

GEORGE, NELL, NANA (Richard O'Brien)

IN-SITU READINGS:

Team:	Samplers:	Instrument #	Probe #s	Date:	Start time:	Finish time:
Olowalu		40d: 2	S: 2 pH: 3	2/17/17	0705	0928
		2100q 2	DO: 2			

Location Name	Time	Temp (C)	Sal (ppt)	DO (mg/L)	DO Saturation (%)	pH	Turbidity ¹ (NTU)			Comments		
										Waves	Swimmers	Wind
Martin Hale OPM OPM170217	0712	24.8	35.1	5.90	86.3	8.02	3.14	2.73	2.95	Ø	Ø	calm 6/8
Camp Olowalu OCO OCO170217	0740	25.6	35.1	6.18	91.6	8.08	2.46	2.68	2.75	Ø	12 KAYAKS	calm 4/8
Mile Marker 14 OMM OMM170217	0800	25.6	35.1	5.63	83.3	8.05	2.12	2.12	2.18	Ø	Ø several canoes	calm 7/8
Ukumehame OUB OUB170217	0825	25.3	35.2	6.46	95.3	8.11	2.78	2.76	2.76	1' surf	Monk Seal!	calm 1/8
Papalaua Beach OPB OPB170217	0850	25.6	35.3	6.83	101.5	8.13	14.3	14.3	13.9	1' surf	Fishing camping 7 people	calm 3/8
Papalaua Pali OPP OPP170217	0914	25.5	35.1	6.73	99.6	8.15	3.24	4.10	3.76	1' surf	2 swim 4 campers	calm 3/8
Turbidity Verification Pre:	Blank:	0.19	Low: 0-10	6.83	Med: 10-100	60.9	High: 100-1000	604	Comment			
	Post:	0.16	0-10	6.91	10-100	60.6	100-1000	599				

COASTAL AND ENVIRONMENTAL CONDITION NOTES

Tide height 7:00 a.m. (Lahiana station) 1.3 feet

Moon: 21

Cloud Cover (1-8): 7/8

Wind conditions (general): calm

Rain Conditions (general): none

(1 worn NUTRANT syringe discarded)

Monk seal Ukumehame FI 8:30 AM
more people - holiday weekend

Hui O Ka Wai Ola, 12/12/2016

GEORGE, NELL, DANA (RICHARD OBSERVING)

WATER QUALITY SAMPLING:

Team:	Samplers:	Date:	Start time:	Finish time:
Olowalu		2/17/17	07:05	09:28

Sample No	Location Name	Time	Vol (mL)	Nutrient Bottle?	SSC ?	Quality control notes	Grab sample?
OPM170217-N-1	Martin Hale	0718	125	X		Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders	<input checked="" type="checkbox"/>
OPM170217-S-1	Martin Hale		500		X		<input type="checkbox"/>
OCO170217-N-1	Camp Olowalu	0740	125	X		Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders	<input checked="" type="checkbox"/>
OCO170217-S-1	Camp Olowalu		500		X		<input type="checkbox"/>
OMM170217-N-1	Mile Marker 14	0806	125	X		Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders	<input checked="" type="checkbox"/>
OMM170217-S-1	Mile Marker 14		500		X		<input type="checkbox"/>
OUB170217-N-1	Ukumehame	0825	125	X		Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders	<input checked="" type="checkbox"/>
OUB170217-S-1	Ukumehame		500		X		<input type="checkbox"/>
OPB170217-N-1	Papalaua Beach	0850	125	X		Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders	<input checked="" type="checkbox"/>
OPB170217-S-1	Papalaua Beach		500		X		<input checked="" type="checkbox"/>
OPP170217-N-1	Papalaua Pali	0914	125	X		Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders	<input checked="" type="checkbox"/>
OPP170217-S-1	Papalaua Pali		500		X		<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>

Dr. J. M. E.

Hui O Ka Wai Ola, 12/12/2016