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



Post Date: Post Time: Verifiers (post-sampling): Pre Time: Verifiers (pre-sampling): Pre Date: Session No: 9:05 SOFA 9/10/18 Cofia / miren 20

QA/QC Check	Inst#	Probe	Last Cal Date		PR Verificati			ST: ion Value	Acceptable Range	Comments/ Notes	QA:
Temperature	NIST	n/a	n/a	Std Val	DIST 22.4°C	NIST 22.7°C	NIST NIST OKLÓS °C	NIST 10-8 °C	± 0.6 °C of NIST	Compare to NIST Std value in tap water	
	2	1	n/a		22.6		-				
	2	2	n/a			22.9		21.0			
Salinity			3 months	Std Val	Tap water 0.13	Saljn Std 4/9/18 date 33. Oppt	Tap water O.13	Salin Std 4-9-19date 23.0 ppt	± 1 ppx	Tap water - compare pre & post values Salinity Std - compare to value on Salinity Std bottle	
	2	1	6/18/18		0.10	33.3	_	-		used tour water from	
	2	2	6/18/18		0.10	33.4	0.09	336		britta filter (both times)	
Dissolved Oxygen			1 year	Std Val	10	0%	10	00%	± 5 %		
	2	1	9/19/14		97	-1 ·	_				
	2	2	9119117		98	2.1	98.	7			
рН	2		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	
	2	1	8/20/18		7.02	10.04	_	-			18
	2	2	8/20/18		7.03	10.05	7.06	10.09			
Turbidity			3 months	Std Val	BLANK <0.1	LOW 1-10 6.03 NTU	BLANK <0.1	LOW 1-10 G.OS NTU	± 0.18 NTU Low 1-10	Compare to Gel LOW 1-10 Std Calibration value	
	1	n/a	6/19/18		0.04	6.27	-	-			
	2	n/a	6/18/18		0.07	5.77	0.04	5.77			

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

* Other equipment issues?

Team	Kamaole	Samplers	During, Poselkis, Graves, S	Meters and Pr	obes ID	
Session	20	(Last Name, 1st Initial)	Brown, IV	HQ40d: 2		2100Q: 2
Date	09/11/2018	231 23111111)		pH: 2	DO: 2	Salinity: 2

		_		Dissolved	Oxygen			T-11111		Wayne	Wind	People	e (within	100 ft)		Nutrient
Location Name Sample ID	Time	(°C)	Salinity (ppt)	(mg/L)	(%)	pH		Turbidity (NTU)		(0-3)	(0-6)	water	beach	camp	TSS	duplicate
Kalepolepo North NKN180911	8:00	26.8	32.9	6.35	95.7	8.14	4,13	5.68	4.37	1	1	0	0	2	0	
Waipuilani Park KWP180911	817	26-5	32.9	6.33	95.0	8.12	19.1	19.9	201	1	1-2	2	7	0	0	0
Kihei South KKS180911	831	27.2		6.04	92.1	8.14	4.88	5.43	5.65	1	1	2	4	0	0	
Kalama Park KKP180911	8:52	27.0	33.8	6.36	96.9	8.15	5.71	5.05	5.84	1	2	0	2	0		0
Cove Park KCP180911	9:11	27.2	31.6	6.52	00 11	8.14	3.34	3.80	4.87	1	1	11	0	0		0

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: 10:41 am High: 5:13 am (F)
Moon day (from new)	3
Cloud cover (0-8)	1
Rain conditions last 24 hrs (0-4)	1
Wind direction (Trades/Kona)	7.
Streams flowing? (Y/N)	N

NOTES AND COMMENTS (trends, equip	A fa	rs, concerns).
threst of tropical str more breezy at KWP. KKP- Stream has bee	ergosty a	KKS KKS

TURBIDITY VE	RIFICATION			
	Blank (must be <0.10)	Low	Med	High
Standard	0.07	6.03	54.9	581
Pre-sampling	0.04	53	53.9	367
Post-sampling	0.03	5.75	53.5	575

CHAIN OF CU	STODY INFORMATI	ION	
	# of samples	Relinquished to	Contact
Sediment		-	
Nutrients	650	MAS	CEONER BEREL
Bacteria			

a flerit find for the	
Signature (Team Lead): Printed Name: Sy SMA GEORGE G. BURNETE B	

Hui O Ka Wai Ola - Sample Collection Datasheet

Team	Kamaole	Samplers	QUENN, A	PASEUR, S	
Session	20	(Last Name, 1st Initial)			
Date	09/11/2018		GRAVES, S	Moun, m	

Sample ID	Location Name	Sample taken?	Storm sample?	Time	Volume	Protocol Notes	Comments
Nutrients							
NKN180911-N-1	Kalepolepo North	0	0	8:00	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
KWP180911-N-1	Waipuilani Park	10/	0	8:17	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
KKS180911-N-1	Kihei South	D/		8:37	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
KKP180911-N-1	Kalama Park	1	0	8:52	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
KCP180911-N-1	Cove Park	B		8:11	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
Sediments							
			0		500 ml		
			0		500 ml		
			0		500 ml		
		0			500 ml		
			0		500 ml		

Signature (Team Lead):	Printed Name:
Signature (Team Lead):	GEARCE 6. ANNIETE 16

Team	North Kihei	Samplers	BUNDER G. STOCKLEROW, J	Meters and	Probes ID	
Session	20	(Last Name, 1st Initial)	1. V. A Ladrenson	HQ40d: 2		2100Q: 2
Date	09/13/2018		SOUSA, R - OBSERVER	pH: 2	DO: 2	Salinity: 2

		Tomas	Callalte	Dissolved	Oxygen			Turbidity		Waves	Wind	People (within 100 ft)				Nutrient
Location Name Sample ID	Time	Temp (°C)	Salinity (ppt)	(mg/L)	(%)	pН		(NTU)		(0-3)	(0-6)	water	beach	camp	TSS	duplicate
Haycraft Park NHP180913	558	26.8	34.8	6.44	98.0	8.17	349	8.88	8.69	1	2	0	6	O		0
Kealia Pond NKP180913	8:20	37.0	35.4	6.44	18.5	8,90	1.33	1.39	1.67	1	4	0	1	0		
Sugar Beach NSB180913	9:20	28.0	35.3	6.44	100.4	8.19	327	2.03	2.49	1	0	6	3	Ó		
Kihei Canoe Club NKC180913	950	281	34.9	6.41	99.9	8.18	2.17	2.36	5.93	1	1	0	0	0		
Mai Poina Oe Iau NMP180913	10:11	27.7	34.1	6.46	99.7	8.17	3.05	3.01	3.12	1	2	5	0	6		

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: 12:06 pm (falling) High: 6:45 am	
Moon day (from new)	4	
Cloud cover (0-8)	4	
Rain conditions last 24 hrs (0-4)	. 3	
Wind direction (Trades/Kona)	INADES	
Streams flowing? (Y/N)	NA	Sins.

NO'I Use	TES AND COMMENTS (trends, equipment problems, errors, concerns). the back of the form if needed.
	PRE-SAMMAG BLANK MEAD SEVERAL TENES
	BOTTLE AND RESAMPLED WITH A NEW BUTTLE

TURBIDITY VE	RIFICATION			
	Blank (must be <0.10)	Low	Med	High
Standard	0.03	6.93	54.9	581
Pre-sampling	6.10	5.71	57.6	574
Post-sampling	0,07	5.75	53.8	577

CHAIN OF CUSTODY INFORMATION									
	# of samples	Relinquished to	Contact						
Sediment									
Nutrients	5	NMS	CGOGG RINGER						
Bacteria	-	-							

Signature (Team Lead):	GENGE G. BANGETTE &
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Hui O Ka Wai Ola - Sample Collection Datasheet

Team	North Kihei	Samplers	BUNDETTA, G. STRECKLAND, J
Session	20	(Last Name,	SUSA, A - OBSCHUEN
Date	09/13/2018		30034, 12 000000

Sample ID	Location Name	Sample taken?	Storm sample?	Time	Volume	Protocol Notes	Comments
iutrients							
NHP180913-N-1	Haycraft Park		0	8:26	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
NKP180913-N-1	Kealia Pond	B	0	8:50	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
NSB180913-N-1	Sugar Beach	₪/		9:20	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
NKC180913-N-1	Kihei Canoe Club	Ø		9:50	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
NMP180913-N-1	Mai Poina Oe Iau	0		10:11	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
Sediments							
		0	0		500 ml		
		0			500 ml		
		0	0		500 ml		
		0			500 ml		
					500 ml		

Signature (Team Lead):	Printed Name:
Su & MAGE GON	& 6. BINNETT B

Team	Wailea	Samplers Rindge, H Jarvie, J.	Meters and Probes ID	
Session	20	(Last Name, D'Alerta, S.	HQ40d: 2 21	00Q: 2
Date	09/14/18		pH: 2 DO: 2	Salinity: 2

				Dissolved	Oxygen			or		Wasses	Wind	People (within 100 ft)		100 ft)		Nutrient
Location Name Sample ID	Time	Temp (°C)	Salinity (ppt)	(mg/L)	(%)	pН		Turbidity (NTU)		(0-3)	(0-6)	water	beach	camp	TSS	duplicate
Kilohana Dr WKD180914	7:52	27.2	35.6	6.41	98.8	8.2	0.72	0.77	0.75	0	0	/	8	0	0	0
Keawakapu Beach WKB180914	8:18	27.6	352	6.48	99.9	8.15	0.65	0.80	6.83	1	0	3	11	0	0	0
Ulua Beach WUL180914	8:37	21.5	35.3	6.47	99.8	8.18	0.68	1.10	0.78	1	0	14	14	0		0
Palauea WPL180914	8:54	27.4	35.4	6.46	99.9	8,18	0.79	0,85	0.90	, /	0	0	7	08		0
Poolenalena WPO180914	9:25	28.2	35.5	6.47	1.01.1	8.21	0.30	0.32	0,48	(0	0	Z			

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: 12:58 pm High: 7:39 am (F)	
Moon day (from new)	5	
Cloud cover (0-8)	0	
Rain conditions last 24 hrs (0-4)	0	
Wind direction (Trades/Kona)	0	
Streams flowing? (Y/N)	N	

	Blank (must be <0.10)	Low	Med	High
Standard	2	6.03	54.9	581
Pre-sampling	.04	5.76	53.9	573
Post-sampling	0.04	5.77	53.8	572

TURBIDITY VERIFICATION

LIVID	+ WUL- wed	Como Curina
NHB	+ WUL WITH	201100 3 01 11

CHAIN OF CUSTODY INFORMATION					
	# of samples	Relinquished to	Contact		
Sediment					
Nutrients	5	NMS	Sotia		
Bacteria					

Signature (Team Lead):	Printed No	ame:		
FdUm6+	2400	di	6	5012

vatch volunteers

Hui O Ka Wai Ola - Sample Collection Datasheet

Team	Wailea	Samplers	Rindget	Jarners	
Session	20	(Last Name, 1st Initial)	D'Alerta, 8	WOLF, A	
Date	09/14/2018			7,1,1	

Sample ID	Location Name	Sample taken?	Storm sample?	Time	Volume	Protocol Notes	Comments
utrlents							
WKD180914-N-1	Kilohana Dr	ø	0	7:62	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
WKB180914-N-1	Keawakapu Beach	10	0	Q:18	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
WUL180914-N-1	Ulua Beach	M	0	8:37	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
WPL180914-N-1	Palauea	B		9:58	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
WPO180914-N-1	Poolenalena	d	0	9:25	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
Sediments							
		0	0		500 ml		
		0			500 ml		
		0			500 ml		
		0			500 ml		
		0			500 ml		

Signature (Team Lead):	Printed Name:				
Jallafte	sofa de la sota.				