

* Note: PLT site - stream not flowing when we were there but took pictures of residual foam in outlet so possibly (?) flowed earlier - what do #s say?

POLANUI TEAM

2100Q: 1

HQ40D: 2

Samplers:

Rich
Kit
Cathy

Sampler contact:

Cathy Maxwell

Date and Time: 12/14/16

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 PFF161214	8:16	24.2	34.8	6.56	95.1	7.94 slow rinsed 8.03 in 20s	4.24	4.23	4.45	water seemed clear to Rich 97% Cloud cover, no one in water or on beach, stream flowing flat - ruffles in water, no wind, no rain
Lindsey Hale PLH * PLH161214	8:45	23.7	33.1	6.65	94.7	7.96 sort of slow	14.0	14.4	14.4	100% Cloud cover, flat water, Cruise ship outside reef, no wind no waves/water seemed muddy to Rich could see feet, no rain
Lahaina Town PLT PLT161214	9:18	24.0	33.8	5.93	85.3	7.44 44s to settle	7.11	7.76	7.64	95% Cloud cover, flat no waves, Cruise ship beyond reef, no one in water, no one on beach, no rain
Puamana PPU PPU161214	9:35	24.9	34.4	6.95	101.8	8.08 slow	3.01	2.83	2.31	85% Cloud cover, Cruise ship off of beach, low tide, waves ~ 1 foot on platform no rain, no one in water, no scope today, looked clear
Launiupoko OLP OLP161214	9:54	24.9	34.6	7.02	103.0	8.13 slow	2.47	1.99	1.52	75% Cloud cover, < 1/2 foot wave, no rain, 2 subs way out, no one on beach, no one in water near shore, looked clear
Olowalu Shore Front OSF161214	10:16	24.7	34.8	6.68	97.7	8.08 slow	3.96	4.13	4.21	flat, no one here on beach or in water, 75% Cloud cover, no waves, 1 knot wind
Turbidity Verification Pre:	Blank: 0.07	Low: 0-10	5.68	Med: 10-100	58.0	High: 100- 1000	629			Comment
Post:	Blank: 0.11	0-10	5.67	10-100	58.0	100- 1000	629			

COASTAL AND ENVIRONMENTAL CONDITION NOTES

Tide: 4:26 a.m. high tide 2.7 ft; 9:29 a.m. 0.6 ft Low Tide; Lahaina station

Rain Conditions (general):

Cloud Cover:

Moon: 16

Hui O Ka Wai Ola, 7/10/2016

Wind conditions (general):

Replicate sample: Use 2 syringes & collect water in each syringe. Filter both samples into N-1 bottle, agitate bottle, then pour half of water into N-2 bottle.

WATER QUALITY SAMPLING:

Sample No	Location Name	Time	Vol (mL)	Nutrient Bottle?	SSC ?	Quality control notes	Grab sample?
PFF161214-N-1	505 Front St	8:16	125	X		Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders	<input checked="" type="checkbox"/>
PFF161214-S-1	505 Front St		500		X		<input type="checkbox"/>
PLH161214-N-1	Lindsey Hale	8:45	125	X		Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders	<input checked="" type="checkbox"/>
PLH161214-S-1	Lindsey Hale		500		X		<input checked="" type="checkbox"/>
PLT161214-N-1	Lahaina Town	9:18	125	X		Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders	<input checked="" type="checkbox"/>
PLT161214-N-2	Lahaina Town		125	X		Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders	<input checked="" type="checkbox"/>
PLT161214-S-1	Lahaina Town		500		X		<input checked="" type="checkbox"/>
PPU161214-N-1	Puamana	9:35	125	X		Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders	<input checked="" type="checkbox"/>
PPU161214-S-1	Puamana		500		X		<input type="checkbox"/>
OLP161214-N-1	Launiupoko	9:54	125	X		Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders	<input checked="" type="checkbox"/>
OLP161214-S-1	Launiupoko		500		X		<input type="checkbox"/>
OSF161214-N-1	Olowalu Shore Front	10:16	125	X		Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders	<input checked="" type="checkbox"/>
OSF161214-S-1	Olowalu Shore Front		500		X		<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>