



F = - 32	W7 '6" (Pre Date:	Pre Time:	Verifiers (post-sampling):	Post Date:	Post Time:
Session No:	Verifiers (pre-sampling):		10:00 cm	T. Stark N. Samson	8:30 am	6/4/21
64	T. Stark, N. Jampson	05/34/21	10:00 MM	1.31240 10:32011		141

QA/QC Check	Inst#	Probe #	Last Cal Date		PR Verificat	E: ion Value	PO Verificati	ST: ion Value	Acceptable Range	Comments/ Notes	QA?
Cemperature	NIST 10 16 22	n/a	n/a	Std Val	NIST 21.2 _{°C}	NIST 21.2 _C	NIST → °C	NIST 15.\ _{°C}	± 0.6 °C of NIST	Compare to NIST Std value in tap water	
E. F.	2	1	n/a		27.5						
	2	2	n/a			21.5		25.3			
Salinity			3 months	Std Val	Tap water 0.32	Salin Std S 10 22 date 35.0 ppt	Tap water 0.32	Salin Std 5/19/2 date 35.0 ppt	± 1 ppt	Tap water - compare pre & post values Salinity Std - compare to value on Salinity Std bottle	
	2	1	5 31 21		0.35	35.1	i ——				
	2	2	5 31 21			35,0	0.35	34.8			
Dissolved Oxygen			1 year	Std Val	10	0%	10	0%	± 5 %		
	2	1	11/2/20		99.	6					
	2	2	11/2/20		98.	9	99.	.9			
pН			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	3	3/31/21		7.01	9.97		-			
	2	4	3/31/21		7.01	9.98	7.02	9.99			
Turbidity			3 months	Std Val	<u>BLANK</u> <0.1	LOW 1-10 NTU	BLANK <0.1	LOW 1-10 NTU	± 0.18 NTU Low 1-10	Compare to Gel LOW 1-10 Std Calibration value STD: 6.66 STD: 6.48 Twick of the Caffon I day late by used	ol.
	1	n/a	6/8/21		0.13	6.70				STD: 6.66	W
	2	n/a			0.05		NA	NA		CT. 6 48 Tupier N	West Control

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

* Delay times are ok? * Other equinment issues?

equipment to train Nalei.

Team	Kamaole	Samplers	Rick Cyr	Meters and Probes ID	
Session	64	(Last Name, 1st Initial)	Scott Graves	HQ40d: 2	2100Q: 2
Date	6/1/21		Havry Hecht	pH: 4 DO: 2	Salinity: 2

	Streams	Time		Salinity	Dissolved	Oxygen	pН		Tumbidite		Entero	People	e (within	100 ft
Location Name Sample ID	Flowing (Y/N)	(of collection)	Temp (°C) variable	(ppt) 30-35 normal	(mg/L)	(%) 85-105 normal	8-8.3 normal		Turbidity (NTU)		CFU	water	beach	can
Kalepolepo North NKN210601	N	8:01	26.2	33.4	5.99	89.1	8,09	3.74	3.54	4.10	NA	O	4	O
Waipuilani Park KWP210601	N	68:21	27.0	33.2	5.41	81.5		6.64		6.69	NA	0	0	0
Kihei South KKS210601	N	08:34	27.5	32.2	5.97	90.1	8.08	3.57	4.07	3.69	NA	0	0	0
Kalama Park KKP210601	N	0902	26.8	34.8	6.62	100.4	8.16	3.46	4.25			2	5	a
								4.						

NOTES AND COMMENTS (trends, equipment problems, errors, concerns).	TURBIDITY VER	IFICATION			
Use the back of the form if needed.		Blank (must be <0.10)	Low	Med	High
KKP: 4th Reading 3.46	Standard	0.05	6.48	55.6	574
	Pre-sampling	0.16	6.54	55.8	575
	Post-sampling	0.08	210	56.1	574
(MIV)	CHAIN OF CUSTO	DDY INFORMAT	ION		
161, one 2nd (Mich verified		# of samples	Relinqui	shed to	Contact
www food and 1	Sediment	-	-	,	
Had 6.51 deard 11ed 31	Nutrients	4	dh	5 1/1	11 Bran
ites with potential for freshwater flow: All					
tes with potential for freshwater flow: All					

Team	Kamaole	Samplers	CurR	Hecht H.
Session	64	(Last Name, 1st Initial)	Car M	()
Date	6/1/21		graves S.	

Sample ID	Location Name	Sample taken?	Duplicate sample?	Time	Volume	Protocol Notes	Comments
utrients							
NKN210601-N-1	Kalepolepo North	1			125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
KWP210601-N-1	Waipuilani Park	9			125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
KKS210601-N-1	Kihei South				125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
KKP210601-N-1	Kalama Park	1			125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
),

Signature (Team Lead):

Printed Name:

Much Evores

Team	Wailea-Makena	Samplers	B. Sousa, J. Dunning, M. Sharpe	Meters and	Probes ID		
Session	64	(Last Name, 1st Initial)		HQ40d: 2		2100Q): 2
Date	06/02/21			pH: 4	DO:	2	Salinity: 2

				Salinity	Dissolved	Oxygen					Entero	Peopl	le (within	100 ft)
Location Name Sample ID	Freshwater Flowing (Y/N)	Time (of collection)	Temp (°C) variable	(ppt) 30-35 normal	(mg/L)	(%) 85-105 normal	pH 8-8.3 normal		Turbidity (NTU)		CFU	water	beach	camp
Cove Park KCP210602	Ν	8:36	27.2	32.4	6,55	98.6	8.04	2,29	2.18	2.64	_	3	3	N
S Maluaka Beach MMB210602	N	9:22	26.4	35.6	6.53	98.5	8.14	0.92	0.93	0.89	_	11	16	N
Ahihi Kinau North MAN210602	N	9:47	26.2	35.6	7.09	106.7	8.12	0.80	1.04	1.02	_	-	5	N
Ahihi Kinau South MAS210602	N	10:06	26.5	35.3	6.62	100.2	8,08	0.90	6.84	0.68 0.68 4	_	7	16	N

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

Pog in water @ Cove Park
Restested blank × 2; 0.22, 0.24
2 men and two dogs live at Gove Park
at the South enel
second salinity tested at MAS2-35.2

Sites with potential for freshwater flow: Cove Park

TURBIDITY VER	IFICATION			
	Blank (must be <0.10)	Low	Med	High
Standard	0.08	6.48	55.6	574
Pre-sampling	0.20	4.52	56.0	575
Post-sampling	0.06	6.49	55.9	574

CHAIN OF CUS	STODY INFORMATION	ON	
	# of samples	Relinquished to	Contact
Sediment	-	1-	
Nutrients	4	DHS	T. Stark
Bacteria	-	-	-

Signature (Team Lead): **Printed Name:** Tlarg Stark

Team	Wailea-Makena	Samplers	B. Sousa		
Session	64	(Last Name, 1st Initial)	J. Dunning	M. Sharpe	
Date	06/02/21		J. Dulling		

Sample ID	Location Name	Sample taken?	Duplicate sample?	Time	Volume	Protocol Notes	Comments
utrients							
KCP210602-N-1	Cove Park	O/	0	8:36	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
MMB210602-N-1	S Maluaka Beach	D/		9:22	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
MAN210602-N-1	Ahihi Kinau North	03/		9:47	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
MAS210602-N-1	Ahihi Kinau South	ø		10:06	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
ediments							
					500 ml		
		П			500 1		

Sediments	Sediments										
				500 ml							
				500 ml							
				500 ml							
				500 ml							

Signature (Team Lead):	Printed Name:	
frank	Tiara Stark	

Team	North Kihei	Samplers	Bundens 6	Fla Balac	Meters and	Probes ID	
Session	64	(Last Name, 1st Initial)	INOLY A	Mo bahr	HQ40d: 2		2100Q: 2
Date	06/03/21		0024, 7	*	pH: 4	DO: 2	Salinity: 2

				Salinity	Dissolved	Oxygen					Ent	ero	Peopl	e (within	100 ft)
Location Name Sample ID	Freshwater Flowing (Y/N)	Time (of collection)	Temp (°C) variable	(ppt) 30-35 normal	(mg/L)	(%) 85-105 normal	pH 8-8.3 normal		Furbidity (NTU)		CF	U	water	beach	camp
Maalaea Harbor NMH210603	N	0745	25.2	34.7	6.25	92.4	8.14	3.09	3.67	3.74			0	0	0
Maalaea Condos NMC210603	N	0865	25.1	33.8	7.29	107.1	8.13	1.81	1.31	1.85			Ö	6	0
Haycraft Park NHP210603		0820	25.6	35.5	6.66	<i>19.6</i>	8.16	*	*	*			2	5	1
Kealia Pond NKP210603	~	0845	25.6	35.6	6.65	99.4	8-16	*	X	*			0	5	0
Kihei Canoe Club NKC210603	N	0905	26.4	34.9	6.56	98.7	8.12	*	K	*			2	5	0

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

AT NUP TURBSDET; METER TURNED OF AND THAT PROJECT METER TURNED OF AND THAT PROJECT METER TURNED OF AND THAT PROJECT CASE AND JOSTLES THE BATTERSES, METERS AND REPLACED THEN METER WOULD NOT TURN JAKENSES AND REPLACED THEM. METER WOULD NOT TURN JAKEN WOULD NOT JURNED STELL NOT TURN ON. NOTECES CONNOSSING ON A COUPLE OF THE MATTERY CONTACT POENTS.

Sites with potential for freshwater flow: Maalaea Harbor, Maalaea Condos. Kealia Pond. Kihei Canoe Club

TURBIDITY VER	RIFICATION		-	
	Blank (must be <0.10)	Low	Med	High
Standard	0.06	6.48	55.6	574
Pre-sampling	0.05	6.46	53.8	575
Post-sampling	X			

CHAIN OF CUS	STODY INFORMATION	ON	
	# of samples	Relinquished to	Contact
Sediment	-		-
Nutrients	5	DHS -	T. Stark
Bacteria	-		=

Printed Name:
Tiara Starle

As Turbiditymeter not turning on. Will call Hach asap. Life expectancy S-10 yrs. - Tima

Team	North Kihei	Samplers	Burnette, G.		
Session	64	(Last Name, 1st Initial)		Bahrif.	
Date	06/03/21		Wolf, A.		

Sample ID	Location Name	Sample taken?	Duplicate sample?	Time	Volume	Protocol Notes	Comments
trients							
NMH210603-N-1	Maalaea Harbor	4		7:45	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	V
NMC210603-N-1	Maalaea Condos	o/		8:05	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
NHP210603-N-1	Haycraft Park	0		8:20	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
NKP210603-N-1	Kealia Pond	D/		8:45	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
NKC210603-N-1	Kihei Canoe Club	₽/		9:05	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
			A0.37			bottles; 0.2 um disposable filters	
diments							
		П	П		500 ml		

Sediments			
		500 ml	

Signature (Team Lead):	Printed Name:	*******
be all	Tiava Starle	