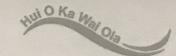
## FIELD EQUIPMENT VERIFICATION (PRE/POST A WEEKLY SAMPLING):



Session No:		Verifie	ers (pre-samr	dima).	D	- 12					18	
24	Mie	Must	~ 9. Be	Me		re Date: 2/3/18	Pre Tim 8:40	e: \	erifiers (post-sam	pling);	Post Date:	Post Time:
QA/QC Check	Inst#	Probe #	Last Cal Date		PR Verificati	tE; ion Value	PO Verificat	ST:	Acceptable Range	(	Comments/ Notes	10:15 QA?
Temperature	NIST	n/a	n/a	Std Val	NIST 22.9c	NIST 22.9°C	NIST °C	NIST 24.3°C	± 0.6 °C of NIST		NIST Std value in tap wa	
	2	1	n/a		23.2		Married .					
	2	2	n/a			23.1		24.5				
Salinity			3 months	Std Val	Tap water 0.13	Salin Std SIZZA Sate 5 Z Lopt	Tap water 0.13	Salin Std ZV/8 date 32.6 ppt	± 1 ppt	Salinity Std	compare pre & post value - compare to value on inity Std bottle	es
	Z	1	10/1/18		0.13	33.4	0	everage graph of the second		Sai	mity std bottle	
	2	2	10/1/18		0.13	33:3	0.13	33.3				
Dissolved Oxygen			1 year	Std Val	10	0%	10	0%	±5%			
	2	1	10/1/18		101	3	-	=				
	2	2	10/1/18		10%		101	2.3				
рН			3 weeks	Std Val	pH 7.00	pH 10.00	pH 7.00	pH 10.00	± 0.1 pH of pH sid value	Compare to	Manufacturer pH Std val	ue on
	2	1	12/3/18		7.02	10.03	-	-				
	2	2	12/3/18		-	10.03	7.02	10.03				
Turbidity			3 months	Std Val	BLANK <0.1	6.L\$/6.33 LOW 1-10	BLANK <0.1	LOW 1-10	± 0.18 NTU Low 1-10		re to Gel LOW 1-10 Calibration value	
	1	n/a	10/1/18		0.05	6.30						
	2	n/a	10/1/18		0.04	6.83	0.05	6.04				

<sup>\*</sup> Are pre- and post within one week?

\* Delay times are ok? QA:

Team	Kamaole	Samplers	Horan Hecht	M	Meters and Probes ID			
Session	24	(Last Name, 1st Initial)	Dava Howard  R- + Para	HQ40d; 2 2100Q; 2		2		
Date	12/4/18					DO: 2		Salinity: 2
				15-		00.2		Juniny, 2

Location Name	Streams	Time	Temp	Salinity	Dissolved	Oxygen			Turbidity (NTU)		People (within 100 ft)		
Sample 1D	Flowing (Y/N)	(of collection)	(°C)	(ppt)	(mg/L)	(%)	pH				water	beach	camp
Normal Values			variable	30 - 35 ppt		85 - 105%	8-8.3		variable				
Kalepolepo North NKN181204	N	8102	25,1	32.7	6.06		8.15	707		1.30	1	n	0
Waipuilani Park KWP181204	NA	8:36	24,4		5.94				6.58		0	7	1
Kihei South KKS181204	NA	8,54	25.3	34.5	5.77	85.3			3,55		0	-	0
Kalama Park KKP181204	N	9:15	24.9	34.5	6,77	99,5			1,27		3	7	0
Cove Park KCP181204	N	9:30	26.1	32.7	5,84				1,45		17	(0)	0

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

4 double A Batteries @ worpulanic Donna - Provided. Did Not work@ 30% (Multimeter)

TURBIDITY VER		148	418	
	Blank (must be <0.10)	Low	Med	High
Standard	0,03	6.00	55.B	5,90
Pre-sampling	0.03	6.02	56.0	59.10
Post-sampling	0.03	5.99	66.1	590

CHAIN OF CUS	STODY INFORMATIO	NC		
	# of samples	Relinquished to	Contact	
Sediment		-	-	
Nutrients	5	NULS	Wetel bown	
Bacteria		-	-	

Signature (Team Lead):	1	Printed Name:	
7/1		1/1/	0
Mobile	711	Mitch	brown
111111111111111111111111111111111111111	1191	hulon	proun
1	THE REAL PROPERTY AND THE PARTY AND THE PART		

Sites with streams/outflows: Kalepolepo North, Kalama Park, Cove Park

Hui O Ka Wai Ola - Sample Collection Datasheet

Samplers H. Hecht  (Last Name, 1st Initial) S. Groves  Howard
aint
Hecht Groves Howard
R. Roiz

KCP181204-N-1 Cov	KKP181204-N-1 Kalar	KKS181204-N-1 Kihe	KWP181204-N-1 Waipu	NKN181204-N-1 Kalepo	Nutrients	Sample ID Locat
Cove Park	Kalama Park	Kihei South	Waipuilani Park	Kalepolepo North		Location Name
7	R	1		9		Sample taken?
0	2 0					Storm sample?
9:30	9:15	45:8	8:36	29.50		Time
125 ml bo	125 ml W	125 ml b	125 ml b	125 ml b		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		Protocol Notes
						Comments

The state of the s						Sediments
	0	0			0	
		0			0	
	500 ml					

Signature Teach Lead! Printed Name: Brown

	Streams	Time			Dissolved	Oxygen		Turbidity	Peopl	le (within 10	00 ft)
Location Name Sample ID	Flowing (Y/N)	(of collection)	Temp (°C)	Salinity (ppt)	(mg/L)	(%)	pH	(NTU)	water	beach	camp
Haycraft Park NHP181206	N/A	8:20	24.6	34.7	6,72	98.1	8,13	20 881841	0	0	0
Kealia Pond NKP181206	P	8:45	24.9	35,5	6.80	101.1	8.20	0.34 0.550.45	-0	2	0
Sugar Beach NSB181206	N/A	9:10	25.0	35.1	6.84	100.8	8.18	1,34 1.49 1.45	0	2.	0
Kihei Canoe Club NKC181206	1/4	9:28	25.5	34.4	6.77	100.3	8.15	738 1.74 1.74	2	16	6
Mai Poina Oe Iau NMP181206	N/B	9:45	25,6	33.4	6.57	97.0	8.14	2.20 7:57 2.60	90	0	0

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

TURBIDITY VER	IFICATION		41.0	ale
	Blank (must be <0.10)	Low GCO	53 May 600	500
Standard	0.03	6.00	56,1	590
Pre-sampling	0.06	6.02	55.9	591
Post-sampling	0.03	6.00	55.9	589

	# of samples	Relinquished to	Contact
Sediment	-	-	-
Nutrients	5	MAS	GEOR BINETE
Bacteria	-		

Signature (Team Lead): Printed Name:

Ly SML 6 Gentl 6. Byn Nett 6

Hui O Ka y 'Ola - Sample Collection Datasheet

North Kihei  Samplers  (Last Name, 12/6/18  Samplers (Last Name, 1st Initial)  Markett,	orth Kihei  Samplers (Last Name, 1st Initial)	Date	Session 2	Team 1
	Couse, B 5-10, E	2/6/18	24	North Kihei
Brukore, B	18,6 Sola 18		(Last Name, 1st Initial)	Samplers
	6.500	11.000	Routed.	CHUSE, B
( AN THASHAME)				

Sample ID	Location Name	Sample taken?	Storm sample?	Time	Volume	Protocol Notes	Comments
Nutrients							
NHP181206-N-1	Haycraft Park	D		£:70	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
NKP181206-N-1	Kealia Pond	P		8.4.8	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
NSB181206-N-1	Sugar Beach	9		9:10	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
NKC181206-N-1	Kihei Canoe Club	R		9:28	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
NMP181206-N-1	Mai Poina Oe Iau	9		9:45	125 ml	Washed, rinsed syringes; acid washed bottles: 0.2 um disposable filters	

Sediments			
	0	0	500 ml
		]	5001
			2001111
	0	0	500 ml
	0	0	500 ml
	0	0	500 ml

Signature (Jeam Lead): Printed Name:

Team Wailea	Samplers	Holly Rindge, Alfred	Wolf Jord Jami	Meters and Pro	bes ID		
Session 24	(Last Name, 1st Initial)	CHRIS LAMB	1 7	HQ40d: 2	1	2100Q: 2	2
Date 12/7/18				pH: 2	DO: 2		Salinity: 2

Location Name	Streams	Time	Temp	C-U-lt	Dissolved	l Oxygen			Turbidity		Peop	le (within 1	00 ft)
Sample ID	Flowing (Y/N)	(of collection)	(°C)	Salinity (ppt)	(mg/L)	(%)	рН		(NTU)		water	beach	camp
Kilohana Dr WKD181207	N	07:50	24.9	35.4	6.80	100,2	8.18	1.08	1.36	1.17	1	7	0
Keawakapu Beach WKB181207	N	08:21	25.3	35.4	6.75	100.1			0.60		1	3	0
Ulua Beach WUL181207	~	8:40	25.6	35.3	6.75	100.7	8.15				6	8	1
Palauea WPL181207	N	9:05	25.8		6.81	101.8		0.71	0.86	0.79	0	8	0
Poolenalena WPO181207	N	9:22	25.9	35.3	6.84	102.3	8.20	0.43	0.43	0.39	4	2	0

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

TURBIDITY VER	UFICATION			
	Blank (must be <0.10)	Low	Med	High
Standard	0.03	6.00	55.6	590
Pre-sampling	0.06	6,01	55.9	591
Post-sampling	0.08	6.04	56.0	590

CHAIN OF CUS	STODY INFORMATION	ON	
	# of samples	Relinquished to	Contact
Sediment	-	-	-
Nutrients	5	NIKE	Whiteh Brown
Bacteria	- 1	-	-

Signature (Team Lead): /	Printed Name:	
Jet It &	IM 1-1	R
Motet Dron	Mitch	Drown

Team	Wailea	Samplers	findge H	Lamb	C	
Session	24	(Last Name, 1st Initial)	Wolfe A			
Date	12/7/18		Jarve J			

Sample ID	Location Name	Sample taken?	Storm sample?	Time	Volume	Protocol Notes	Comments
Vutrients							
WKD181207-N-1	Kilohana Dr	8		7:50	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
WKB181207-N-1	Keawakapu Beach	1		8:21	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
WUL181207-N-1	Ulua Beach	8		8:40	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
WPL181207-N-1	Palauea	B		9:05	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
WPO181207-N-1	Poolenalena	0		9:22	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	

Sediments				
	0		500 ml	
	0	0	500 ml	
			500 ml	
			500 ml	
			500 ml	

Signature (Yeşm Lead):	Printed Name:
Signature of earn Leads:	Motch Brown
1144 111	MICICACOTOWIC