

POLANUI TEAM

2100Q: 1

HQ40D: 2

Samplers:

Sampler contact:

Date and Time: 8/24/16

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	7:32	27.9	35.0	6.12	94.6	8.05	5.21	3.98	4.10	65% cloud cover, 5-10 mph wind create small amount of flow waves - 1/2 feet
Lindsey Hale PLH	8:20	28.4	35.2	5.44	85.0	8.01	23.7	23.7	28.8	Same as above
Lahaina Town PLT	8:42	28.3	35.7	5.84	91.3	8.03	6.18	6.94	6.59	surfs(3) went by at end same as above hi tide (skole)
Puamana PPU	9:13	28.4	35.5	6.44	100.7%	8.09	1.39	1.32	1.28	55% cloud cover 10-15 mph wind 1/2 ft waves
Launiupoko OLP	9:38	28.6	36.1	6.39	100.6%	8.13	3.56	3.92	3.84	20% cloud cover 10-15 mph wind 1 ft. waves
Olowalu Shore Front OSF	10:00	29.0	36.0	6.85	108.5	8.10	1.74	1.11 2.78	1.04	50% cloud cover calm water 10-15 mph wind
Turbidity Verification Pre)	Blank: 0.15	Low: 0-10	5.61	Med: 10-100	57.9	High: 100-1000	618			Comment note blank higher than normal despite extra cleaning
Post)	Blank: 0.06 0.13	0-10	5.59	10-100	57.8	100-1000	616			Now blank ok tested in lab

COASTAL AND ENVIRONMENTAL CONDITION NOTES

Tide: 7:20 a.m. tide rising 1.4, high tide 9:29 a.m. 1.6 feet; Lahaina station

Cloud Cover:

* 0.13 was with squeeze bottle water
0.06 w/ fresh distilled H₂O

Rain Conditions (general):

Moon: 22

* water drop on outside of vial
discovered after 1st measurement -
wiped off & retested (=the recorded value)

Hui O Ka Wai Ola, 7/10/2016

Wind conditions (general):

WATER QUALITY SAMPLING:

Sample No	Location Name	Time	Vol (mL)	Nutrient Bottle?	SSC ?	Quality control notes	Grab sample?
PFF160824-N-1	505 Front St		125	X		Washed, rinsed syringes; washed rinsed filter holders; 0.7 um GFF filters	<input type="checkbox"/>
PFF160824-S-1	505 Front St		500		X		<input type="checkbox"/>
PLH160824-N-1	Lindsey Hale		125	X		Washed, rinsed syringes; washed rinsed filter holders; 0.7 um GFF filters	<input type="checkbox"/>
PLH160824-S-1	Lindsey Hale		500		X		<input type="checkbox"/>
PLT160824-N-1	Lahaina Town		125	X		Washed, rinsed syringes; washed rinsed filter holders; 0.7 um GFF filters	<input type="checkbox"/>
PLT160824-S-1	Lahaina Town		500		X		<input type="checkbox"/>
PPU160824-N-1	Puamana		125	X		Washed, rinsed syringes; washed rinsed filter holders; 0.7 um GFF filters	<input type="checkbox"/>
PPU160824-S-1	Puamana		500		X		<input type="checkbox"/>
OLP160824-N-1	Launiupoko		125	X		Washed, rinsed syringes; washed rinsed filter holders; 0.7 um GFF filters	<input type="checkbox"/>
OLP160824-S-1	Launiupoko		500		X		<input type="checkbox"/>
OSF160824-N-1	Olowalu Shore Front		125	X		Washed, rinsed syringes; washed rinsed filter holders; 0.7 um GFF filters	<input type="checkbox"/>
OSF160824-S-1	Olowalu Shore Front		500		X		<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>