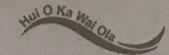
## FIELD EQUIPMENT VERIFICATION (PRE/POST A WEEKLY SAMPLING):



Session No: Verifiers (pre-sampling): Pre Date: Pre Time: Verifiers (post-sampling): Post Date: Post Time: 25 M. Brown 6 BULDETE 12/11/2018 8:30 M. Brown 12/21/18 10:15

	7					41.7000	1 8.34		Mibrown	12/21/18 10:1	2
QA/QC Check	Inst#	Probe	Last Cal Date		P Verifica	RE: tion Value		OST: ation Value	Acceptable Range	Comments/ Notes	QA
Temperature	NIST	n/a	n/a	Std Val	NIST 23-6°C	NIST,	NIST 25.9°C	NIST	± 0.6 °C of NIST	Compare to NIST Std value in tap water	
The state of the s	1	1	n/a		23.8		25.9				
	1	2	n/a	SUITE NAME OF STREET		23.7		All the control of			
Salinity			3 months	Std Val	Tap water	Salin Std Hulldate 32.6 ppt	Tap water	Salin Std Salin Std Salin Std Salin Std Salin Std Salin Std	± 1 ppt	Tap water - compare pre & post values Salinity Std - compare to value on Salinity Std bottle	
	1	1	10/1/18		0.12	33.5	0.17	33.4		and only	
	1	2	10/1/18		0.12	33.4	Name of Street				
Dissolved Oxygen			1 year	Std Val	10	0%	10	0%	± 5 %		
	1	1	10/1/18		100	4	160,	6			
		2	10/1/18		101	.3					
рН			3 weeks	Std Val	pH 7.00	pH 10.00	pH 7.00	pH 10.00	± 0.1 pH of pH std value	Compare to Manufacturer pH Std value on bottle	
	1	1	12/0/18		7.01	10.03	7.03	10.04			
	1	2	12/11/18		7.01	10.03	Processor .	-			
Turbidity			3 months	Std Val	BLANK <0.1	6.28/6.5 LOW 1-10 NTU	BLANK <0.1	LOW 1-10	± 0.18 NTU Low 1-10	Compare to Gel LOW 1-10 Std Calibration value	
	1	n/a	10/1/18		0.03	6.25	0.05	6.80			· · · · · · · · · · · · · · · · · · ·
	2	n/a	10/1/18	1	0.03	6.05	Remains	-			

QA: \* Are pre- and post within one week?

\* Delay times are ok?

\* Other equipment issues?

Flui O Ka Wai Ola - Sample Collection Datasheet

Team	Kamaole	and the latest and th	A	Meters and Pr	obes ID	
Session	25	(Last Name, 1st Initial)	Howard, D Burnette, a	HQ40d: 1	21	100Q: 1
Date	12/18/18		burnene, o	pH: 1	DO: 1	Salinity: 1

Location Name	Streams	Time	Town	Caltula	Dissolved	d Oxygen			Turbidity (NTU)		People (within 100 ft)		
Sample ID	Flowing (Y/N)	(of collection)	Temp (°C)	Salinity (ppt)	(mg/L)	(%)	рН				water	beach	camp
Kalepolepo North NKN181218	N	8:00	24.8	33 - 8	5.74	83.2	8.11	2,13	1.93	1.81	0	2	0
Waipuilani Park KWP181218	N/A	8:14	22.7	31.8	4.45	89.1	8.13		11.6	11.7	0	3	0
Kihei South KKS181218	N/A	8:30	23.6	33-4	4.05	85.9	8.15	5-36	6,22	5.86	0	2	0
Kalama Park KKP181218	N	8-46	23.5	34.0	6.87	97.6	8.15	3.89	4.29	3.79	0	2	0
Cove Park KCP181218	N	9:02	24.9	32. 5	6.25	90.2	8.11	2.15	2.29	2.14	2	0	0

NOTES AND COMMENTS (trends, equipment problems, errors, concerns).  Use the back of the form if needed.	TURBIDITY VER	TURBIDITY VERIFICATION						
Ose the back of the form it needed.		Blank (must be <0.10)	Low	Med	High			
	Standard	6.03	6.28	58.4	601			
	Pre-sampling	0.04	637	646	601			
	Post-sampling	0.03	6.30	58.9	601			

CHAIN OF CUS	STODY INFORMATIO	ON	
	# of samples	Relinquished to	Contact
Sediment	-	-	-
Nutrients	3	rms.	Lools Binter
Bacteria	-	-	-

Signature (Team Lead):	Printed Name:
In 1 1286	GERNIE G. BURNETTE TE

Team	Makena	Samplers	purval, 5	BURNETA, 6	Meters and Pro	bes ID	
Session	25	(Last Name, 1st Initial)		1 ( 1/20,120)	HQ40d: 1	2100	Q: 1
Date	12/19/2018		SHRRICE, M	Sousa, & Cobservay	pH: 1	DO: 1	Salinity: 1

Location Name	Streams	Time	Temp	Salinity (ppt)	Dissolved	Oxygen			Turbidity		Peopl	le (within 1	00 ft)
Sample ID	Flowing (Y/N)	(of collection)	(°C)		(mg/L)	(%)	pН	(NTU)		water	beach	camp	
Makena Landing MML181219	PAN	8:05	24.4	34,5	6.54	94,8	8.10	639	1.73	2.20	Ó	p	p
S Maluaka Beach MMB181219		8:40	24.2	34.9	6.80	98.6	8,14	0.75	0.89	0.95	ø	4	ø
Oneuli MON181219		8:57	24.5	35.2	7.00	102.0	8.15	1.48	1.48	1,35	- 6	ø	6
Ahihi Kinau North MAN181219		9:21	24.5	35.0	7.36	107.6	8,11	1.06	0.99	1.18	2.	6	Ø
Ahihi Kinau South MAS181219		9:45	24.8	35.1	6.95	102.4	8,12	0.86	0.85	0.76	5	7	Ø

NOTES AND COMMENTS (trends, equipment problems, errors, concerns).  Use the back of the form if needed.
MULTS METER WOULDN'T TENDON AT
THE FIRST BEALD. TOOK THE BATTEREES
OUT AND PUTTHE BATTERES BACK IN. IT
WORKED FOR THEN.
2001

TURBIDITY VER	IFICATION			
	Blank (must be <0.10)	Low	Med	High
Standard	0.05	6.28	38.4	601
Pre-sampling	006	6 23	587	601
Post-sampling	0.05	6.35	38.8	601

CHAIN OF CUS	STODY INFORMATIO	ON	
	# of samples	Relinquished to	Contact
Sediment	-	-	-
Nutrients	5	NMS	CEIRCE BUNGER
Bacteria	-	-	-

Signature (Team Lead):	Printed Name:	/
by & Miles	GEORGE G. BUNNETTE	106

Hui O Ka Wai Ola - Sample Collection Datasheet

Team	Makena	Samplers	OUNDE, J.	BUNNETTE, G
Session	25	(Last Name, 1st Initial)		CHA A (ADICAGA)
Date	12/19/2018		SHAMPE, M.	SOUSA, B (OBSCRUGA)

Sample ID	Location Name	Sample taken?	Storm sample?	Time	Volume	Protocol Notes	Comments
Nutrients							
MML181219-N-1	Makena Landing	R		8:05	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
MMB181219-N-1	South Maluaka Beach	d'		8:40	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
MON181219-N-1	Oneuli			8:51	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
MAN181219-N-1	Ahihi-Kinau North			9:21	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
MAS181219-N-1	Ahihi-Kinau South			9:45	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	

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

Signature (Team Lead): P	rinted Name:
Ag 8 Alt & 6	SOURCE & BEAUTIFE TO

Team	North Kihei	Samplers	pr. 6	roun,	Meters and Pro	bes ID		
Session	25	1st Initial)	16.7	hierhola	HQ40d: 1		2100Q:	1
Date	12/20/18		5-5	eplean	pH: 1	DO: 1		Salinity: 1

Location Name	Streams Time		Toma	Salinity	Dissolve	d Oxygen		Turbidity			People (within 100 ft)		
Sample ID	Flowing (Y/N)	(of collection)	101 10)		(mg/L)	(%)	pH		(NTU)		water	beach	camp
Hayeraft Park NHP181220	nla	8:25	23:7	33.9	6.63	94.4	8.10	4.33	4.90	4.55	2	10	Ö
Kealia Pond NKP181220	N	8:55	24.1	35.5	6.86	99.4	8.17	0.71	0.70	0.77	0	0	0
Sugar Beach NSB181220	nla	9:15	24.0	35.0	6.94	100.1	8.15	2.34	2.54	2.61	0	3	0
Kihei Canoe Club NKC181220	nla	4:30	24.4	34.9	6.90	100.0	8.15	1.71	1.71	1.76	0	0	0
Mai Poina Oe Iau NMP181220	nla	9:47	24.7	32.5	6.85	98:7	8.12	1.38	1.69	1.69	0	3	0

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

Turbedymeter 0.10

3rd .35

turbidity val is scratched

TURBIDITY V	ERIFICATION			
	Blank (must be <0.10)	Low	Med	High
Standard	0.03 010 3 W	6.28	58.4	601
Pre-sampling	0.10	6.47	58.4	601
Post-sampling	0.06	6.46	58.7	601

CHAIN OF CUS	STODY INFORMATIO	DN	
	# of samples	Relinquished to	Contact
Sediment			
Nutrients	5	NWS	M Brown
Bacteria			· ·

Signature (Team Lead): Printed Name: Mitch Braun

Team	North Kihei	Samplers	Mi Brawn,
Session	25	(Last Name, 1st Initial)	
Date	12/20/18		K. Thenholm S. Solean

Sample ID	Location Name	Sample	Storm	Time	Volume	Protocol Notes	C
Nutrients		taken?	sample?		Votalite	1 Totocoi Inotes	Comments
NHP181220-N-1	Haycraft Park	0	0	8:25	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
NKP181220-N-1	Kealia Pond	0		8:55	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
NSB181220-N-1	Sugar Beach	8		9:15	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
NKC181220-N-1	Kihei Canoe Club	13		9:30	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
NMP181220-N-1	Mai Poina Oe Iau	3	0	9:47	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	

Sediments				
			500 ml	
			500 ml	
			500 ml	
	0		500 ml	1
		0	500 ml	1

Signature (Team Lead)	Printed Namg:	11	^
Meterskn	_ W/1	the	Brown

Hui O Ka Wai Ola - Sample Collection Datasheet

Team Wailea

Samplers

(Last Name, 1st Initial)

Sersion 25

Date 12/21/18

Samplers

Seraph The Wolfe

Cheix Lamb

Meters and Probes ID

HQ40d: 1

2100Q: 1

pH: 1

DO: 1

Salinity: 1

Sample ID Flo		Time	Temp	Salinity	Dissolved Oxygen				Turbidity		People (within 100 ft)		
	Flowing (Y/N)	0 1 1	(°C)	(ppt)	(mg/L)	(%)	pH		(NTU)		water	beach	camp
Kilohana Dr WKD181221	N	754	24.1	35.2	6.89	99.7	8.15	0.56	0.53	0.61	0	7	8
Keawakapu Beach WKB181221	N	8:17	24.6	35.3	6.74	98.4	8.17	0.27			0	5	0
Ulua Beach WUL181221	IV	8:37	24.3	35.1	6.89	100.1	8,13	-	0.83	0.90	11	8	0
Palauea WPL181221	N	8:58	24.9	35.3	6.79	99.5	-		0.50			4	0
Poolenalena WPO181221	N	9:13	25.1	35.3	6.77	99.7	8.19	0.23		0.44	0	4	2

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

TURBIDITY VER	LIFICATION			
	Blank (must be <0.10)	Low	Med	High
Standard	0.03	6.28	584	601
Pre-sampling	0.04	637	58.1	599
Post-sampling	0.05	6.80	58.7	601

	# of samples	Relinquished to	Contact
Sediment	-	-	,-/
Nutrients	5	Nms	Idelle
Bacteria		-	100000

Signature	(Team	L	ead):
-----------	-------	---	-------

Printed Name:

Sample ID	Location Name	Sample taken?	Storm sample?	Time	Volume	Protocol Notes	Comments
Nutrients							
WKD181221-N-1	Kilohana Dr			7.54	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
WKB181221-N-1 Keawakapu Beach		0		8:17	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
WUL181221-N-1 Ulua Beach		0		8:37	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
WPL181221-N-1	Palauea			8:58	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
WPO181221-N-1	Poolenalena	6	0	9:13	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
Sediments							
					500 ml		
		П			500 ml		
		0			500 ml		
					500 ml		
		0	0		500 ml		

			And the second s
Signature (Tom Jead):	Printed Name:	11	~
W/ // J	16 .11	11	12.
Material	110 111	wer	Drown
"www	be mi	vy v	