☐ Temperature of incubator (in)

☐ Temperature of incubator (out)

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

Session No:	Verifiers:		Pre date:	Pre time:	Post: Date:	Post time:
11	6 BURNER L	UTURU	4/2/18	9:20	4/6/18	12:10



QA/QC Check	Inst#	Probe#	Last Cal Date			RE:		OST: ation Value	Acceptable Range (Check range)	Comments/ Notes	QA?
Temperature			n/a	Std		(MVBG-2) 22.7	26.6		± 1°C of NIST	Within 1°C	
	1	1	n/a		23.1		27.0			4	
	1	2	n/a		in Sue	22.8		-			
Salinity				Std	0.13	33.0 ppt	0.13	33.0 ppt	± 3%, blank	33.95 – 36.05	
	1	1	3/14/18		0.14	33.7	0.13	33.5			
	i	2	3/18/18		0.14	33.5					
Dissolved Oxygen				Std	100	%	10	0%	Post-check ± 5 % of pre-check (0- 100%)	80 – 120 %	
	1	1	9/19/17		9	8.4	10	0.1%			
	1	2	9/19/17			9.7					
рН				Std	7.00	10.01	7.00	10.01	± 3 % of calibration solution (6-8)	6.79 – 7.21	
	1	1	4/2/18		7.03	10.06	7.05	10.08			
	1	2	4/2/18		7.04	10.06				ant also and the electric control and the start per production and the start per production and the start per t	

QA:

* Are pre- and post within one week?
* Delay times are ok?
* Other equipment issues?

Team	Kamaole	Samplers Brown
Session	11	(Last Name, Paselle
Date	04/3/18	(uin)

Meters and	Probes ID	
HQ40d: 1		2100Q: 1
pH: 1	DO: 1	Salinity: 1

Location Name Sample ID		Temp	Salinity	Dissolved Oxygen		Turbidity V		Waves	Wind	People (within 100 ft)			TSS	Nutrient		
	Time	(°C)	(ppt)	(mg/L)	pH (%)	рн		(NTU) (0-3)			(0-6)	water	beach	camp	133	duplicate
Waipuilani Park KWP180403	8:00	252	33,9	6.40	94.6	8,08	13,0	13.8	13.7	1	2	0	20	3		
Kihei South KKS180403	824	25.2	32,6	6:35	93.1	8,10	6.79	6.18	6.46	1	2	0	15	0		
Kalama Park KKP180403	841	25.5	34.4	6,66	99.0	8.16	5,53	5.75	5.87	2	2	0	10	0		
Cove Park KCP180403	902	25.8	31.7	6,67	98,2	8.13	2:63	2.80	2,87	2	2	42	5	0		
Kamaole I KKO180403	923	26.3	34.3	6,62	99.3	8.18	1.07	1.47	1.48	Z	2	10	80	6		
Kamaole III KKT180403	944	- 25.8	34.5	6,59	98.8	8,17	1,28	1,59	1.61	2	2	35	80	0		

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

Most recent tide time (falling or rising)	Low: 11:14 am High: 5:29 am (falling)
Moon day (from new)	Full may 18
Cloud cover (0-8)	1 4
Rain conditions (last 24 hrs)	heavy rain lust night
Wind direction (Trades/Kona)	
Streams flowing? (YN)	on not flowing now

NOTES AND COMMEN Use the back of the form it	quipment prob	lems, erro	rs, concer	ns).

FURBIDITY VE	RIFICATION			
	Blank	Low	Med	High
Standard	0.084	6.06	56.6	588
Pre-sampling	0,10	5.99	37.0	588
Post-sampling	0.06	6.02	57.1	588

CHAIN OF C	USTODY INFORM	IATION	
	# of samples	Relinquished to	Contact
Sediment	J. agencirit	Oktobas	
Nutrients	6	NWS	sofia
Bacteria		-	

Signature (Team Lead):

Printed Name:

M. Brown

sofia de la sete

Team Ka	amaole	Samplers (Last Name,	Brown, M	
Session 11	1	1st Initial)	RuelK, S.	
Date 04	4/03/18		Own, A	

Sample ID	Location Name	Sample taken?	Storm sample?	Time	Volume	Protocol Notes	Comments
Nutrients							
KWP180403-N-1	Waipuilani Park			8:00	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
KKS180403-N-1	Kihei South	d		8:24	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	•
KKP180403-N-1	Kalama Park	d	П	8:41	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
KCP180403-N-1	Cove Park	⊌		9:02	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
KKO180403-N-1	Kamaole I	☑		9:23	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
KKT180403-N-1	Kamaole III			9:44	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
Sediments							
					500 ml		
					500 ml		
					500 ml		
					500 ml		
					500 ml		
					500 ml		and the last of th

Signature (Team Lead):	Printed Name:	WAR-PURE
Soller Cest	sofia de la si	Z.
1		

Team	Makena	Samplers	
Session	11	(Last Name, 1st Initial)	1
Date	04/04/18		

	ונגיו	ASD I	50.	6.
2	nu	7910	25	3
	5h	arp	e,	4

Meters and	Probes ID		
HQ40d: 1		2100Q	: 1
pH: 1	DO: 1		Salinity: 1

lima			G 11 - 14-	Dissolved	ssolved Oxygen			Turbidity W		Waves	Waves Wind	People (within 100 ft)		100 ft)		Nutrient
	(°C)	Temp Salinity (ppt)	(mg/L)	(%)	pН	(NTU) (0-3)				beach	camp	TSS	duplicate			
Makena Landing MML180404	8:05	25.2	34.7	6.64	98.5	8.15	2.45	3.01	2.78	Ţ	2	3	0	0		
S Maluaka Beach MMB180404	8:35	35.3	34.7	6.45			0.51		0.43	2)	2	2	0		
Oneuli MON180404	4:00									2	0	0	5	-0-		
Makena Beach MBS180404	9:00	25.C	35.3	6.75	100.1	8.19	0.43	0.49	0.48	2	0	0	S	0		
Ahihi Kinau North MAN180404																
Ahihi Kinau South MAS180404																

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
Most recent tide time (falling or rising)	Low: 11:39 pm High: 5:45 am (falling)
Moon day (from new)	19
Cloud cover (0-8)	8
Rain conditions (last 24 hrs)	scattered showers Kone.
Wind direction (Trades/Kona)	Hong.
Streams flowing? (Y/N)	N

NOTES AND COMMENTS (trends, ed). Use the back of the form if needed.			
MON + MAN + MAS	closed	due to	shauks a
P(UI) TO P(I) IN THE P			

URBIDITY VE	RIFICATION			
	Blank	Low	Med	High
Standard	0,06	6.06	56.6	288
Pre-sampling	0.03	6.15	57.0	587
Post-sam pling	0.05	597	57.1	288

	# of samples	Relinquished to	Contact
Sediment	-	-	_
Nutrients	3	NWE	Soprai
Bacteria			-

Signature (Team Lead):	Printed Name:
de la le	John de la for

Hui O Ka Wai Ola - Sample Collection Datasheet

Team	Makena	Samplers	Wonder L	
Session	11	(Last Name, 1st Initial)	arning I	
Date	04/04/18		gheroxe M	

Sample ID	Location Name	Sample taken?	Storm sample?	Time	Volume	Protocol Notes	Comments
utrients							
MML180404-N-1	Makena Landing	6		8:05	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
MMB180404-N-1	South Maluaka Beach	Ø		8:35	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
MON180404-N-1	Oneuli				125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
MBS180404-N-1	Makena Beach Shoreline	Ø		9:00	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
MAN180404-N-1	Ahihi-Kinau North				125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
MAS180404-N-1	Ahihi-Kinau South			-	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
ediments							
		П			500 ml		
					500 ml		
			П		500 ml		
					500 ml		
			П		500 ml		
					500 ml		

Signature (Team Lead):	Printed Name:	
Say a lox	dofra de la sin	

Team	North Kihei	(I act Name	& Greene N	Thunkolm, K	Meters and Probes ID				
Session	11	(Last Name, 1st Initial)	E Piles R		HQ40d: 1		2100Q: 1		
Date	04/05/18		Bahr +	n es	pH: 1	DO: 1		Salinity: 1	

Landin Namo		Temp	Salinity	Dissolved	Oxygen	6	Turbidity			Waves	Wind	People	(within	100 ft)		
Location Name Sample ID	Time	(°C)	(ppt)	(mg/L)	(%)	рН	-0	(NTU)		(0-3)	(0-6)	water	beach	camp	TSS	Nutrient duplicate
Haycraft Park NHP180405	8:13	25.4	32.7	7.53	95.5	8.04	6.73	5.14	6.09	1	6	3	7	0		
Kealia Pond NKP180405	8:42	25.7	33.9	6.74	99.8	8.14	5,38	6.18	5.72	2	5	0	0	0		
Sugar Beach NSB180405	9:00	26.0	34.38	6.67	99.6	8.14	5.69	5.70	5.87	2	4	0	(0		
Kihei Canoe Club NKC180405	9:22	26.3	34.0	6.69	100.3	8.18	5.40	5.97	5.77	3	4	4	0	0		
Mai Poina Oe Iau NMP180405	9:35	26.8	32.8	6.61	99.3	8.12	28.5	28.8	27.6	2	3	0	9	0		
Kalepolepo North NKN180405	9:51	27.0	32.5	6.32	95.0	8.12	张3	32.4	32.0	2	3	6	2	0		

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

Most recent tide time (falling or rising)	Low: 11:39 am 668 12:04 pm High: 5:45 am (F) 5:55 am
Moon day (from new)	19
Cloud cover (0-8)	8
Rain conditions (last 24 hrs)	<u>5</u>
Wind direction (Trades/Kon)	Kong
Streams flowing? (Y/N)	N '

NOTES AND COMMENTS (trends, equipment Use the back of the form if needed.	problems, errors, concerns).

TURBIDITY VE	RIFICATION			
	Blank	Low	Med	High
Standard	0.06	6.06	56.6	588
Pre-sampling	108	5.98	57.1	588
Post-sampling	0.06	5.97	57.0	586

CHAIN OF CU	JSTODY INFORMAT	TION	
	# of samples	Relinquished to	Contact
Sediment		-	-
Nutrients	G	AMS	Sofia
Bacteria	-	_	-

Signature (Team Lead):	Printed N	ame:		internation of the property of the second
Jaller 6 Km	Rofa	de	6	5310

Hui O Ka Wai Ola - Sample Collection Datasheet

Team	North Kihei	Samplers	Green	~	Thunholm	4
Session	11	(Last Name, 1st Initial)	Riles	R		
Date	04/05/18		bani	F		

Sample ID	Location Name	Sample taken?	Storm sample?	Time	Volume	Protocol Notes	Comments
Nutrients							
NHP180405-N-1	Haycraft Park	M		8:13	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
NKP180405-N-1	Kealia Pond	Q		8:42	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
NSB180405-N-1	Sugar Beach	Ø		9:00	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	The state of the s
NKC180405-N-1	Kihei Canoe Club	Ø		9:22	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
NMP180405-N-1	Mai Poina Oe Iau	ø		9:35	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
NKN180405-N-1	Kalepolepo North	व		9:51	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
Sediments							
			<i>y</i> . □		500 ml		
					500 ml		
					500 ml	3	=
					500 ml		
					500 ml		**************************************
					500 ml		

Signature (Team Lead):	Printed Name:
JollaCoz	Joha de la sta

Team	Wailea	Samplers	HECHT, H BURNETE, E.	WOLF A July	Meters and I	Probes ID		
Session	11	(Last Name, 1st Initial)	PAHUKOA, K JANUSE	- / 1	HQ40d: 1	*	2100Q: 1	
Date	04/06/18				pH: 1	DO: 1	Salinity:	: 1

Location Name	T:	Temp	Salinity	Dissolved Oxygen		Turbidity		Waves	Wind	People	e (within	100 ft)				
Sample ID	Time	(°C)	(ppt)	(mg/L)	(%)	pH			(0-3)	(0-6)	water	beach	camp	TSS	Nutrient duplicate	
Kilohana Dr WKD180406	7:55	25.6	35.0	6.15	108.3	8.18	0.80	0.45	0.78	1	2	1	4	0		
Keawakapu Beach WKB180406	8:20	25.7	35.1	6.72	100.1	8.18	0.65	0,57	-0.60	1	1	2	20	0		
Ulua Beach WUL180406	8:45	25.7	34.9	6.77	100.9	8.17	0.64	0.74	0.60	0 /	0	20	70	(7)		
Wailea Beach WWA180406	9:00	26.1	342	6.70	100.6	8.19	0.47	0.50	0.54	47	3	20	20+	0		
Palauea WPL180406	9:32	126.1	35.1	6.72	-100.7	8.18	1,02	1.18	1.84	2	1	8	20	0		
Poolenalena WPO180406	9:52	126.1	35,0	6.78	1014	1876	0.44	0,41	0.73	2	2	10	20	.2		

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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
Most recent tide time (falling or rising)	Low: 12:33 pm High: 5:38 am (F)
Moon day (from new)	20
Cloud cover (0-8)	1
Rain conditions (last 24 hrs)	Van
Wind direction (Trades/Kona)	INADES Walle
Streams flowing? (Y/N)	N/A

NOTES AND COMMENTS (trends, Use the back of the form if needed.	equipment problems, errors, concerns).

TURBIDITY VE	RIFICATION			
	Blank	Low	Med	High
Standard	0.06	6.06	56.6	588
Pre-sampling	0.06	6.13	57.1	588
Post-sampling	0.05	6.17	57.1	588

CHAIN OF CU	USTODY INFORMAT	TION	
	# of samples	Relinquished to	Contact
Sediment	-	-	-
Nutrients	6	NNS	GERALE BERNES
Bacteria	-	-	-

Signature (Team Lead):	Printed Name:		
Ir & MARK	CERRICA G. BUNGETTE TO		

Team	Wailea	Samplers	HECHT, A. BURNETE, G. WOLF, A.
Session	11	(Last Name, 1st Initial)	PAHUKOA, K JANUEL, J
Date	04/06/18		Jean Park, Garage

Sample ID	Location Name	Sample taken?	Storm sample?	Time	Volume	Protocol Notes	Comments
Nutrients							
WKD180406-N-1	Kilohana Dr	Ø		7:53	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
WKB180406-N-1	Keawakapu Beach	12/		8:20	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
WUL180406-N-1	Ulua Beach	6		8:45	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	A CONTRACTOR OF THE CONTRACTOR
WWA180406-N-1	Wailea Beach	12/		9:08	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	TOTAL CONTROL OF THE PARTY OF T
WPL180406-N-1	Palauea	12/		9:32	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
WPO180406-N-1	Poolenalena	d		9:52	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
Sediments							
					500 ml		
					500 ml		
					500 ml		
					500 ml		
					500 ml		
					500 ml		

Signature (Team Lead):	Printed Name:
Sen & MA TO	GEORGE G. BURDEAL SU