

Polaris Team

HA40D-2

Samplers: Rich, Cathy, Alana Dana, Kit
 Sampler contact: Rich 209-5299

Date and Time: 7/27/2016

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	7:28	27.4	34.7	5.90	90.2	8.04	2.84 (8.24)	2.53 (6.34)	2.44 7.64	choppy w/ wave action; two kayaks
Lindsey Hale PLH	8:05	27.4	35.0	5.90	90.5	8.02	8.02	7.88	8.24 (7.64)	Three SOP's, #
Lahaina Town PLT	8:28	27.6	35.2	5.65	87.0	8.00	8.92	3.46	3.73 #4(3.90)	Five SOP's, Three
Puamana PPU did not do	9:09	27.8	35.8	6.89	106.6					some areas more turbid than others - significant South swell, fairly large wave sets
Launiupoko OLP used PPU bottles	9:09	28.0	35.6	6.52	101.4	8.13	0.91	0.96	0.76	some areas more turbid than others - significant South swell, fairly large wave sets
Olowalu Shore Front OSF	9:39	27.8	35.5	6.89	106.6	8.12	1.05	0.89	1.00	is actual wave action here + strong wind straight on shore
Turbidity Calibration Pre: 0.06	Blank: 0.06	Low: 0-10	5.57	Med: 10-100	57.7	High: 100-1000	617			Comment
Post:	Blank: 0.06	0-10	5.59	10-100	57.8	100-1000	615			

COASTAL AND ENVIRONMENTAL CONDITION NOTES

Tide: 7:00 a.m. tide rising 0.7, high tide 11:50 a.m.

Rain Conditions (general): ☺

Cloud Cover: ☺

Moon: 25

PFF turbidity samples forgot to agitate bottle
 PLT ? #1 turbidity

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?
PFF160727-N-1	505 Front St	7:28	125	X		GFF filters washed & rinsed with distilled water	<input checked="" type="checkbox"/>
PFF160727-S-1	505 Front St	7:28	500		X	Swiney filter holders - new- unused syringes	<input checked="" type="checkbox"/>
PLH160727-N-1	Lindsey Hale	8:05	125	X			<input checked="" type="checkbox"/>
PLH160727-S-1	Lindsey Hale	8:05	500		X		<input checked="" type="checkbox"/>
PLT160727-N-1	Lahaina Town	8:28	125	X			<input checked="" type="checkbox"/>
PLT160727-S-1	Lahaina Town	8:28	500		X		<input checked="" type="checkbox"/>
PPU160727-N-1	Puamana	—	125	X		not sampled	<input type="checkbox"/>
PPU160727-S-1	Puamana	—	500		X	not sampled	<input type="checkbox"/>
OLP160727-N-1	Launiupoko	9:09	125	X		OLP label on top of PPU label	<input checked="" type="checkbox"/>
OLP160727-S-1	Launiupoko	9:09	500		X	OLP label on top of PPU label	<input checked="" type="checkbox"/>
OSF160727-N-1	Olowalu Shore Front	9:39	125	X			<input checked="" type="checkbox"/>
OSF160727-S-1	Olowalu Shore Front	9:39	500		X		<input checked="" type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>