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



Hull Ola Wai Ola

QA/QC Check	Inst#	Probe #	Last Cal Date		PR Verificati		POS Verificati	ST: on Value	Acceptable Range	Comments/ Notes	QA?
Гетрегаture	NIST	n/a	NIST Exp. Date	Std Val	NIST W 26:53	<u>NIST</u> 25 °C	<u>NIST</u> 29.4 ℃	NIST - °C	± 0.6 °C of NIST	Compare to NIST Std value in tap water	
		2	10/16/22		26.4		30.3				
		3				25		_			
Salinity			3 months	Std Val	Tap water	Salin Std 1124 date 33.9 ppt	<u>Tap water</u> 0.13	Salin Std 1124 date 33.9 ppt	± 1 ppt	Tap water - compare pre & post values Salinity Std - compare to value on Salinity Std bottle	
	2	3	alvulas				_				
	2	2	2/14/22		0.19	34.0 33.5	33.7	33.7			
Dissolved Oxygen			1 year	Std Val	10	0%	HELLING WITH	0%	± 5 %		
	2	١	12/14/21		98.4	+7 ym	-	_	95		
	2	2	12/16/21	SECURIOR SEC	98.		97.	O			
pН		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	5	3 28 22		7,03	10.01				pH 10.01 exp: 03/22 pH 7.00 cxp: 03/23 pH 4.01 exp: 12/23	
	2	4	3 28 22	年は日本門の日本	7.03	10.03	7.02	10.00		pt 4.01 exp: 12/23	
Turbidity			3 months	Std Val	BLANK	LOW 1-10	< 0.1	LOW 1-10	Low 1-10	Compare to Gel LOW 1-10 Std Calibration value	
	,	,	1 24120	######################################	0.07	6.59	-	NIC		LOW STD: 6.57 MM	
9	2	n/a n/a	1/24/22	100 No. 200 No.	0.04	6.35	.08	6.36)	LOW STD: 6. 32 NTU	

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

* Delay times are ok?

* Other equipment issues?

Lab: NMS

Team Kamaole

Session 78

Date 03/29/2022

Samplers
(Last Name, 1st Initial)

S.Graves H. Herld

U.Mayun

 Meters and Probes ID

 HQ40d:
 2
 2100Q:
 2

 pH:
 4
 DO:
 2
 Salinity:
 2

				Salinity	Dissolved	Oxygen				People	e (within 1	00 ft)	
Location Name Sample ID	me Freshwater Time Temp (ppt) (%) 8-8.3		Turbidity (NTU)		water	beach	camp						
Kalepolepo North NKN220329	N	0757	24.8	34.1	6.36	92.6	8.16	2.41	2.36	2.13	6	6	0
Waipuilani Park KWP220329	N	0815	24.5	32.4	6.11	87.7	8.10	9.06	8.39	9.19	1	6	0
Kihei South KKS220329	N	0832	25.6	33.9	5.73	84.6	8.13	6.09	5.62	7.41	0	0	6
Kalama Park KKP220329	N	5450	25.3	34.6	6.45	95.2	8.14	6.31	7.86	7.03	0	7	0

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

Calm waters, no wind/very light wind, Canoers Paddling in.

MWP- Very light wind, calm waters
MV171 m ctor is a cting up o

It was to be restarted often.

TURBIDITY VER	RIFICATION			
	Blank (must be <0.10)	Low (+/- 0.18)	Med (+/- 1.80)	High (+/- 18)
Standard	0.06	6.32	54.6	607
Pre-sampling	0.07	6.35	54.2	607
Post-sampling	0.07	6.35	54.7	606

CHAIN OF CUSTODY INFORMATION								
	# of samples	Relinquished to	Contact					
Sediment	-	-	-					
Nutrients	4	NMS	T. Stark					
Bacteria	-	-	-					

Signature (Team Lead):

Printed Name:

Magar

Ylenia MSt-Lovis

Team	Kamaole	Samplers	S. Graves	
Session	78	(Last Name, 1st Initial)	H. Hecht	
Date	03/29/2022		Y. St-Louis	

Sample ID	Location Name	Sample taken?	Duplicate sample?	Time	Volume	Protocol Notes	Comments
Nutrients							
NKN220329-N-1	Kalepolepo North	Ø		0757	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
KWP220329-N-1	Washed, rinsed syringes; acid was		Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters				
KKS220329-N-1 Kihei South		Ø		0832	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
KKP220329-N-1	Kalama Park	B		6850	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
Sediments							
					500 ml		
					500 ml		
					500 ml		
					500 ml		

Signature (Team Lead):	Printed Name:
ymaga	Ylenia M St-Louis

Team	Wailea-Makena	Samplers	B: Sousa, J. Durning, M. Sharpe	Meters and Pro	bes ID	
Session	78	(Last Name, 1st Initial)		HQ40d: 2	2100Q	2
Date	03/30/2022	1st Initial)		рН: Ч	DO: 2	Salinity: Z

				Salinity	Dissolved	Oxygen		Turbidity (NTU)		People	(within 1	00 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			water	beach	camp	
Cove Park KCP220330	N	8:20	25.1	33.1	6.45	94.1	8.12	2.06	2.23	2.44	l	1	2
S Maluaka Beach MMB220330	N	9:02	24.9	35.0	6.62	97.3	8.14	1.03	0.76	1.10	5	43	Ø
Ahihi Kinau North MAN220330	N	9:25	24.8	35.1	6,73	98.6	8.07	0.92	0.92	0.95	5	5	Ø
Ahihi Kinau South MAS220330	N	9:43	24.8	33.8	6.43	93.6	8.00	0.73	0.69	0.82	15	10	Ø

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

cove park - 2 dogs on beach

TURBIDITY VER	IFICATION			
	Blank (must be <0.10)	Low (+/- 0.18)	Med (+/- 1.80)	High (+/- 18)
Standard	0.06	6.32	54.6	607
Pre-sampling 5	NO. 140.09	6.35	54.9	607
Post-sampling	0.00	6.29	54.6	606

CHAIN OF CUSTODY INFORMATION							
	# of samples	Relinquished to	Contact				
Sediment	-	-	-				
Nutrients	4	NMS	T. Stark				
Bacteria	-	-	-				

Sites with potential for freshwater flow: Cove Park

ymapel

Signature (Team Lead):

Printed Name: Ylenia St-Covis

Team	Wailea-Makena	Samplers	B. Sousa, J. Duming
Session	78	(Last Name, 1st Initial)	m. sharpe
Date	03/30/2022		

Sample ID	Location Name	Sample taken?	Duplicate sample?	Time	Volume	Protocol Notes	Comments
Nutrients							
KCP220330-N-1	Cove Park	Ø		820	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
MMB220330-N-1	S Maluaka Beach	Ø		0902	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	v
MAN220330-N-1	Ahihi Kinau North	₽		0925	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
MAS220330-N-1	Ahihi Kinau South	Ø		0943	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
Sediments							
					500 ml		
					500 ml		
					500 ml		
					500 ml		

Signature (Team Lead):	Printed Name:
ymayen	Ylenia St-Louis
0	

Team North Kihei Samplers
(Last Name, 1st Initial)

Date 03/31/2022

wolf, A, Bohr F

 Meters and Probes ID

 HQ40d:
 2
 2100Q:
 Z

 pH:
 4
 DO:
 2
 Salinity:
 Z

				Salinity	Dissolved	l Oxygen				5	People	(within 1	00 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)		water	beach	camp
Maalaea Harbor NMH220331	N	7:48	24.2	35.1	6.23	90.6	8.15	1.46	1-39	1.52	0	0	0
Maalaea Condos NMC220331	N	8:15	24.3	33.3	7,27	104.8	8,12	5.05	6.48	5.95	2	0	
Haycraft Park NHP220331	N	8:25	24.6	34.5	6.73	98.0	8.117	5.29	6.06	5.67	0	3	8
Kealia Pond NKP220331	N,	8:45	24.6	35.4	6.69	98.3	8,18	1.16	与包	1.00	0	1	0
Kihei Canoe Club NKC220331	\wedge	9:10	25.7	34.5	6.50	96.4	8.13	5.50	6,95	7.58	0	3	0

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

Magnic Sign Blew off could not find its

	Blank (must be <0.10)	Low (+/- 0.18)	Med (+/- 1.80)	High (+/- 18)
Standard	6.06	6.32	54.6	607
Pre-sampling	0.42	6.35	54.3	607
Post-sampling	0.08	6.36	54.9	607

	n e 1	D. I' '-1 - 1 40	Contact
	# of samples	Relinquished to	Contact
Sediment	-	-	-
Nutrients	5	NMS	T. Stark
Bacteria	-	-	-

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

Signature (Team Lead):

Printed Name:

Tiana Stark

* Will speak to voluntacks about Brank turbaity. Will plan to accompany them next Last updated July 20

Team	North Kihei	Samplers	Wolf, A.	
Session	78	(Last Name, 1st Initial)	A last	
Date	03/31/2022	ist initial)	Bahr, F.	

Sample ID	Location Name	Sample taken?	Duplicate sample?	Time	Volume	Protocol Notes	Comments
Nutrients							
NMH220331-N-1	Maalaea Harbor			7:48	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
NMC220331-N-1	Maalaea Condos			8:15	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
NHP220331-N-1	Haycraft Park			8:25	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
NKP220331-N-1	Kealia Pond		700	8:45	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
NKC220331-N-1	Kihei Canoe Club	A		9:10	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
2 ! *							
Sediments						每天在天皇后是是这种 的 是不是一个主要的基本是一定	
					500 ml		
					500 ml		
					500 ml		
	-			-	500 ml		

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