

OLOWALU TEAM

Samplers: John Voozilis
Michelle Griffith

Sampler contact: 808 866 2629

2100Q: 1

HQ40D: 1

Date and Time: 9/22/2016

IN-SITU READINGS:

Location Name	Time	Temp (C)	Sal (ppt)	DO (mg/L)	DO Saturation (%)	pH	Turbidity ¹ (NTU)			Comments (Rain, swimmers, wind)
Peter Martin Hale OPM	0715	27.1	36.6	6.26	96.5	7.93	10.6	11.6	11.2	1st sample AFTER MAJOR STORM LAST WEEK
Camp Olowalu OCO	0752	26.6	36.7	6.44	98.6	7.86	25.9	25.6	26.7	VERY High ACTION - CLOSE OR IN PARKING AREA
Mile Marker 14 OMM	0821	27.0	36.1	6.40	98.0	7.93	13.6	13.8	14.0	NO extra sample (only 5 containers)
Ukumehame Beach OUB	0850	27.7	31.1	6.43	100.30	8.03	13.5	15.2	15.2	Few swimmers/surfers
Papalaua Beach OPB	9:07	27.5	36.1	6.58	101.8	8.09	12.4	14.8	16.0	big surf - huge splashes over seawall
Papalaua Pali OPP	9:25	27.6	36.1	6.50	100.6	8.03	12.3	14.3	12.5	huge waves - brown - someone chainsawing!
Turbidity Verification										
Pre:	Blank: .15	Low: 0-10	5.63	Med: 10-100	58.1	High: 100-1000	622			Comment
Post:	Blank: .06	0-10	5.63	10-100	58.0	100-1000	622			

COASTAL AND ENVIRONMENTAL CONDITION NOTES

Tide: 7:00 a.m. tide rising 1.6 feet, High tide 9:01 a.m. 1.8 feet Lahaina station

Cloud Cover: Few

Rain Conditions (general):

Moon: 22

Very Strong, high waves - to parking!

Hui O Ka Wai Ola, 7/10/2016

we could almost collect H₂O from car!

Wind conditions (general):

WATER QUALITY SAMPLING:

Sample No	Location Name	Time	Vol (mL)	Nutrient Bottle?	SSC ?	Quality control notes	Grab sample?
OPM160922-N-1	Peter Martin	0715	125	X		Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	<input checked="" type="checkbox"/>
OPM160922-N-2	Peter Martin	0715	125	X		Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters – replicate sample	<input checked="" type="checkbox"/>
OPM160922-S-1	Peter Martin		500		X		<input checked="" type="checkbox"/>
OCO160922-N-1	Camp Olowalu	0752	125	X		Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	<input checked="" type="checkbox"/>
OCO160922-S-1	Camp Olowalu		500		X		<input checked="" type="checkbox"/>
OMM160922-N-1	Mile Marker 14	0821	125	X		Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	<input checked="" type="checkbox"/>
OMM160922-S-1	Mile Marker 14		500		X		<input type="checkbox"/>
OUB160922-N-1	Ukumehame Beach	0850	125	X		Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	<input checked="" type="checkbox"/>
OUB160922-S-1	Ukumehame Beach		500		X		<input checked="" type="checkbox"/>
OPB160922-N-1	Papalaua Beach	0907	125	X		Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	<input checked="" type="checkbox"/>
OPB160922-S-1	Papalaua Beach		500		X		<input checked="" type="checkbox"/>
OPP160922-N-1	Papalaua Pali	0925	125	X		Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters	<input checked="" type="checkbox"/>
OPP160922-S-1	Papalaua Pali		500		X		<input checked="" type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>

No labels on sediment bottles, but use paper towel & hair bands.
 One label duplicated but believe it was last sample and labeled it OPP.

Hui O Ka Wai Ola, 7/10/2016