
ND		0.50		ug/L		07/09/24 06:23	1	DR5R
%Recovery	Qualifier	Limits				Analyzed	Dil Fac	Analyst
99		70 - 130				07/09/24 06:23	1	DR5R
•	•	DI		Unit	D	Analyzad	Dil Eco	Analyst
	Quaimer							
				•			-	Q6XM
ND		0.50		ug/L		07/05/24 21:48	1	Q6XM
AI HPLC)								
. <u></u>	Qualifier	RL		Unit	D	Analyzed	Dil Fac	Analyst
						07/05/04/04/		
ND		6.0		ug/L		07/05/24 16:11	1	UD4M
	LC)	6.0		ug/L		07/05/24 16:11	1	UD4M
araquat (HPI	LC) Qualifier	6.0 RL		ug/L Unit	D	07/05/24 16:11 Analyzed		UD4M Analyst
araquat (HPI	•				<u>D</u>			
araquat (HPI Result	•	RL 0.37		Unit ug/L	<u>D</u>	Analyzed 07/08/24 13:59	Dil Fac	Analyst UD4M
araquat (HPI Result	•	RL		Unit	<u>D</u>	Analyzed	Dil Fac	Analyst
araquat (HPI Result ND ND	Qualifier (GC/MS/N	RL 0.37 1.9		Unit ug/L ug/L		Analyzed 07/08/24 13:59 07/08/24 13:59	Dil Fac	Analyst UD4M UD4M
araquat (HPI Result ND ND ND nated Dioxin Result	Qualifier	RL 0.37 1.9	MDL	Unit ug/L ug/L	<u>D</u>	Analyzed 07/08/24 13:59 07/08/24 13:59 Analyzed	Dil Fac 1 1 Dil Fac	Analyst UD4M UD4M Analyst
araquat (HPI Result ND ND	Qualifier (GC/MS/N	RL 0.37 1.9	MDL	Unit ug/L ug/L		Analyzed 07/08/24 13:59 07/08/24 13:59	Dil Fac 1 1 Dil Fac	Analyst UD4M UD4M
araquat (HPI Result ND ND ND nated Dioxin Result	Qualifier (GC/MS/N Qualifier	RL 0.37 1.9	MDL	Unit ug/L ug/L		Analyzed 07/08/24 13:59 07/08/24 13:59 Analyzed	Dil Fac Dil Fac	Analyst UD4M UD4M Analyst
araquat (HPI Result ND ND ND nated Dioxin Result	Qualifier (GC/MS/N Qualifier	RL 0.37 1.9 1S) RL 4.8	MDL	Unit ug/L ug/L		Analyzed 07/08/24 13:59 07/08/24 13:59 Analyzed 07/09/24 18:17	Dil Fac Dil Fac 1 Dil Fac	Analyst UD4M UD4M Analyst X8AA
nated Dioxin Result ND ND ND NE ND NE ND NE ND ND NE ND	Qualifier (GC/MS/N Qualifier	RL 0.37 1.9 1S) RL 4.8 Limits	MDL	Unit ug/L ug/L		Analyzed 07/08/24 13:59 07/08/24 13:59 Analyzed 07/09/24 18:17 Analyzed	Dil Fac Dil Fac 1 Dil Fac	Analyst UD4M UD4M Analyst X8AA Analyst
Result ND ND ND Nated Dioxin Result ND %Recovery 77	Qualifier (GC/MS/N Qualifier	RL 0.37 1.9 1S) RL 4.8 Limits	MDL	Unit ug/L ug/L		Analyzed 07/08/24 13:59 07/08/24 13:59 Analyzed 07/09/24 18:17 Analyzed	Dil Fac Dil Fac Dil Fac 1 Dil Fac	Analyst UD4M UD4M Analyst X8AA Analyst
	MD **Recovery 111 GC) Result ND	Result Qualifier ND Result Qualifier ND ND ND ND ND ND ND ND ND N	ND 0.098	ND 0.098	ND	ND	ND	ND

100 T8RV

07/09/24 02:07

100

mg/L

Client: American Samoa Power Authority Project/Site: CHEMICAL- Aunum Seawater

Client Sample ID: Aunum Seawater

Date Collected: 06/28/24 10:35 Date Received: 07/04/24 10:06

Lab Sample ID: 380-102532-1

•	Matrix:	Water

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Hg	ND		20	ug/L		07/11/24 20:51	100	VB9B
Method: 200.8 - Metals (ICP	/MS) - Total R	ecoverable						
Analyte	•	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Antimony	ND		100	ug/L		07/11/24 20:51	100	VB9B
Arsenic	ND		100	ug/L		07/11/24 20:51	100	VB9B
Barium	ND		200	ug/L		07/11/24 20:51	100	VB9B
Beryllium	ND		100	ug/L		07/11/24 20:51	100	VB9B
Cadmium	ND		50	ug/L		07/11/24 20:51	100	VB9B
Chromium	ND		100	ug/L		07/11/24 20:51	100	VB9B
Copper	ND		200	ug/L		07/11/24 20:51	100	VB9B
Lead	ND		50	ug/L		07/11/24 20:51	100	VB9B
Nickel	ND		500	ug/L		07/11/24 20:51	100	VB9B
Selenium	ND		500	ug/L		07/11/24 20:51	100	VB9B
Thallium	ND		100	ug/L		07/11/24 20:51	100	VB9B
General Chemistry								
Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Cyanide, Total (335.4)	ND		0.0050	mg/L		07/09/24 13:57	1	MH2L
Nitrate Nitrite as N (353.2)	ND		0.10	mg/L		07/09/24 13:14	1	KH
Fluoride (SM 4500 F C)	0.57		0.050	mg/L		07/09/24 10:14	1	GP4S

Method: 900.0 - (Gross Alpha	and Gros	s Beta Rad	lioactivity						
			Count	Total						
			Uncert.	Uncert.						
Analyte	Result	Qualifier	(2σ+/-)	(2σ+/-)	RL	MDA	Unit	Analyzed	Dil Fac	Analyst
Gross Alpha	210	G	114	117	3.00	103	pCi/L	07/26/24 21:47	1	SCB
Gross Beta	310	G	55.2	63.3	4.00	43.1	pCi/L	07/26/24 21:47	1	SCB

			Count Uncert.	Total Uncert.						
Analyte	Result	Qualifier	(2σ+/-)	(2σ+/-)	RL	MDA	Unit	Analyzed	Dil Fac	Analyst
Radium-226	0.0192	U	0.0533	0.0534	1.00	0.0614	pCi/L	07/24/24 23:34	1	SCB
Carrier	%Yield	Qualifier	Limits					Analyzed	Dil Fac	Analyst
Ba Carrier	111	X	30 - 110					07/24/24 23:34		SCB

			Count Uncert.	Total Uncert.						
Analyte	Result	Qualifier	(2σ+/-)	(2σ+/-)	RL	MDA	Unit	Analyzed	Dil Fac	Analyst
Radium-228	0.326	U	0.347	0.348	1.00	0.342	pCi/L	07/22/24 11:58	1	SWS
Carrier	%Yield	Qualifier	Limits					Analyzed	Dil Fac	Analyst
Ba Carrier	83.4		30 - 110					07/22/24 11:58	1	SWS
Y Carrier	81.1		30 - 110					07/22/24 11:58	1	SWS

Client Sample Results

Client: American Samoa Power Authority

Project/Site: CHEMICAL- Aunum Seawater

Job ID: 380-102532-1

Client Sample ID: Aunum Seawater

Lab Sample ID: 380-102532-1

. Matrix: Water

Date Collected: 06/28/24 10:35 Date Received: 07/04/24 10:06

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Method: Ra226_Ra2	228 Pos -	Combined	d Radium-2	226 and Ra	dium-228	3			
			Count	Total					
			Uncert.	Uncert.					
Analyte	Result	Qualifier	(2σ+/-)	(2σ+/-)	RL	MDA Unit	Analyzed	Dil Fac Analys	it
Combined Radium	0.345		0.351	0.352	5.00	0.342 pCi/L	07/31/24 08:19	1 FLC	

226 + 228
Method: SM7110C - Gross Alpha by Co-Precipitation

		. ,	Count	Total							
			Uncert.	Uncert.							
Analyte	Result	Qualifier	(2σ+/-)	(2σ+/-)	RL	MDA	Unit	Analyzed	Dil Fac	Analyst	
Gross Alpha	2.11		1.61	1.63	3.00	1.50	pCi/L	08/08/24 19:33	1	SCB	

Client: American Samoa Power Authority Project/Site: CHEMICAL- Aunum Seawater

Client Sample ID: Aunum Seawater

Lab Sample ID: 380-102532-1

Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

			CAMCL P	CA SEC			
Result	Qualifier	Unit	Limit	Limit	RL	Method	Prep Type
ND		ug/L	80		0.50	524.2	Total/NA
ND		ug/L	1000		0.50	524.2	Total/NA
ND		ug/L	0.5		0.30	524.2	Total/NA
ND		ug/L	150		0.50	524.2	Total/NA
ND		ug/L	6		0.50	524.2	Total/NA
ND		ug/L	1200		0.50	524.2	Total/NA
ND		ug/L	160		0.50	524.2	Total/NA
ND		ug/L	5		0.50	524.2	Total/NA
ND		ug/L	10		0.50	524.2	Total/NA
ND		ug/L	5	5	0.50	524.2	Total/NA
ND			5		0.50	524.2	Total/NA
ND		-	6		0.50	524.2	Total/NA
ND			200				Total/NA
ND		-					Total/NA
ND		-	1				Total/NA
							Total/NA
							Total/NA
		-					Total/NA
							Total/NA
							Total/NA
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		-					Total/NA Total/NA
							Total/NA
							Total/NA Total/NA
							Total/NA
		-					Total/NA
							Total/NA
							Total/NA
							Total/NA
							Total/NA
			4				Total/NA
			2				Total/NA Total/NA
	ND N	ND N	ND ug/L ND	ND	ND	ND	ND

Eurofins Eaton Analytical Pomona

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Client: American Samoa Power Authority Project/Site: CHEMICAL- Aunum Seawater

Job ID: 380-102532-1

Client Sample ID: Aunum Seawater (Continued)

Lab Sample ID: 380-102532-1

Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

				CAMCL P	CA SEC			
Analyte	Result	Qualifier	Unit	Limit	Limit	RL	Method	Prep Type
Heptachlor epoxide (isomer B)	ND		ug/L	0.01		0.0095	525.2	Total/NA
Hexachlorobenzene	ND		ug/L	1		0.047	525.2	Total/NA
Hexachlorocyclopentadiene	ND		ug/L	50		0.047	525.2	Total/NA
Lindane	ND		ug/L	0.2		0.0095	525.2	Total/NA
Methoxychlor	ND		ug/L	30		0.047	525.2	Total/NA
Molinate	ND		ug/L	20		0.095	525.2	Total/NA
Propachlor	ND		ug/L	90		0.047	525.2	Total/NA
Simazine	ND		ug/L	4		0.047	525.2	Total/NA
Thiobencarb	ND		ug/L	70		0.095	525.2	Total/NA
Endothall	ND		ug/L	100		7.5	548.1	Total/NA
1,2,3-Trichloropropane	ND		ug/L	0.005		0.019	504.1	Total/NA
1,2-Dibromoethane	ND		ug/L	0.05		0.0097	504.1	Total/NA
1,2-Dibromo-3-Chloropropane	ND		ug/L	0.2		0.0097	504.1	Total/NA
Toxaphene	ND		ug/L	3		0.49	505	Total/NA
Polychlorinated biphenyls, Total	ND		ug/L	0.5		0.098	505	Total/NA
2,4,5-TP (Silvex)	ND		ug/L	50		0.20	515.4	Total/NA
2,4,5-T	ND		ug/L	10		0.20	515.4	Total/NA
Dinoseb	ND		ug/L	7		0.20	515.4	Total/NA
2,4-D	ND		ug/L	70		0.10	515.4	Total/NA
Bentazon	ND		ug/L	18		0.50	515.4	Total/NA
Pentachlorophenol	ND		ug/L	1		0.040	515.4	Total/NA
Dalapon	ND		ug/L	200		1.0	515.4	Total/NA
Picloram	ND		ug/L	500		0.10	515.4	Total/NA
Carbofuran	ND		ug/L	18		0.50	531.2	Total/NA
Oxamyl	ND		ug/L	50		0.50	531.2	Total/NA
Glyphosate	ND		ug/L	700		6.0	547	Total/NA
Diquat	ND		ug/L	20		0.37	549.2	Total/NA
2,3,7,8-TCDD	ND		pg/L	3000000		4.8	1613B	Total/NA
Cyanide, Total	ND		mg/L	0.15		0.0050	335.4	Total/NA
Fluoride	0.57		mg/L	2		0.050	SM 4500 F C	Total/NA
Gross Alpha	210	G	pCi/L	15		3.00	900.0	Total/NA
Gross Beta	310	G	pCi/L	50		4.00	900.0	Total/NA
Combined Radium 226 + 228	0.345		pCi/L	5		5.00	Ra226_Ra228 Pos	Total/NA
Gross Alpha	2.11		pCi/L	15		3.00	SM7110C	Total/NA

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Client: American Samoa Power Authority
Project/Site: CHEMICAL- Aunum Seawater

Job ID: 380-102532-1

Laboratory: Eurofins Eaton Analytical Pomona

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E871024	06-30-25

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
505	505	Water	Polychlorinated biphenyls, Total
524.2		Water	2-Butanone (MEK)
524.2		Water	2-Hexanone
524.2		Water	Bromoethane
524.2		Water	m,p-Xylenes
524.2		Water	o-Xylene
524.2		Water	Trichlorotrifluoroethane
525.2	525.2	Water	alpha-Chlordane
525.2	525.2	Water	Fluoranthene
525.2	525.2	Water	gamma-Chlordane
525.2	525.2	Water	Isophorone
525.2	525.2	Water	Thiobencarb
525.2	525.2	Water	trans-Nonachlor

Laboratory: Eurofins Eaton Analytical South Bend

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	ISO/IEC 17025	5794.01	07-21-24
Alabama	State	40700	06-30-25
Alaska	State	IN00035	08-08-24
Arizona	State	AZ0432	07-25-24
Arkansas (DW)	State	EPA IN00035	06-30-25
California	State	2920	06-30-25
Colorado	State	IN00035	08-05-24
Connecticut	State	PH-0132	03-31-26
Delaware (DW)	State	IN00035	06-30-25
Florida	NELAP	E87775	06-30-25
Georgia (DW)	State	929	06-30-25
Guam	State	23-011R	07-15-24
Hawaii	State	IN035	06-30-25
Idaho (DW)	State	IN00035	08-15-24
IL Dept. of Public Health (Micro)	State	17767	06-30-25
Illinois	NELAP	200001	09-19-24
Indiana	State	C-71-01	12-31-25
Indiana (Micro)	State	M-76-07	12-31-25
lowa	State	IA Lab #098	08-01-24
Kansas	NELAP	E-10233	10-31-24
Kentucky (DW)	State	KY90056	12-31-24
Louisiana (DW)	State	LA014	07-16-24
Maine	State	IN00035	05-01-25
Maryland	State	209	06-30-25
Massachusetts	State	M-IN035	07-30-24
MI - RadChem Recognition	State	9926	03-22-25
Michigan	State	9926	03-22-25
Minnesota	NELAP	1989807	12-31-24

Eurofins Eaton Analytical Pomona

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Accreditation/Certification and Definitions Summary

Client: American Samoa Power Authority Project/Site: CHEMICAL- Aunum Seawater Job ID: 380-102532-1

Laboratory: Eurofins Eaton Analytical South Bend (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Mississippi	State	IN00035	06-30-25
Missouri	State	880	09-30-24
Montana (DW)	State	CERT0026	07-16-24
Nebraska	State	NE-OS-05-04	06-30-25
Nevada	State	IN000352024-01	07-31-24
New Hampshire	NELAP	2124	11-05-24
New Jersey	NELAP	IN598	06-30-25
New Mexico	State	IN00035	06-30-25
New York	NELAP	11398	04-01-25
North Carolina (DW)	State	18700	08-08-24
North Dakota	State	R-035	06-30-24 *
Northern Mariana Islands (DW)	State	IN00035	06-30-25
Ohio	State	87775	06-30-25
Oklahoma	NELAP	D9508	08-31-24
Oregon	NELAP	4156	09-16-24
Pennsylvania	NELAP	68-00466	04-30-25
Puerto Rico	State	IN00035	07-10-24
Rhode Island	State	LAO00343	07-21-24
South Carolina	State	95005001	06-30-24 *
South Dakota (DW)	State	IN00035	06-30-25
Tennessee	State	TN02973	06-30-25
Texas	NELAP	T104704187-22-16	12-31-24
Texas	TCEQ Water Supply	TX207	06-30-25
USEPA Reg X SDWA	US Federal Programs	IN00035	08-24-24
USEPA UCMR 5	US Federal Programs	IN00035	12-31-25
Utah	NELAP	IN00035	07-31-24
Vermont	State	VT-8775	07-16-24
Virginia	NELAP	460275	07-31-24
Washington	State	C837	01-01-25
West Virginia (DW)	State	9927 C	01-31-25
Wisconsin	State	999766900	08-31-24
Wisconsin (Micro)	State	10121	12-31-24
Wyoming	State	8TMS-L	06-30-25

Laboratory: Eurofins St. Louis

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-001	05-06-25
ANAB	Dept. of Defense ELAP	L2305	04-06-25
ANAB	Dept. of Energy	L2305.01	04-08-25
ANAB	ISO/IEC 17025	L2305	04-06-25
Arizona	State	AZ0813	12-08-24
California	Los Angeles County Sanitation	10259	06-30-22 *
	Districts		
California	State	2886	06-30-24 *
Connecticut	State	PH-0241	03-31-25
Florida	NELAP	E87689	06-30-25
HI - RadChem Recognition	State	n/a	06-30-25
Illinois	NELAP	200023	11-30-24
lowa	State	373	12-01-24

^{*} Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Eaton Analytical Pomona

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Client: American Samoa Power Authority

Job ID: 380-102532-1

Project/Site: CHEMICAL- Aunum Seawater

Laboratory: Eurofins St. Louis (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Kansas	NELAP	E-10236	10-31-24
Kentucky (DW)	State	KY90125	12-31-24
Kentucky (WW)	State	KY90125 (Permit KY0004049)	12-31-24
Louisiana	NELAP	04080	06-30-22 *
Louisiana (All)	NELAP	04080	06-30-25
Louisiana (DW)	State	LA011	12-31-24
Maryland	State	310	09-30-24
Massachusetts	State	M-MO054	06-30-25
Missouri	State	780	06-30-25
Nevada	State	MO00054	07-31-25
New Jersey	NELAP	MO002	06-30-25
New Mexico	State	MO00054	10-01-24
New York	NELAP	11616	03-31-25
North Carolina (DW)	State	29700	07-31-25
Oklahoma	NELAP	9997	08-31-24
Oregon	NELAP	4157	09-01-24
Pennsylvania	NELAP	68-00540	02-28-25
South Carolina	State	85002001	06-30-24 *
Texas	NELAP	T104704193	07-31-25
US Fish & Wildlife	US Federal Programs	058448	07-31-25
USDA	US Federal Programs	P330-17-00028	05-18-26
Utah	NELAP	MO00054	07-31-25
Virginia	NELAP	460230	06-14-25
Washington	State	C592	08-30-24
West Virginia DEP	State	381	10-31-24

Qualifiers

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
U	Result is less than the sample detection limit.
X	Carrier is outside acceptance limits.

Glossary

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
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
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)

 $^{^{\}star} \ \text{Accreditation/Certification renewal pending - accreditation/certification considered valid}.$

Eurofins Eaton Analytical Pomona

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Accreditation/Certification and Definitions Summary

Client: American Samoa Power Authority

Job ID: 380-102532-1

Project/Site: CHEMICAL- Aunum Seawater

Glossary (Continued)

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

PQL Practical Quantitation Limit
PRES Presumptive

MRL

NC

ND

NEG

POS

QC Quality Control

RER Relative Error Ratio (Radiochemistry)

Method Reporting Limit

Not Calculated

Negative / Absent

Positive / Present

RL Reporting Limit or Requested Limit (Radiochemistry)

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

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

SDL Sample Detection Limit
SDL Sample Detection Limit
SDL Sample Detection Limit

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

TNTC Too Numerous To Count

8/21/2024

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^{*} Accreditation/Certification renewal pending - accreditation/certification considered valid.

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Cilent Contact Hua-Hsten Wer	Phone 699- (833	E-Mai Mari	E-Mail Maria Lopez@et.eurofinsus.com	urofinsus	com	<u>.</u>	State of Origin	Jun.			Page Page 1 of 2	
Company American Samoa Power Authority	PWSID	1201			Analysis Requested	Redu	pajsa				Job #	
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City Pago Pago	TAT Requested (days):										D - HNO3	1001, t t
RA / 96 SV	Compliance Project: a Yes a No.										IR - NaThipSO4 QA - Na2SO3/HCI	
Рһопе:	Po #: Purchase Order not required		(0		enedte						C - Nazsos PZ - NaThio/KDiHydCit	
Email: wei@aspower.com	WO#:									£1		
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Site: American Samos	SSOW#.		κ) φ:	БН 8	ıs þ	Вы	$\dashv +$	-++	-++	-+-	Other:	
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Sample dentification	Sample Date Time G=grab)	mp, S=solid, O=waste/oil, Ab) BT=Tissuo, A=Air)	Perfor 335.4 -	s ,7.00s	524.2 <u>_</u> F	504.1					Special Instructions/Note:	ote:
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Non-Hazard Flammable Skin Irrilant Po	Poison B 🔲 Unknown 🦳 Radiological	gical	Ret	Return To Client	rt ree me. ent	% % % %	ussessed ir san Disposal By Lab	т затірі 7 Lab	es es es	retain J Arci	Return To Client Disposal By Lab Archive For Months	
ested I, II, III, IV, Other (specify)			Special Instructions/QC Requirements:	structions	QC Requ	rements						
Empty Kit Relinquished by	Date:		Time.	٠,			Metho	Method of Shipment	ent:			
Relinquished by:	Date/Time: Day 1911	Company	Received by	d by				<u>#</u>	12	<u>A</u>	1006 Company	
Relinquisher by Kinta	al herelia	33 M MX CH	Set J Received by					Date	/Mime: #	,	Company	
a para complex to a	Date/Tinfc.	,	Succived By	<u> </u>				_ !	,		y iby.	
ATTENNAMENTALITY (***			N. S.	1000	7,94217, 8,500 NBM 94	717	3.P.C)	12/2	` 1	REGOINMER	

Order Completion Information

Filled by Sent Date Creator

AS Power - CHEMICAL

Bottle Order Information

Bottle Order

Bottle Order # 9716 Request From Client 6/15/2023

Date Order Posted

Order Status Prepared By

Ready To Process

38001169

Lab Project Number

DISMA

Deliver By Date:

Michelle Do

Sent Via Trackıng #

Human Seawahu Michelle Do 6/21/2023 11:59:00PM 6/15/2023 15122PM

Sets	Bottles/Set	Q.	Bottle Type Description	Preservative	Method	Matrix	Sample Type	Comments	Lot#
1	-	-	Plastic 250ml - Ascorbic Acid w/NAOH	Ascorbic Acid and Sodium Hydroxide	335 4 - Cyanıde	Water	Normal	10.55	
1	 -	_	Plastic 125mL - unpreserved	None	4500_F_C - Fluoride	Water	Normal	10° £	
1		_	Plastic 500ml - with Nitric Acid	Nitric Acid	200 8_Hg - Mercury	Water	Normal	6.27	
					200 8 - Hawaii New Sources	Water Water	Normal		
1	-	-	Plastic 1 liter - Sonicated	None	SUBCONTRACT - 100 2 Asbestos	Water	Normal	100 2 Asbestos	
1	\ \ \ \ \ \	က	Voa Vial 40ml Amber - Ascor	Ascorbic Acid	524 2_Pres_PREC - SDWA	Water	Normal		
			Acid & HCL	and Hydrochloric Acid					
1	0	0	No Container	None	5242_TTHM_Sum - Total Trihalomethanes	Water	Normal	24.2	-
_	9	9	Voa Vial 40ml Amber - Sodium thiosulfate	Sodium	504 1_PREC - (MOD) EDB-DBCP	Water	Normal	5	
					505_PREC - @ML505	Water	Normal		
	2	2	Amber Glass 1 Liter- Sodium Sulfite/HCl	Sodium Sulfite w/HCI	525 2_PREC - @ML525	Water	Normal		
	ု က 	3	Voa Vial 60ml Amber - Sodium Sulfite	Sodium Sulfite	5154_PREC - @ML5154	Water	Normal	3	
	က	က	VOA Vial 40mL Amber - NaThio + C6H7KO7	Sodium Thiosulfate/K	531.2_PREC - 531_Regulated	Water	Normal	すこ	
-	***************************************			Citrate					
	7	2	Voa Vial 40ml Amber - Sodium thiosulfate	Sodium Thiosulfate	547_PREC - Local Method	Water	Normal	10.47	
		~	Amber Glass 125mL - Sodium Thiosulfate	Sodium Thiosulfate	548 1_PREC - Routine	Water	Normal	5	
1		-	Amber Plastic 1L - Na2S2O3	Sodium Thiosulfate	549.2_PREC - Local Method	Water	Normal		
	2	2	Amber Glass 1 liter - Sodium Thiosulfate	Sodium Thiosulfate	1613B_IDA - TCDD	Water	Normal	and the state of t	
	Plea	ise not	Please notify your PM immediately if an error is		found in shipment. When returning samples, please return all provided QC samples $\{b_b \in \mathcal{J} \ b $	ımples, ple	ase return all pr	provided QC sample	s.
- 7							Ċ	040000000000000000000000000000000000000	

Shipping Order ID 36023

Page 3 of 5

Page 4 of 5

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	The state of the s	6	10.92		
Normal	Normal	Normal	Normal	Trip Blank	Trip Blank
Water	Water	Water	Water	Water	Water
900 0 - Standard Target Lıst	903 0 - Standard Target List	904 0 - Standard Target List	353 2 Pres - Nitrate Nitrite as N (combined)	524 2_Pres_PREC - SDWA	524 2_TTHM_Sum - Total Trihalomethanes
Nitric Acid	Nitric Acid	Nitric Acid	Sulfunc Acid	Ascorbic Acid and Hydrochloric Acid	None
Plastic 500ml - with Nitric Acid Nitric Acid	Plastic 1 liter - Nitric Acid	Plastic 1 liter - Nitric Acid	Plastic 125mL - with Sulfuric Acid Sulfuric Acid	Voa Vial 40ml Amber - Ascor Acid & HCL	No Container
_	_	-	_	2	0
_	 	~	T	2	0
-		-		-	

Total Bottle Summary		
Bottle Type Description	Preservative	Bottle Count
Amber Glass 1 liter - Sodium Thiosulfate	Sodium Thiosulfate	2
Amber Glass 1 Liter- Sodium Sulfite/HCI	Sodium Sulfite w/HCI	2
Amber Glass 125mL - Sodium Thiosulfate	Sodium Thiosulfate	~
Amber Plastic 1L - Na2S2O3	Sodium Thiosulfate	~
No Container	None	0
Plastic 1 liter - Nitric Acid	Nitric Acid	2
Plastic 1 liter - Sonicated	None	_
Plastic 125mL - unpreserved	None	_
Plastic 125mL - with Sulfunc Acid	Sulfuric Acid	~
Plastic 250ml - Ascorbic Acid w/NAOH	Ascorbic Acid and Sodium Hydroxide	~
Plastic 500ml - with Nitric Acid	Nitric Acid	2
प्र Voa Vial 40ml Amber - Ascor Acid & HCL	Ascorbic Acid and Hydrochloric Acid	rC.
VOA Vial 40mL Amber - NaThio + C6H7KO7	Sodium Thiosulfate/K Dihydrogen Cit	က
Voa Vial 40ml Amber - Sodium thiosulfate	Sodium Thiosulfate	80
Voa Vial 60ml Amber - Sodium Sulfite	Sodium Sulfite	က
	Total Bottles	33

Notes to Field Staff:

Health and Safety Notes:

Preservative

sampler instructions

Scan QR code for field

CAUTION! CONTAINS 1 1 HYDROCHLORIC ACID Avoid skin and eye contact. Contains 25mg/ml Ascorbic Acid. May cause mild irritation to skin and eyes. Comment

Ascorbic Acid and

Hydrochloric Acid

Contains 25mg/ml Ascorbic Acid. May cause mild irritation to skin and eyes. CAUTION! STRONG CAUSTIC! CONTAINS SODIUM HYDROXIDE PELLETS skin and eye contact. If contact is made, FLUSH IMMEDIATELY with water Sodium Hydroxide Ascorbic Acid and

contact is made, FLUSH IMMEDIATELY with water

Avoid

CAUTION! STRONG OXIDIZER! CONTAINS 1 1 NITRIC ACID Avoid skin and eye contact. If contact is made, FLUSH IMMEDIATELY with water Nitric Acid

Please notify your PM immediately if an error is found in shipment. When returning samples, please return all provided QC samples.

Eurofins Eaton Analytical Pomona

941 Corporate Center Drive Pomona, CA 91768-2642 Phone (626) 386-1100

Chain of Custody Record



Environment Testing

Client Information	Sampler: Hua-Hsien We	i			PM: pez, M	laria							Carri	er Tra	cking	No(s):			COC No: 380-102532	
Client Contact: Hua-Hsien Wei	Phone: 699-1333			E-M Ma	lail: Iria.Lo	pez@	et.eui	rofins	us.co	om			State	of Or	igin:					Page: Page 1 of 2	
Company: American Samoa Power Authority			PWSID: Aunu'u AS	9310751					Aı	naly	sis	Req	ues	ted						Job #:	
Address: 1 Airport Road PO BOX PPB	Due Date Reques	ted:																		Preservation Cod HB - AscbAcd&NaOr	
City: Pago Pago	TAT Requested (d	days):																		N - None D - HNO3 HA - AscbAcd&HCL	
State, Zip: AS, 96799	Compliance Proje	ect: A Yes	Δ Νο								40									R - NaThioSO4 QA - Na2SO3/HCI	
Phone:	PO #: Purchase Orde	r not require	ed		٦٩١						thane									Q - Na2SO3 PZ - NaThio/KDiHy	property.
Emait: wei@aspower.com	WO#:				Sample (Yes or No	(ON			estos		halome				-				rs		
Project Name: AS Power - CHEMICAL	Project #: 38001169				le (Ye	10 Se			.2 Asb	DWA	otal Tri	22	9	5.4	gulate	thod		lethod	ntaine		440-2
Site: American Samoa	SSOW#:					SDS .	oride	9.08_H	T - 100	KEC - S	T-mn	05_PR	@ML52	9ML51	531_Re	cal Me	Soutine	ocal k	o jo	Other:	380-102532 COC
Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tlasue, A=Air	Field Filtered	335.4 - Cyanide	4500_F_C - Fluoride	200.7, 200.8, 200.8_Hg	SUBCONTRACT - 100.2 Asbestos	524.2_Pres_PREC - SDWA	524.2_TTHM_Sum - Total Trihalomethanes	504.1_PREC, 505_PREC	525.2_PREC - @ML525	515.4_PREC - @ML515.4	531.2_PREC - 531_Regulated	547_PREC - Local Method	548.1_PREC - Routine	549.2_PREC - Local Method	Total Number of containers	Special Ins	structions/Note:
		$\geq \leq$	Preserva	ation Code:	X	HB	+	D	N	$\overline{}$	\rightarrow				$\overline{}$		R	R	X		
Aunu'u seawater	6/28/24	10:35	G	Water	Ш	X	X	X	Χ	X	X	X	X	X	Χ	X	X	X			
				Water																	
				Water																	
				Water																	
				Water	П																
Trip Blanks	6/28/24	10:35		Water						Χ											
				Water															1		-
				Water																	
				Water	П														13		
				Water	П																
					П			П											.0		
Possible Hazard Identification Non-Hazard Flammable Skin Irritant Po Deliverable Requested: I, II, III, IV, Other (specify)	ison B Unkno	own \square_R	adiological			\Box_{F}	Return	To C	lient	t		\beth_{Dis}	pos				s ar	_		ed longer than 1 i ve For	month) _ Months
						pecia	instr	uction	1S/Q(C Rec	uire	ment									
Empty Kit Relinquished by: Relinquished by:	10-1- T-1-1	Date:			Time									Metho							
	Date/Time:			Company		Rec	eived b	oy:								Date/	ııme:				Company
Relinquished by:	Date/Time:			Company		Rec	eived t	by:								Date/	Time:				Company
Relinquished by:	Date/Time:			Company		Rec	eived b	by:								Date/	Time:				Company
Custody Seals Intact: Custody Seal No.:						Coo	ler Ten	nperat	ure(s)	°C and	d Oth	er Rer	narks	i.							

Ver: 04/02/2024

Page 21 of 25 8/21/2024

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3

Eurofins Eaton Analytical Pomona

941 Corporate Center Drive Pomona, CA 91768-2642 Phone (626) 386-1100

Chain of Custody Record



Environment Testing

Prione (626) 386-1100	Sampler:			Lab	PM:	~							jc	arrier 7	racking	No(s)	:			OC No:		
Client Information	Hua-Hsien Wei					Maria							1		0.1-1				_	80-102532		
Client Contact: Hua-Hsien Wei	699-1333			E-M Ma		.opez	@et.e	euro	finsu	s.co	m		S	tate of	Origin:				F	age: Page 2 of 2		
Company: American Samoa Power Authority			PWSID: Aunu'u AS	9310751						An	alys	is l	Requ	este	d				J	ob #:		
Address: 1 Airport Road PO BOX PPB	Due Date Reques	ted:				183					Ī								R	reservation Cod - NaThioSO4	es:	
City: Pago Pago	TAT Requested (c	lays):										i								- HNO3 - H2SO4		
State, Zip: AS, 96799	Compliance Proje	ct: A Yes	Δ Νο		- 0			-			9											
Phone:	PO #: Purchase Orde	r not require	:d		- -						mpine	İ							3			
Email: wei@aspower.com	WO #:				Sample (Yes or No)	(o)			1		s N (co	BCP							Z.			
Project Name: AS Power - CHEMICAL	Project #: 38001169				le (Ye	95 Or		et List	et List	et List	itrite a	0.80							ntaine			
Site: American Samoa	SSOW#:				Samp	MS/MSD (Yes	QQ !	d Targ	d Targ	d Targ	trate N	(GOW							0 00	ther:		
		Sample	Sample Type (C=comp,	Matrix (w=water, S=solid, O=waste/oil,	Field Filtered	Perform MS/N	1613B_IDA - TCDD	900,0 - Standard Target List	903.0 - Standard Target List	904.0 - Standard Target List	353.2_Pres - Nitrate Nitrite as N (combined)	504.1_PREC - (MOD) EDB-DBCP							Total Number of containers			
Sample Identification	Sample Date	Time	G=grab)	BT=Tissue, A=Air) <u>(</u>		2 0	_			S F		1000		9 128	10,900	Bertile III	,	\$	Special In:	structions	Note:
Aunu'u seawater	6/28/24	10:35	G	Water	+	Y Y -	_	X		_	X	_		G In	000		100 PM	-	7			
nulliu u seawatei	6/26/24	10.33	-	Water	+		4	4	4	4	4	4	_	+	+	-						
				Water	+	H	+	+		\dashv	+		-	+	-		+	20				
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Trip Blanks		-		Water	T		+	1			+							-				
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Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Pois	on B Unkno	own 🗀 =	adiological				ple D Ret					ay I	be ass □ _{Disi}	esse	d if sa Rv I =	ample h	s are	reta	inec chive	l longer than 1 For	month) Months	
Deliverable Requested: I, II, III, IV, Other (specify)	OILD OTKIN	5mi 1	aciological										ments		-y -c	~		7 11 0				
Empty Kit Relinquished by:		Date:			Tir	ne:								Me	thod of	Shipm	ent:					
Relinquished by:	Date/Time:			Company		F	Receive	ed by	:							Date	Time:				Company	
Relinquished by:	Date/Time:			Company		F	Receive	ed by	:							Date	Time:				Company	
Relinquished by:	Date/Time:			Company		F	Receive	ed by	:	_	_					Date	Time:				Company	
Custody Seals Intact: Custody Seal No.:						C	Cooler	Temp	eratu	re(s)	°C and	d Oth	er Rem	arks:								

Ver: 04/02/2024

Chain of Custody Record

Eurofins Eaton Analytical Pomona

🔆 eurofins

941 Corporate Center Drive Pomona, CA 91768-2642 Phone: 626-386-1100

Carrier Tracking No(s)

Client Information (Sub Contract Lab)				Lope	Lopez, Maria	ø									.,	380-135764.1	
Client Contact:	Phone:			E-Mail:							State o	State of Origin.			Ī	Page:	Τ
Shipping/Receiving				Marie	Lope.	z@et.	urofir	Maria.Lopez@et.eurofinsus.com	E		Ameri	American Samoa	moa			Page 1 of 1	**
Company: TestAmerica I ahoratories Inc					Accreditations Requi	ations F	eduirec	Accreditations Required (See note)	ite):							Job #:	
						3	5					İ			Í	380-102332-1	
Address: 13715 Rider Trail North,	Due Date Requested: 7/15/2024	÷						Ā	Analysis Requested	s Rec	nest	þe				Preservation Codes:	
Gity: Earth City	TAT Requested (days):	ys):					 		-	_		-		-	- 1		
State, Zip: MO, 63045									-						16:		
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO#:				(0	JaiJ											
Email:	,#OM					tagna									8.		
Project Name: AS Power - CHEMICAL	Project #: 38001169					r basba									nenlatr		
Site: American Samoa Power Authority	SSOW#:					st2 no										Other:	
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W-water, Swelld, O-westack), BT=Tissue, A-Air)	Field Filtered N/SM mrohe9	itsroqsv3\0.006	903.0/PrecSep	 Ra226_228GFP							Total Number	Special Instructions/Note:	
	\bigvee	X	Preservation Code:	on Code:	\bigotimes							100			X		
Aunum Seawater (380-102532-1)	6/28/24	10:35 Samoa		Water		×	×	×							3	SDWA-If prescreen is greater than 50 mg, contact PM to log 7110 for gross alpha	g g
																	Ī
	o di cacala O I I lacit	T ye	o spile of							'			1				Γ

Vote: Since laboratory accreditations are subject to change, Eurofins Eaton Analytical, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratory or other instructions will be provided. Any changes to accreditation status should be brought to be brought to be currently maintain accreditation in the State of Origin listed above for analysis/statisfasts/matrix being analyzed, the samples must be shipped back to the Eurofins Eaton Analytical, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to be brought to said compliance it Eurofins Eaton Analytical, LLC. Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For Mont
Special Instructions/QC Requirements: Method of Shipment Primary Deliverable Rank: Deliverable Requested: I, II, III, IV, Other (specify) Possible Hazard Identification Empty Kit Relinquished by:

Company Company Received by:
Richard Thornley
Received by: Cooler Temperature(s) °C and Other Remarks Received by: Company Company Date/Tippe: Date/Time Date/Time: Custody Seal No. 2 Custody Seals Intact: △ Yes △ No elinquished by: elinquished by: linquished by:

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	Custody Record	
Client Information (Sub Contract Lab)	Lab PM:	
Client Contact: Shipping/Receiving	Commercial Commercial Securoting	
Company: Eurofins Eaton Analytical	State of Sta	Environment Testing
Address: 110 S Hill Street, ,	Due Date Requested: NELAP - Florida American Samoa Pana Pan	
City. South Bend	Anathori	1
State, Zip: IN, 46617	380-102532-1	1
Phone: 574-233-4777(Tel) 574-233-8207(Fax)	PO#:	1
Email:		_
Project Name: AS Power - CHEMICAL		_
Site: American Samoa Power Authority	o Ses (V) est of the ses of the s	
Sample Identification - Client ID (Lab ID)		
	Personation Co.	_
Aunum Seawater (380-102532-1)		T
	DH ACCeptable	
Note: Since laboratory accreditations are subject to change, Eurofins Eaton A currently maintain accreditation in the State of Origin listed above for analysis Eurofins Eaton Analytical, LLC attention immediately. If all requested accredit	Note: Since laboratory accreditations are subject to change, Eurofins Eaton Analytical, LLC places the ownership of method, analyte & accreditation compilance upon our subcontract in the State of Origin isted above for analysis/issis/matrix being analyzed, the samples must be shipped back to the Eurofine Eaton Analytical, LLC attention immediately. If all requested accreditations are current to date, return the sinner of the Eurofine Earon Subcontract.	
Possible Hazard Identification	The state of the s	
Unconfirmed Deliverable Requested: I, III, IV, Other (specify)	Sample Disposal (A fee may be any chinaty Deliverable Dank: 4	
Empty Kit Relinquished by:	Special Instructions/QC Remission Sales By 1 of Disposal	
Relinquished by:	Date Time: Archive For Months Metabol of Strain Company Metabol of Strain Company Metabol of Strain Company Months	
Reinguefred by:	Company Received by: Company C	
Custody SC. Jr	Naceived by: Cooler Temners.	ļ
	Kuedino	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Hua-Hsien Wei American Samoa Power Authority 1 Airport Road PO BOX PPB Pago Pago, American Samoa 96799

JOB DESCRIPTION

Generated 8/20/2024 5:38:27 PM

AS Power - Reverse Osmosis (RO)

JOB NUMBER

380-107835-1

Eurofins Eaton Analytical Pomona 941 Corporate Center Drive Pomona CA 91768-2642



Eurofins Eaton Analytical Pomona

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 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 Eaton Analytical, LLC Project Manager.

Authorization

Generated 8/20/2024 5:38:27 PM

Authorized for release by Maria Lopez, Project Manager I Maria.Lopez@et.eurofinsus.com (626)386-1100

Page 2 of 15

Case Narrative

Client: American Samoa Power Authority Project: AS Power - Reverse Osmosis (RO)

Job ID: 380-107835-1

Eurofins Eaton Analytical Pomona

Job ID: 380-107835-1

Job Narrative 380-107835-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The sample was received on 8/9/2024 9:52 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.5°C.

Receipt Exceptions

The following sample(s) was listed on the Chain of Custody (COC); however, no sample(s) was received:

Asbestos not received for Well #302 Aunuu

The following sample for SM5210B_ BOD was received outside of holding time: Aunuu Seawater (380-107835-1).

HPLC/IC

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

Metals

Method 200.8: Due to sample matrix effect on the internal standard (ISTD), a dilution was required for the following sample: Aunuu Seawater (380-107835-1).

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

General Chemistry

Method 180.1: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time:

Received samples out of holding time.

- -OPO4
- -180.1
- -BOD
- -353.2

The client provided a response via email and instructed to proceed with the analysis Hua-Hsien Wei provided the response via email on August 9th 2024

-HNH4

Method 353.2: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time:

Received samples out of holding time.

-OPO4

Eurofins Eaton Analytical Pomona

Page 3 of 15

2

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Case Narrative

Client: American Samoa Power Authority Project: AS Power - Reverse Osmosis (RO)

Job ID: 380-107835-1 (Continued)

Eurofins Eaton Analytical Pomona

Job ID: 380-107835-1

-180.1

-BOD

-353.2

The client provided a response via email and instructed to proceed with the analysis Hua-Hsien Wei provided the response via email on August 9th 2024

-HNH4

Method 353.2: The following sample was received outside of holding time: Aunuu Seawater (380-107835-1).

Method 4500_P_E_Ortho: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time:

Received samples out of holding time.

-OPO4

-180.1

-BOD

-353.2

The client provided a response via email and instructed to proceed with the analysis Hua-Hsien Wei provided the response via email on August 9th 2024

-HNH4

Method SM5210B_Calc: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time:

Received samples out of holding time.

-OPO4

-180.1

-BOD

-353.2

The client provided a response via email and instructed to proceed with the analysis Hua-Hsien Wei provided the response via email on August 9th 2024

-HNH4

Method SM5210B_Calc: The following sample was received outside of holding time: Aunuu Seawater (380-107835-1).

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

Eurofins Eaton Analytical Pomona

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Sample Summary

Client: American Samoa Power Authority

Project/Site: AS Power - Reverse Osmosis (RO)

Job ID: 380-107835-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	PWSID Number
380-107835-1	Aunuu Seawater	Water	08/06/24 09:50	08/09/24 09:52	AS9711940

3

4

2

Client: American Samoa Power Authority

Project/Site: AS Power - Reverse Osmosis (RO)

Client Sample ID: Aunuu Seawater

Date Collected: 08/06/24 09:50 Date Received: 08/09/24 09:52 Lab Sample ID: 380-107835-1

Matrix: Water

PWSID Number: AS9711940

Job ID: 380-107835-1

Method: 300.0 - Anions, Ion Chromatog	J. up.i.y							
Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Chloride	39000		500	mg/L		08/10/24 05:56	1000	BG6L
ulfate	4600		250	mg/L		08/10/24 05:56	1000	BG6L
Method: 200.7 Rev 4.4 - Metals (ICP)								
nalyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
ron	ND		0.010	mg/L		08/12/24 20:01	1	YHP7
otassium	410		100	mg/L		08/13/24 19:34	100	YHP7
odium	11000		100	mg/L		08/13/24 19:34	100	YHP7
alcium	420		100	mg/L		08/13/24 19:34	100	YHP7
oron	4.7		0.050	mg/L		08/12/24 20:01	1	YHP7
lagnesium	1300		10	mg/L		08/13/24 19:34	100	YHP7
trontium	7.9		1.0	mg/L		08/13/24 19:34	100	YHP7
Method: 200.8 - Metals (ICP/MS)								
nalyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
arium	ND		10	ug/L		08/13/24 12:27	5	AAE8
langanese	ND		10	ug/L		08/13/24 12:27	5	AAE8
luminum	ND		100	ug/L		08/13/24 12:27	5	AAE8
Method: SM 2340B - Total Hardness (as	s CaCO3) by calculati	on					
nalyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
otal hardness as CaCO3	6500		3.0	mg/L		08/14/24 02:56	1	C4WQ
alcium hardness as CaCO3	1100		2.5	mg/L		08/14/24 02:56	1	C4WQ
agnesium hardness as CaCO3	5400		0.80	mg/L		08/14/24 02:56	1	C4WQ
General Chemistry								
nalyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
urbidity (180.1)	0.55	H H3	0.10	NTU		08/09/24 14:16	1	PK4Q
mmonia (350.1)	ND		0.030	mg/L		08/12/24 14:04	1	D5MQ
itrite as N (353.2)	ND	H H3	0.010	mg/L		08/13/24 14:33	1	KH
itrate Nitrite as N (353.2)	ND	H H3	0.10	mg/L		08/13/24 13:15	1	KH
hemical Oxygen Demand (410.4)	220		100	mg/L		08/14/24 09:26	1	ZL4M
otal Alkalinity as CaCO3 (SM 320B)	120		2.0	mg/L		08/15/24 16:54	1	D5MQ
Sicarbonate Alkalinity as CaCO3	120		2.0	mg/L		08/15/24 16:54	1	D5MQ
SM 2320B) arbonate Alkalinity as CaCO3 (SM	ND		2.0	mg/L		08/15/24 16:54	1	D5MQ
320B) ydroxide Alkalinity as CaCO3 (SM	ND		2.0	mg/L		08/15/24 16:54	1	D5MQ
320B)								
otal Dissolved Solids (SM 2540C)	35000		1000	mg/L		08/09/24 14:58		UJRF
ree Chlorine (SM 4500 Cl G)		HF	0.050	mg/L		08/20/24 12:53		LQ3M
arbon Dioxide, Free (SM 4500 CO2)	ND		2.0	mg/L		08/19/24 19:13	1	V7DE
luoride (SM 4500 F C)	0.56		0.050	mg/L		08/12/24 17:59	1	GP4S
H (SM 4500 H+ B)	8.3	HF	0.01	SU		08/19/24 22:28	1	GP4S
rthophosphate as P (SM 4500 P	0.014	Н Н3	0.010	mg/L		08/09/24 18:13	1	D2MW
) ulfide (SM 4500 S2 D)	ND		0.050	mg/L		08/12/24 11:35	1	MQP5
iochemical Oxygen Demand (SM 210B)	ND	H H3	2.0	mg/L		08/16/24 10:55	1	U7UR

Eurofins Eaton Analytical Pomona

Action Limit Summary

Client: American Samoa Power Authority Job ID: 380-107835-1

Project/Site: AS Power - Reverse Osmosis (RO)

Client Sample ID: Aunuu Seawater

PWSID Number: AS9711940

Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

				CAMCL P	CA SEC			
Analyte	Result	Qualifier	Unit	Limit	Limit	RL	Method	Prep Type
Chloride	39000		mg/L		500	500	300.0	Total/NA
Sulfate	4600		mg/L		500	250	300.0	Total/NA
Iron	ND		mg/L		0.3	0.010	200.7 Rev 4.4	Total/NA
Boron	4.7		mg/L	1		0.050	200.7 Rev 4.4	Total/NA
Barium	ND		ug/L	1000		10	200.8	Total/NA
Manganese	ND		ug/L	500	50	10	200.8	Total/NA
Aluminum	ND		ug/L	1000	200	100	200.8	Total/NA
Turbidity	0.55	H H3	NTU	5		0.10	180.1	Total/NA
Nitrite as N	ND	H H3	mg/L	1		0.010	353.2	Total/NA
Total Dissolved Solids	35000		mg/L		1000	1000	SM 2540C	Total/NA
Fluoride	0.56		mg/L	2		0.050	SM 4500 F C	Total/NA

Lab Sample ID: 380-107835-1

Accreditation/Certification and Definitions Summary

Client: American Samoa Power Authority

Project/Site: AS Power - Reverse Osmosis (RO)

Job ID: 380-107835-1

Laboratory: Eurofins Eaton Analytical Pomona

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E871024	06-30-25

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
200.7 Rev 4.4		Water	Strontium
350.1		Water	Ammonia
SM 2320B		Water	Bicarbonate Alkalinity as CaCO3
SM 2320B		Water	Carbonate Alkalinity as CaCO3
SM 2320B		Water	Hydroxide Alkalinity as CaCO3
SM 2340B		Water	Calcium hardness as CaCO3
SM 2340B		Water	Magnesium hardness as CaCO3
SM 4500 CO2 D		Water	Carbon Dioxide, Free

Laboratory: Eurofins Calscience

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arizona	State	AZ0830	11-16-24
Arkansas DEQ	State	88-0161	07-02-25
California	Los Angeles County Sanitation Districts	9257304	08-01-24 *
California	State	3082	07-31-26
Kansas	NELAP	E-10420	07-31-25
Nevada	State	CA00111	10-31-24
Oregon	NELAP	4175	02-02-25
USDA	US Federal Programs	P330-22-00059	06-08-26
Washington	State	C916-18	10-11-24

Laboratory: Eurofins Eaton Analytical South Bend

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	ISO/IEC 17025	5794.01	07-31-26
Alabama	State	40700	06-30-25
Alaska	State	IN00035	06-30-25
Arizona	State	AZ0432	07-26-25
Arkansas (DW)	State	EPA IN00035	06-30-25
California	State	2920	06-30-25
Colorado	State	IN00035	02-28-25
Connecticut	State	PH-0132	03-31-26
Delaware (DW)	State	IN00035	06-30-25
Florida	NELAP	E87775	06-30-25
Georgia (DW)	State	929	06-30-25
Guam	State	23-011R	07-15-25
Hawaii	State	IN035	06-30-25
Idaho (DW)	State	IN00035	12-31-24
IL Dept. of Public Health (Micro)	State	17767	06-30-25
Illinois	NELAP	200001	09-19-24
Indiana	State	C-71-01	12-31-25
Indiana (Micro)	State	M-76-07	12-31-25
lowa	State	IA Lab #098	11-01-25

 $^{^{\}star} \ \text{Accreditation/Certification renewal pending - accreditation/certification considered valid}.$

Eurofins Eaton Analytical Pomona

Client: American Samoa Power Authority

Project/Site: AS Power - Reverse Osmosis (RO)

Job ID: 380-107835-1

Laboratory: Eurofins Eaton Analytical South Bend (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date			
Kansas	NELAP	E-10233	10-31-24			
Kentucky (DW)	State	KY90056	12-31-24			
Louisiana (DW)	State	LA014	12-31-24			
Maine	State	IN00035	05-01-25			
Maryland	State	209	06-30-25			
Massachusetts	State	M-IN035	06-30-25			
MI - RadChem Recognition	State	9926	03-22-25			
Michigan	State	9926	03-22-25			
Minnesota	NELAP	1989807	12-31-24			
Mississippi	State	IN00035	06-30-25			
Missouri	State	880	09-30-24			
Montana (DW)	State	CERT0026	01-01-25			
Nebraska	State	NE-OS-05-04	06-30-25			
Nevada	State	IN000352024-01	07-31-25			
New Hampshire	NELAP	2124	11-05-24			
New Jersey	NELAP	IN598	06-30-25			
New Mexico	State	IN00035	06-30-25			
New York	NELAP	11398	04-01-25			
North Carolina (DW)	State	18700	07-31-25			
North Dakota	State	R-035	06-30-24 *			
Northern Mariana Islands (DW)	State	IN00035	06-30-25			
Ohio	State	87775	06-30-25			
Oklahoma	NELAP	D9508	08-31-24			
Oregon	NELAP	4156	09-16-24			
Pennsylvania	NELAP	68-00466	04-30-25			
Puerto Rico	State	IN00035	04-01-25			
Rhode Island	State	LAO00343	12-30-24			
South Carolina	State	95005001	06-30-24 *			
South Dakota (DW)	State	IN00035	06-30-25			
Tennessee	State	TN02973	06-30-25			
Texas	NELAP	T104704187-22-16	12-31-24			
Texas	TCEQ Water Supply	TX207	06-30-25			
USEPA Reg X SDWA	US Federal Programs	IN00035	08-24-24			
USEPA UCMR 5	US Federal Programs	IN00035	12-31-25			
Utah	NELAP	IN00035	07-31-25			
Vermont	State	VT-8775	11-15-24			
Virginia	NELAP	460275	03-14-25			
Washington	State	C837	01-01-25			
West Virginia (DW)	State	9927 C	01-31-25			
Wisconsin	State	999766900	08-31-24			
Wisconsin (Micro)	State	10121	12-31-24			
Wyoming	State	8TMS-L	06-30-25			

Qualifiers

General Chemistry

Qualifier	Qualifier Description
Н	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
H3	Sample was received and analyzed past holding time. This does not meet regulatory requirements.
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.

 $^{{}^{\}star}\operatorname{Accreditation/Certification\ renewal\ pending\ -\ accreditation/certification\ considered\ valid}.$

Eurofins Eaton Analytical Pomona

8/20/2024

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Accreditation/Certification and Definitions Summary

Client: American Samoa Power Authority

Job ID: 380-107835-1

Project/Site: AS Power - Reverse Osmosis (RO)

Glossary

DL

DL, RA, RE, IN

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
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor

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)

Detection Limit (DoD/DOE)

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

SDL Sample Detection Limit
SDL Sample Detection Limit
SDL Sample Detection Limit

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

TNTC Too Numerous To Count

8/20/2024

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 $^{^{\}star} \ \text{Accreditation/Certification renewal pending - accreditation/certification considered valid}.$

Eucofins Eaton Analytical Pomona		1		•					is enrofins	- Line
941 Corporate Center Drive Pomona, CA 91768-2642	Chai	n of Cus	Chain of Custody Record	pro						Environment Testing
riuite: 020-300-1100	Sampler Week	Jabaaktion		ınia	<u>}</u>	<u>"</u>	Carrier Tracking No(s)	No(s):	230-64294-18697	4-18697 1
Client Contact	Phone: 1522-()4	97 O	E-Mail:	E-Mail:	, 000 sus	ĬŠ	State of Origin:		Page:	2
Saiosi Tafua Company		PW/SID:	IMGHA.LU	פלופטים					Job#:	
American Samoa Power Authority		A5 47	4711440		Analysis	sis Requested	ested		Dragaryat	on Codes:
Address: 1 Airport Road PO BOX PPB	Due Date Requested:			\(\frac{1}{2}\)					N - None D - HNO3	
City Pago Pago	TAT Requested (days):								CB-ZnAca	ALP/N=QH
1,55, 96799	Compliance Project: A Yos	0s ∆ No								(株) (1)
Phone:	Po #: Purchase Order not required	quired	(6		91	səly	on	(cop)		
Email: staftpa@snower.com	W0 #:				oʻ	lanA y) puem	er	7
Project Name: AS Power - Reverse Osmosis (RO)	Project #: 38007525				∃_005	D) Cob				380-107835 COC
Silver ALLANAN SPAWRAPER	SSOW#:			+H ⁻	REC, 4	OW) - C	e)	tieM le		
l			Matrix Fe (Www.strr, Essentia)	6.005 (8.005)	OF_28D_PI	200°COS	C_Calcd - 1 - Ammon - Local M	4 - Chemica 340B - Loca 1 - Turbidit	iedmuN li	
U Sample Identification	Sample Date Time	_	-	7.00S	300	SM4	320.	zws	401	Special instructions/Note:
_		. /	Preservation Code:	0 2	⊋ 2	Z Z B	S S	N S	X	
Aunau Sampler	8 16/24 10:00	So G	Water	X						
1	-	_	Water	×						
15	9	_	Water	×						
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	I Infrasura			ample Disposal (A 1	sa l (A fee n o Client	nay be ass	assessed if san Disposal By Lab	mples are r b	Sample Disposal (A fee may be assessed if samples are retained 'onger than 1 month) Return To Client Disposal By Lab	than 1 month) Months
Non-nazard riantmane Skin intern Poss Deliverable Requested. I, II, IV, Other (specify)	O CHARGON			Special Instructions/QC Requirements:	ions/QC Re	quirements				
Empty Kit Relinquish d by	Date:		Time				Method of Shipment	Shipment		
Relinquished by	Date/Times 12/2	M	Company	Received by		\ \	1011	1	14 g	Company
Relinquished by	Date/Time: 8707/3-	per	Company Con	17				Date/Time:		Company 6
Relinquished by:	Date/Time:		Company	Received by				Date/Time:		Company
Custody Seals Intact: Custody Seal No.				Cooler Tempe	Cooler Temperature(s) °C.ar.d Other Remarks:	d Other Rema	HS: 6(8)2,	2/4	6-a1	225 GZ
D 153 & 100										Ver. 04/02/2024

Chain of Custody Record

Eurofins Eaton Analytical Pomona

Environment Testing

🕏 eurofins

Special Instructions/Note: Ver 04/02/2024 Months Company Company Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For Mon COC No: 380-64294-18697.2 Preservation Codes: N - None Page: Page 2 of 2 Job #: Total Number of containers Date/Time: Jate/Time: Date/Time: lethod of Shipment Carrier Tracking No(s): State of Origin: Analysis Requested Cooler Temperature(s) C and Other Remarks: Special Instructions/QC Requirements: Lab PM: Lopez, Mana E-Mail: Maria Lopez@et eurofinsus.com × Received by: Received by: Received by enhoidO ear7 - Đ_JO_0084 Time: Preservation Code: Water Water Water Water Matrix Water Water Water 459711948 Company Company Radiological (C=comp, G=grab) Sample Type d٠ **4** B Compliance Project: A Yes A No Po#:
Purchase Order not required
Wo#: 9:50m 9:50mm 8 6124 9.95cm Sample Time 256 0965 Unknown Date: (days): Due Date Requested: Sample Date 8/6/24 8 6 124 Project #: 38007525 SSOW#: Date/Time: Date/Time: Poison B Skin Irritant ☐ Non-Hazard ☐ Flammable ☐ Skin Irrit Deliverable Requested I, II, III, IV, Other (specify) Custody Seals Intact: Custody Seal No.: A Yes A No Avavo Project Name: AS Power - Reverse Osmosis (RO) Sompany: American Samoa Power Authority Possible Hazard Identification Avaus Sawalar Wed # 802 Airport Road PO BOX PPB 941 Corporate Center Drive Pomona, CA 91768-2642 Phone: 626-386-1100 you us sauder Empty Kit Relinquished by Bample Identification

Lan Un Caunal

Ann Un Staurage

Ann Un Staurage

Ann Un Staurage Client Information stafua@aspower.com المالي المالاط elinquished by Saiosi Tafua elinquished by: elinquished by AS, 96799

Order Completion Information

Maria Lopez Filled by: Creator:

AS Power - Reverse Osmosis (RO)

Bottle Order Information

7/10/2024 12:57:50PM

Request From Client 7/10/2024

Bottle Order #:

Bottle Order:

Date Order Posted.

Order Status: Prepared By.

Ready To Process Maria Lopez

Sent Date:

Tracking #: Sent Via.

Lab Project Number: 38007525

PWSID:

7/18/2024 11:59:00PM

Deliver By Date:

Auna Seamoder Samples

Lot#											i i							
Comments	9:62.	1 /20m	* 6: Add.	10.0mm	9:550m	q:51am		9:50om	9:52am		q:55am	g:550m	4:50am	10:00cm		9:50am	9:50 m	9:500m
Sample Type	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Method	SM4500_H+ - Local Method	2320B - All Forms Alkalinity	200.7 - (MOD) 50 States	200.8 - (MOD) 50 States	353.2 - Nitrate (Nitrite+NO3NO2)	300_OF_28D_PREC - Chloride and Sulfate	4500_F_C - Fluoride	4500_P_E_Ortho - Orthophosphorus	SM4500_S2_D - (MOD) Copy Analytes	SM4500_CO2_D - (MOD) Copy Analytes	2540C_Calcd - Total Dissolved Solids	350 1 - Ammonia	5310C - Local Method	410.4 - Chemical Oxygen Demand (COD)	SM2340B - Local Method	180 1 - Turbidıty	4500_CL_G - Free Chlorine	SM5210B_Calc - BOD, 5-Day
Preservative	None		Nıtrıc Acid		None	None		None	Zinc Acetate and Sodium Hydroxide	None	None	Sulfunc Acid	Sulfuric Acid	Sulfuric Acid	None	None	None	None
Botile Type Description	Plastic 250ml - unpreserved		Plastic 500ml - with Nitric Acid		Plastic 125mL - unpreserved	Plastic 125mL - unpreserved		Plastic 125mL - unpreserved	Plastic 250ml - wrth Zinc Acetate & NaOH	No Container	Plastic 500ml - unpreserved	Plastic 250ml - with Sulfuric Acid	Amber Glass 125mL - Sulfuric Acid	Plastic 250ml - with Sulfuric Acid	No Container	Amber Glass 1 liter - unpreserved	Amber Glass 125mL - unpreserved	Plastic 1 liter - unpreserved
Qţ	7		2		2	2		7	7	0	7	7	7	7	0	7	7	7
Bottlea/Set	-		-		-	~		1	~	0	1	-	-	_	0	-	-	_
Sets	7		^		7	2		7	L 13	_	7	7	7	7	7	7	7	7

Please notify your PM immediately if an error is found in shipment. When returning samples, please return all provided QC samples.

8/20/2024

Eurofins Eaton Analytical Pomona

941 Corporate Center Drive Pomona, CA 91768-2642 Phone: 626 386 1100

Chain of Custody Record



eurofins

Environment Testing

Filone, 626-366-1100																		
Client Information (Sub Contract Lab)	Sampler:			Lab Lop	РМ: ez, Ma	aria					Ca	rrier Trac	king No(s):		COC No: 380-144285.1		
Client Contact: Shipping/Receiving	Phone:			E-M		ez@	et eur	rofinsi	us.com			ate of Orig				Page: Page 1 of 1		
Company: Eurofins Environment Testing Southwest,				1,,,,	Accre	ditatio		uired (S	See note)	:	17.5		Cumoa			Job #:		
Address:	Due Date Requeste	ed:			INCL	-	rioriu	a							-	380-107835-1 Preservation C	odes:	
2841 Dow Avenue, Suite 100,	8/20/2024								Ana	lysis F	Requ	ested				-		
City: Tustin	TAT Requested (da	ıys):				l												
State, Zip: CA, 92780						Chemical Oxygen Demand (COD)							ı					
Phone:	PO #:		· · · · · · · · · · · · · · · · · · ·			mand								1				
714-895-5494(Tel) Email:	WO #:				9	P P	5-Day											
Cilian.	VVO #.				Yes or I	, X	BOD, 5								2			
Project Name: AS Power - Reverse Osmosis (RO)	Project #: 38007525														container			
Site:	SSOW#:				ered Sample (hem	D Prep								cont	Other:		
			1		d Sal	e e	ic/B0								er of			
		Sample	Sample Type (C=comp,	Matrix (W=water, S=solid, O=waste/oil,	Field Filtere		SM5210B_Calc/BOD								Total Number			
Sample Identification - Client ID (Lab ID)	Sample Date	Time		BT=Tissue, A=Air		; <u>₹</u>	SM!								P	Special	Instructions/I	Note:
		10:00	Preserva	tion Code:	W	1						-		+	-X			
Aunuu Seawater (380-107835-1)	8/6/24	Pacific		Water	11	×	X			\perp				Ш	2			
					П													
					+	\top				11				+				
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Note: Since laboratory accreditations are subject to change, Eurofins Eaton Al currently maintain accreditation in the State of Origin listed above for analysis/ Eurofins Eaton Analytical, LLC attention immediately. If all requested accredit	tests/matrix being analyz	ed, the sample	es must be ship	ped back to th	e Eurofii	ns Eat	on Ana	alytical,	LLC labo	ratory or	other in	structions	nipment is will be pr	forwarde ovided. /	ed under Any char	r chain-of-custody. nges to accreditatio	If the laboratory don status should be	oes not brought to
Possible Hazard Identification	-				s	ampi	e Dis	posa	I (A fee	e may b	e ass	essed i	sampl	es are	retain	ed longer than	1 month)	
Unconfirmed							Retur	п То (Client		\Box_{Dis_i}	oosal By	Lab		Arch	nive For	Months	
Deliverable Requested: I, II, III, IV, Other (specify)	Primary Delivera	able Rank:	1		Sı	pecia	ıl Insti	ruction	ns/QC F	Require	ments							
Empty Kit Relinquished by:		Date:			Time							Metho	of Shipr	nent:				
Relinquished by:	Date/Time:	1 14	234	Company	0	Red	eiyed A	94: 7UN	0 L	ste	26	8	Date	g g	4	15:00	Company	sel. ban
Relinquished by Apre 868	Date/Time:	15	40	Company	Jila	Red	eived	by:				1111		e/Time:	,		Company	-
Relinquished by:	Date/Time:	د () :	/-	Company	1000	Red	ceived	by:					Date	e/Time:			Company	
Custody Seals Intact: Custody Seal No.:		1 5 9		3.60		Cod	oler Ter	mperati	ure(s) °C	and Othe	r Rema	rks:	1	.6	17	1.68	cil	1111

Eurofins Eaton Analytical Pomona 941 Corporate Center Drive Pomona, CA 91768-2642 Phone: 626-386-1100

Chain of Custody Record

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eurofins:

Environment Testing

- 1	Sampler			Lab PM	A.	Carrier Tracking No(s):	COC No:
Client Information (Sub Contract Lab)				Lope	Lopez, Maria		380-144535.1
Shipping/Receiving	ion			Maria	Maria.Lopez@et.eurofinsus.com	American Samoa	Page 1 of 1
Company: Eurofins Eaton Analytical				ļ:	Accreditations Required (See note): NELAP - Florida		Job #: 380-107835-1
Address: 110 S Hill Street,	Due Date Requested: 8/20/2024	<u>α</u>			Analysis	Requested	Preservation Codes:
City: South Bend	TAT Requested (days):	ys):					
State, Zip IN, 46617							
Phone: 574-233-4777(Tel) 574-233-8207(Fax)	PO #)		
- 1	WO#						
	E				r No)		ers
Project Name: AS Power - Reverse Osmosis (RO)	38007525				es or		taine
Site	SSOW#				SD (Y		Other:
			Sample	Matrix	tered S MS/MS trate (Nit		imber o
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	(C=comp, G=grab)	S=solid, O=waste/oil, BT=Tissue, A=Air)	Perfor		To Special Instructions/Note:
	\bigvee		0		X		\times
Aunuu Seawater (380-107835-1)	8/6/24	10:00 Pacific		Water	×		-1
Client Provided Sample Container							
							hills Temp: 0.7
RECEIVED OUT OF HOLD TIME							IK Gun # O. O. N.B.
Note: Since laboratory accreditations are subject to change, Eurofins Eaton Analytical, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Eaton Analytical, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Eaton Analytical, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Eaton Analytical, LLC.	ical, LLC places the c s/matrix being analyzons are current to date	ownership of me ad, the samples return the sign	thod, analyte & must be shipp ed Chain of Cu	accreditation ed back to the stody attesting	compliance upon our subcontract laboratories. Eurofins Eaton Analytical, LLC laboratory or oth to said compliance to Eurofins Eaton Analytical	This sample shipment is forwarded er instructions will be provided. Any , LLC.	under chain-of-custody. If the laboratory does not y changes to accreditation status should be brought to
Possible Hazard Identification Unconfirmed					Sample Disposal (A fee may be Return To Client	e assessed if samples are re	may be assessed if samples are retained longer than 1 month) Disposal By Lab Archive For Months
Deliverable Requested: I, II, III, IV, Other (specify)	Primary Deliverable Rank:	able Rank: 1			Special Instructions/QC Requirements:	ents:	
Empty Kit Relinquished by:		Date:			Time:	Method of Shipment:	
Relinquished by: (QJ LJ)	2 Charles	9 7	800	Company	Reckined by:	Date Time:	21100 46
Relinquished by:	Date/Time:		0	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:		0	Company	Received by:	Date/Time:	Company
Custody Seals Intact: Custody Seal No.: ∆ Yes ∆ No					Cooler Temperature(s) °C and Other Remarks:	emarks:	
							Ver: 04/02/2024