FIELD EQUIPMENT VERIFICATION (PRE/POST A WEEKLY SAMPLING):



		рH			Dissolved Oxygen			Salinity			Temperature	QA/QC Check
-	-		1200	-		-	-		-	-		Inst #
N	1		2	1		2	1		S-2	\$-1		Probe #
81/5/1	2/8/18		8/14/17	8/18/17		12/18/17	11/18/17		n/a	n/a	n/a	Last Cal Date
		Std			Std			Std			Std	
7.00	7.00	7.00	99.9%	% 5.80	1	0.11	0.11	0.13		22.1	Chinge 1)	Verifica
10.01	10.01	10.01	1%	20	100%	33.8	33.7	33.0	21.7		21.9 (PASE E)	PRE: Verification Value
1	20.4	E 4	1	100-1	1.401	1	0.12	51.0	1	28.2	28.0	Verifica Verifica
1	10.08	10.01	ľ	_	1.	ı	33.6	33.0		2	0	POST: Verification Value
		± 3 % of calibration solution (6-8)			Post-check ± 5 % of pre-check (0- 100%)			± 3%, blank			± 1°C of NIST	Acceptable Range (Check range)
		6.79 - 7.21			80 - 120 %			33.95 - 36.05			Within 1°C	Comments/Notes
												QA7

QA: * Are pre- and post within one week?
* Delay times are ok?

^{*} Other equipment issues?

	KKT180206 9:23 24.7 35.4	KKO180206 9:10 24.8 35.4	Cove Park 8:48 24.2 34.3	KKP180206 8:33 24.2 35.2	KKS180206 8:25 23.7 34. J	Walpullani Park 7:55 23.7 34.9	Sample ID Time	Location Name
	74.7	8.4.8	24.2	24,2	23.7	23.7	°C).	Temp
		35-4	34.3	35. 2		34.9	(ppt)	Salinity
	6.71 99.3 8.18 2.74 3.26	6.72 99.6 8.18 5.79 6.3	6.80	6.66 97.5 8.11 15.4 16.5	4.73 97.0 8.11 17.7 17.3	6.43	(mg/L) (%)	Dissolved Oxygen
	99.3	99.6	98.69 98.89	97.5	97.0	6.43 95,9 8.11 35.0 33.1	(%)	Oxygen
	81-8	59	8.14	11.8	11.8	8,11	pН	
	Q.74	2000	98.0 8.14 7.51 8.33	15.4	17.7	35-0		
	3,26		9 .33	16.5	17.3		(NTU)	Turbidity
	3.26	6.17	7.92	1.5	17.4	33.7		
	W	T	h	60	N	ىد	(0-3)	Waves
Waster Off to make I for mall manner of break high 30 main high	4	-	0	0	0	-	(0-6)	Wind
The state of the s	70 477	9	C	18	0	0	water	
-	77	30	0	60	U	7	beach	People
100	0	0	-	0	0	10	camp	
1000	0					0	TSS	
The state of the s	0		0		0	0	duplicate	

Streams flowing? (Y/N)	Wind direction (Trades/Kona)	Rain conditions (last 24 hrs) Heavy	Cloud cover (0-8)	Moon day (from new)	Most recent tide time (falling or rising) Low: 5:59am (F) High: 1:14pm	COASTAL AND ENVIRONMENTAL CONDITIONS
	50	Heavy 12 hours aga		21	:59am (F) :14pm	ONS

Very str	Use the back
Very shong wind & Kam III	NOTES AND COMMENTS (trends, equipment problems, errors, concerns). Use the back of the form if needed.
E Kam III	ends, equipment p
	roblems, errors,
	concerns).

	Blank	Low	Med	High
Standard	0.03	5.95	5646	590
Pre-sampling	0.09	6.04	54.5	591
Post-sampling	0.04	503	4.92	200

	# of samples	Relinquished to	Contact
Sediment			
Nutrients	6	ママン	Sotie
Bacteria			

Farm 64 Satt GRAW

Signature (Team, Lead):

sofia de la situ

Date	Session	Team
02/06/18	7	Kamaole
	1st Initial)	Samplers
	DWINN A	Howard.
100	MARIK	Grams
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						Sediments	KKT180206-N-1 K	KKO180206-N-1	KCP180206-N-1	KKP180206-N-1 Ka	KKS180206-N-1 K	KWP180206-N-1 Wai	Nutrients	Sample ID Loc	
							Kamaole III	Kamaole I	Cove Park	Kalama Park	Kihei South	Waipuilani Park		Location Name	
	0	0	0	0	0		rs.	O.	R	R	6	6		Sample taken?	
	0	0	0	0			0		0		0	0		Storm sample?	
							9:23	9.10	8:45	8:33	8: 15	55:t		Time	
-	500 ml		125 ml	125 ml		Volume									
							Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters		Protocol Notes	
														Comments	

Signatur (Team Lead):

Africa de la Sh

Makena Samplers (Last Name, 1st Initial)	
Samplers (Last Name, 1st Initial)	-1
	Time W

Makena	Samplers (Last Name,	3	Tima W, Shenght, Sopia	N.	Then	12/20	J.	ha.	.V	Meters :	Meters and Probes ID	es ID	10001		6000
	/ designation	111													
02/07/18										pH: 1		DO: 1		Salinity: 1	3
Sation Name		Callindry	Dissolved Oxygen	Oxygen					-			People			-
sample ID Time		(°C) (ppt)	(mg/L) (%)	(%)	рН		(NTU)		(0-3)	(0-6)	water beach		camp	TSS	duplicate
ML180207 8:	00 2HH	14.48	6.72	1.86	216	1.13	1.22/	2	-	0	\	9	8		
each 07	8:25 24.4 35.0 6.82 100.1 8.16 2.39 2.05 1.77	35.0	6.82	100.1	8.16	3.39	3.05/	1000000	ثلا	0	U	0	0		
			The second second second second				-	-		or other Designation of the last of the la	-	ł			e.

Ahihi Kinau South MAS180206	Ahihi Kinau North MAN180206	Makena Beach MMB180206	Oneuli MON180206	S Maluaka Beach MMB180207	Makena Landing MML180207	Sample ID	Location Name
9:35	9. K	9.05	8:45	8:25	8:00	Time	
25.0	24.6	24.9	24.5	HHE	HAR	(°C)	Temp
9:35/25.035.1 6.68 99.18.13 1.41 1.44/	35.1	9.0524935.4 6.74 99.8 8.20 0.390.450	35.1	8:25 244 35.0 6.82 100.1 8.16 2.39 2.051	34.4	(ppt)	Salinity
6.68	6.95	6.74	6.85	6.82	6.72	(mg/L) (%)	Dissolved Oxygen
99.1	6.20]	99.8	100.7	100.1	98.1	(%)	Oxygen
813	8.10	06.8	8.14	8.16	8.16	рН	
1.41	1.4.	D.39	5.78	2.39	1.13		
1.44	1.3.1	24.0	6.25	20.5	1,22	(NTU)	Turbidity
1.57	1.43	64.0	19:5	1.77	1.15		
0	0)	2	r	1	(0-3)	Waves
0	0	_	0	0	0	(0-6)	Wind
10	0	0	0	W	1	water	
6	0-	7	0	0	9	beach	People
0)	0	0	0	0	0	camp	
0	0					TSS	
0	0	0	0	П		duplicate	N. I.

Waves: 0ft: no waves; 1ft: small waves; 2ft: knee high; 3ft: waist high Wind: 0: calm; 3: gentle breeze; 6: strong breeze

COASTAL AND ENVIRONMENTAL CONDITIONS	CONDITIONS
Most recent tide time (falling or rising)	Low: 6:10am (F) High: 2:12pm
Moon day (from new)	22
Cloud cover (0-8)	,
Rain conditions (last 24 hrs)	torrental rank
Wind direction (Trades/Kona)	0 45/2
Streams flowing? (Y/N)	no last retres

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			THE CONTRACTOR STREET	THE RESIDENCE AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED
	Blank	Low	Med	High
Standard	0.04	29.5	58.6	3
Pre-sampling	20.0	600	8.95	589
Post-sampling	000	200	0.95	250

	# of samples	Relinquished to	Contact
Sediment)		
Nutrients	0	ナろつ	क्रिक
Bacteria	1		Application of the second

Signature (Team Lead):
Autor (A sofin ar la Printed Name: いかつ

7 (Last Name, String) String S	2/07/18
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Sample ID	Location Name	Sample taken?	Storm sample?	Time	Volume	Protocol Notes	Comments
Nutrients							
MML180207-N-1	Makena Landing	R	EX X	0:0	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
MMB180207-N-1	South Maluaka Beach	6	Q X	× 80. 8.25	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
MON180207-N-1	Oneuli	Q	0	8:45	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
MBS180207-N-1	Makena Beach Shoreline	d	0		125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
MAN180207-N-1	Ahihi-Kinau North	d	0	25.76	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
MAS180207-N-1	Ahihi-Kinau South	B	0	9:35	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
Sediments							
		0	0		500 ml		
		0	0		500 ml		
		0	0		500 ml		
		0	0		500 ml		
		0	0		500 ml		
		0	0		500 ml		

Signature (Team Lead):

Printed Name: