Samplers: Rich Kit Alana Dana

Sampler contact:

Polanui Team

Date and Time: 07/13/16

<u>IN-SITU READINGS:</u>

Location Name	Time	Temp (C)	Sal (ppt)	DO (mg/L)	DO Saturation (%)	pH	Turbidity[1] (NTU)	Comments
505 Front Street PFF	7:35	26.9	36.2ppt (R-35)	5.90	90.6	8.04	2.98 2.32 2.62	calm, stream flowing noticably; no swimmers
Lindsey Hale PLH	8:07	27.0	36.0 (R-35)	5.49	84.5	8.01	2.07 1.96 1.99	slight breeze from south no swimmers
Lahaina Town PLT	8:29	27.4	36.0 (R-34)	5.39	83.3	8.00	5.64 4.29 4.95	slight breeze; no swimmers but people on beach (dogs)
Puamana PPU	9:00							No sample; water over pier
Launiupoko OLP	9:20	28.1	37.8 (R-35)	6.56	103.6	8.10	2.36 2.78 2.56	DOH sample spot - 3 swimmers near; many surfers farther out
Olowalu Shore Front OSF	9:48	28.0	37.4 (R-35)	6.98	109.8	8.04	1.94 1.99 1.66	No swimmers. Calm wind Area for pier now closed off

Turbidity Calibration	Low:		Med:			High:		Comment
Pre: 0.06		5.54		57.6			617	
Post: 0.04		5.56		57.7			615	

<u>COASTAL AND ENVIRONMENTAL CONDITION NOTES</u>

Tide: LAH 7:00 a.m. rising 0.5 feet, LAH 10:00 a.m. rising 1.1 feet

Wind (speed, direction) LAH 8.6 kts NE (8 pts)

Rain Conditions: none

Moon: 10

Cloud Cover: ∅

Hui O Ka Wai Ola, 5/8/2016

WATER QUALITY SAMPLING:

Sample No	Location Name	Time	Vol (mL)	Nutrient Bottle?	SSC ?	Quality control notes	Grab sample?
PFF160713-N-1	505 Front St	7:35	125	X		Used new syringes,	☑
PFF160713-S-1	505 Front St	ʺ	500		X	swinnex filter holders,	☑
PLH160713-N-1	Lindsey Hale	8:07	125	X		GFF filters – all	☑
PLH160713-S-1	Lindsey Hale	ʺ	500		X	new/unused	☑
PLT160713-N-1	Lahaina Town	8:29	125	X			☑
PLT160713-S-1	Lahaina Town	ʺ	500		X		☑
PPU160713-N-1	Puamana	—	125	X		no sample	☐
PPU160713-S-1	Puamana	—	500		X	ʺ	☐
OLP160713-N-1	Launiupoko	9:20	125	X			☑
OLP160713-S-1	Launiupoko	9:20	500		X		☑
OSF160713-N-1	Olowalu Shore Front	9:48	125	X		810 ml was poured w/out a filter. Rest of	☑
OSF160713-S-1	Olowalu Shore Front	ʺ	500		X	sample was put through filter.	☑
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Hui O Ka Wai Ola, 5/8/2016