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



Session No: WM 127 LN 4, LFR	1	Verific N. Sho	ers (pre-samp	oling): Yanv		re Date:	Pre Time	AM LIL	erifiers (post-sam	Sharpe	Post Date: 9/14/2023	Post T	00_
QA/QC Check	Inst #	Probe #	Last Cal Date		PR Verificati			ST: ion Value	Acceptable Range		9 12 2023	101	QA?
Temperatur e	NIST	n/a	NIST Exp. Date	Std Val	NIST 28.3 _{°C}	NIST 27.6°C	NIST 31.4°C	NIST 29.2°C	± 0.6 °C of NIST	Compare to N	NIST Std value in tap	vater	
	2	7	6/28/24		28.3		31.4						
	2	8	6/28/24			27.6		29.2					
Salinity			3 months	Std Val	Tap water	Salin Std 8/17/23date 33.7 ppt	Tap water O. 13	Salin Std 9] 11/23ate 34.0ppt	± 1 ppt	Tap water - compare pre & post values Salinity Std - compare to value on Salinity Std bottle		ues	
	3	7	8/07/23	3	0.18	33.4	0.18	34.0					
	4	8	8/07/23		0.18	34.2	0.18	33.3					
Dissolved Oxygen	3/4		1 year	Std Val	10	0%	100%		± 5 %	,,	.,		
	3	3	7/17/23		98.	2	99	.6	verified 3		17.79		
	4	4	7/17/23		101.	3	- 10	2.1	verified 2×	(102.37.)			
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 M	lanufacturer pH Std va bottle	due on	
	3	5	8/07/23		7.00	10.01	7.00	10.01	PH 7 + 10	solutio	ins Exp	5/20	24
	4	6	8/07/23	9/11/2	7.00	[0.01	7.00	10.01					
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		to Gel LOW 1-10 dibration value		
	5	n/a	7/20/23		0.05	6.41	0.06	6.59	spare 0.06	Low: 6	.54		
	2		7/20/22		0.05	4.38	0.04	6.37	space 0.06	spare	.54 0.06 Low	: 6.	31

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

* Delay times are ok?

* Other equipment issues?

NMS-lab

That O has Whit Olds Succede Collection Danishee

Team	Lahaina Town Fire Response	Samplers	Yannell, L	Me	eters and Prol	bes ID	
Session	3	(Last Name, 1st Initial)	Kinmell, J	HC	Q2200: SM 4	2100	Q: SM 2
Date	09/14/2023	1	Callendar, T	рН	H: SM 6	DO: SM 4	Salinity: SM 8

	F			Calinita	Dissolved	Oxygen					Peopl	e (within	100 ft)
Location Name Sample ID	Fresh water Flowing (Y/N)	Time (of collection)	Temp (°C) variable	Salinity (ppt) 30-35 normal	(mg/L) 5.2-7.0 normal	(%) 85-105 normal	pH 8-8.3 normal		Turbidity (NTU)		water	beach	camp
Mala Tavern LMT230914	XY	7:33	26.2	34.6	6.73	100.3	7.97	1.29	1.22	1.54	Ø	\Diamond	0
Mala Ramp LMR230914	14	7:57	26.9	34.3	6.35	95.5	80.8	3.07	3,35	3.90	0	0	0
Papalaua St LPS230914	N	8:19	27.0	34.6	6.62	100.2	8.09	3.61	3.58	4.07	0	0	0
Lahaina Harbor LLH230914	N	8:45	27.9	35.1	6.17	95.2	8.10	0.52	0.66	0.76	\bigcirc	5	Ø
505 Front St PFF230914	N	9:10	27.6	35.0	6.90	105.8	8.02	0.96	1.05	1.19	6	0	0
Lindsey Hale PLH230914	N	9:35	28.1	34.7	6.69	103.6	8.05	2.33	2.24	2.11	0	0	6
Lahaina Town PLT230914	N	9:50	28.5	34.5	6.47	100.4	8.05	3.76	4.22	4.06	0	0	0

Use	the back of the form if needed.
SF	rinkles of rain along will yesterday
L	rinkles of rain along WM yesterday
11	MR-stream flowing; Boom replaced
-	unny, hot, light breeze just starting
Lr	IT-trickle of water inflow from Storm drain
LL	H- us coast Guard surveying for debris removal,
0	In slight oil sheen of harbor water
<	urface
01-	-monk seal! Less visible turbidity, not
IL	- monk Seal! Less Visible thibidily, Not

	Blank (must be <0.10)	Low (+/- 0.18)	Med (+/- 1.80)	High (+/- 18)
Turbidity Standard	0.05	6.31	56.8	601
Field – Pre-Sample	0.06	6.37	56.1	602
Lab – Post Sample	40.04	6.37	56.4	601
Probes (+/- 0.2 °C)	D.O 1	Salinity	pН	Notes
Verify Probe Temps	25,9	26.2	26.1	
CHAIN OF CUSTODY	# of Samples	Relinquish to		ntact
Nutrients	7	NMS	1. Va	nnell

Last updated April 2023

Team	Lahaina Town Fire Response	Samplers (Last	Yannell, L.
Session	3	Name, 1st Initial)	Wimmell J.
Date	09/14/2023		Callender. T.

Sample ID	Location Name	Sample taken?	Duplicate sample?	Time	Volume	Protocol Notes	Comments
Nutrients							
LMT230914-N-1	Mala Tavern			7:33	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
LMR230914-N-1	Mala Ramp	4		7:57	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
LPS230914-N-1	Papalaua St.			8:19	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
LLH230914-N-1	Lahaina Harbor	ď		8:45	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
PFF230914-N-1	505 Front St	10/		9:10	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
PLH230914-N-1	Lindsey Hale	ď		9:35	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	
PLT230914-N-1	Lahaina Town	B		9:50	125 ml	Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	

Sediments			
		500 ml	
		500 ml	
		500 ml	

Signature: Uz Yannell