R2R TEAM

Samplers: Dana, Ty Sampler contact: Ty **2100Q:** 2 **HQ40D:** 2

Date and Time: 1/03/2017

IN-SITU READINGS:

Location Name	Time	Temp (C)	Sal (ppt)	DO (mg/L)	DO Saturation (%)	pH	Turbidity[1] (NTU)			Comments (Rain, swimmers, wind)
Pohaku RPO RPO170103	8:45	24.1 ✓ 24.2	34.7	6.45	93.3	8.16	~~6.45~~ 4.99	5.05	5.42 ← 4.57	No swimmers, clear, no wind, no surf
Kaanapali Shores RKS RKS170103	9:10	23.0 ✓	29.5	7.07	97.5	8.21	3.81	3.74	3.78	1 beach walker, 1/2' surf clear sky, no rain, 2 SUPs paddlers
Airport Beach RAB RAB170103	9:30	24.4 ✓ 24.5	34.6	6.57	95.5	8.18	2.62	2.52	2.34	Lots of people on beach, clear sky, 5-7 kt wind from N SUPs small surf - 1 ft. Divers snorklers
Canoe Beach RCB RCB170103	9:55	24.9 ✓ 24.8	34.5	6.66	97.6	8.21	1.60	1.35	1.30	Occasional waves, SUPs 6 swimmers - not close clear sky no wind
Wahikuli RWA RWA170103	10:15	24.8 24.9	34.9	6.49	95.3	8.20	0.92	0.95	0.92	fishermen (2), 4 swimmers Send small waves, clear sky, light breeze

Turbidity Verification Pre:	**Blank:** 0.13	**Low: 0-10**	6.45	**Med: 10-100**	58.9	**High: 100-1000**	568	**Comment**
Post:	**Blank:** 0.12	**0-10**	6.48	**10-100**	58.6	**100-1000**	566	

COASTAL AND ENVIRONMENTAL CONDITION NOTES

High Tide 7:14 a.m. 2.0 feet; Low tide 2:07 p.m. 0.5 feet, Lahaina station

Rain Conditions (general):

Cloud Cover: 10% cloud cover

Moon: 6 (7)

* Spilled tap water on meter at RKS
* Took multiple pH readings at each site. pH slow to come to final answer. waited until we got 3 same pH in a row.

WATER QUALITY SAMPLING:

Sample No	Location Name	Time	Vol (mL)	Nutrient Bottle?	SSC ?	Quality control notes	Grab sample?
RPO170103-N-1	Pohaku	8:45	125	X		Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders	☒
RPO170103-S-1	Pohaku	—	500		X		☐
RKS170103-N-1	Kaanapali Sh	9:10	125	X		Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders	☒
RKS170103-S-1	Kaanapali Sh	—	500		X		☐
RAB170103-N-1	Airport Beach	9:30	125	X		Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders	☒
RAB170103-N-2	Airport Beach	9:30	125	X		Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders	☒
RAB170103-S-1	Airport Beach	—	500		X		☐
RCB170103-N-1	Canoe Beach	9:55	125	X		Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders	☒
RCB170103-S-1	Canoe Beach	—	500		X		☐
RWA170103-N-1	Wahikuli	10:15	125	X		Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders	☒
RWA170103-S-1	Wahikuli	—	500		X		☐
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Replicate sample: Collect two syringes with two syringe filters and filter both syringes into the N-1 bottle. Agitate the two collected samples to create a homogenous water sample and then carefully pour half of the water into the N-2 bottle. This ensures that the lab receives two water samples that are identical.

1/3/17