

POLANUI TEAM

2100Q: 2

HQ40D: 2

Samplers: Rich, Kit, Cathy,
Alana (data recorder)

Sampler contact: (808) 269-2845

Date and Time: 11/30/16

IN-SITU READINGS:

Location Name	Time	Temp (C)	Sal (ppt)	DO (mg/L)	DO Saturation (%)	pH	Turbidity ¹ (NTU)			Comments (Rain, swimmers, wind)
505 Front Street PFF	8:24	25.0	34.0	6.35	92.8%	8.07	9.45	9.36	9.10	20% 2/8 cloud cover, no breeze, broken surface waves, no one in water
Lindsey Hale PLH	8:51	25.0	33.9	6.24	91.2%	7.99 8.02	9.30	9.57	9.46	no one in water (looks a little brown), 2 mph wind, 5/8 cloud cover, flat water
Lahaina Town PLT	9:12	25.0	34.0	6.20	90.5%	7.95	12.4	12.8	12.3	3/8 cloud cover, no one in water, looks dirty, slight breeze, no waves inside reef
Puamana PPU	9:40	25.4	33.9	6.84	100.6%	8.09 8.11	1.75	2.11	2.21	3/8 cloud cover, no one in water, slight breeze, 1 ft surf
Launiupoko OLP	10:01	24.5	34.5	7.13	103.6%	8.04	1.45	1.49	1.59	3/8 cloud cover, swimmers + surfers in water, 15-20 knot winds, 1 ft surf
Olowalu Shore Front OSF	10:25	24.7	34.8	7.37	108.0%	8.13	2.64	2.48	2.15	5/8 cloud, no one in water, 20 knots wind, 1 ft surf
Turbidity Verification										
Pre:	Blank: 0.13 (forgot to record so we agreed)	Low: 0-10	6.30	Med: 10-100	57.2	High: 100-1000	560			Comment: pH probe taking a really long time to stabilize at every site
Post:	Blank: clear 0.09	0-10	6.27	10-100	56.9	100-1000	557			

COASTAL AND ENVIRONMENTAL CONDITION NOTES

Tide: 4:35 a.m. high tide 2.3 ft; 10:41 a.m. 0.7 ft Low Tide; Lahaina station

Rain Conditions (general):

Cloud Cover:

Moon: 3

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Wind conditions (general):

WATER QUALITY SAMPLING:

Sample No	Location Name	Time	Vol (mL)	Nutrient Bottle?	SSC ?	Quality control notes	Grab sample?
PFF161130-N-1	505 Front St	8:24	125	X		Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders	<input checked="" type="checkbox"/>
PFF161130-S-1	505 Front St		500		X		<input checked="" type="checkbox"/>
PLH161130-N-1	Lindsey Hale	8:51	125	X		Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders	<input checked="" type="checkbox"/>
PLH161130-S-1	Lindsey Hale		500		X		<input checked="" type="checkbox"/>
PLT161130-N-1	Lahaina Town	9:12	125	X		Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders	<input checked="" type="checkbox"/>
PLT161130-S-1	Lahaina Town		500		X		<input checked="" type="checkbox"/>
PPU161130-N-1	Puamana	9:40	125	X		Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders	<input checked="" type="checkbox"/>
PPU161130-S-1	Puamana		500		X		<input checked="" type="checkbox"/>
OLP161130-N-1	Launiupoko	10:01	125	X		Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders	<input checked="" type="checkbox"/>
OLP161130-S-1	Launiupoko		500		X		<input type="checkbox"/>
OSF161130-N-1	Olowalu Shore Front	10:25	125	X		Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders	<input checked="" type="checkbox"/>
OSF161130-S-1	Olowalu Shore Front		500		X		<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>

Hana

Hui O Ka Wai Ola, 7/10/2016