

Samplers: Dana R.
Ty F.

Sampler contact: Dana or Ty
720-272-8664

Date and Time: 07/12/16

IN-SITU READINGS:

Location Name	Time	Temp (C)	Sal (ppt)	DO (mg/L)	DO Saturation (%)	pH	Turbidity ¹ (NTU)	Comments
Pohaku RPO	7:19	26.6	33.1 (R-33)	6.49	97.4	8.09	5.28 5.06 5.07	calm winds (sample even w bench no swimmers, gate closed! Sewer smell)
Kaanapali Shores RKS	7:49	26.0	39.1 (R-31)	6.53	100.1	8.07	3.63 4.12 3.96	light winds (sample front green no swimmers, murky water)
Airport Beach RAB	8:16	27.0	36.3 (R-35)	6.46	99.5	8.09	0.88 1.04 0.89	calm, 3-4 swimmers, not close; relatively clear water (sample to left of sign)
Canoe Beach RCB	8:38	27.2	35.0 (R-34)	6.79	104.0	8.12	2.38 2.39 2.52	calm winds, 1 swimmer very distant, relatively clear water (Tree by ski)
Wahikuli RWA	9:02	27.4	35.7 (R-35)	6.66	102.7	8.16	3.32 3.56 3.36	calm winds (2 swimmers rough surf! Bigger shore break)
Turbidity Calibration								
Pre: B	Low:	5.58	Med:	57.7		High:	616	Comment
Post:		5.53		57.9			616	

COASTAL AND ENVIRONMENTAL CONDITION NOTES

Tide: LAH 7:00 a.m. rising 0.7 feet, LAH 10:00 a.m. rising 1.2 feet

Wind (speed, direction) calm (3 Bft) ENE

Rain Conditions: no rain

Moon: 9

Cloud Cover: ϕ

General notes, very little swell, calm seas
easy sampling

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?
RPO160712-N-1	Pokahu	7:20	125	X		GFF filters, new	<input checked="" type="checkbox"/>
RPO160712-S-1	Pokahu	7:20	500		X	syringes, new filter holders	<input checked="" type="checkbox"/>
RKS160712-N-1	Kaanapali Sh	7:50	125	X		GFF, new syringe	<input checked="" type="checkbox"/>
RKS160712-S-1	Kaanapali Sh	7:50	500		X		<input checked="" type="checkbox"/>
RAB160712-N-1	Airport Beach	8:16	125	X		GFF, new syringe	<input checked="" type="checkbox"/>
RAB160712-S-1	Airport Beach	8:16	500		X		<input checked="" type="checkbox"/>
RCB160712-N-1	Canoe Beach	8:38	125	X		GFF	<input checked="" type="checkbox"/>
RCB160712-S-1	Canoe Beach	8:38	500		X		<input checked="" type="checkbox"/>
RWA160712-N-1	Wahikuli	9:02	125	X		GFF	<input checked="" type="checkbox"/>
RWA160712-S-1	Wahikuli	9:02	500		X	B	<input checked="" type="checkbox"/>
							<input type="checkbox"/>
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GFF filter much easier to filter because of larger pore size

Notes: ^{Swinmer} New filter holders, ^{new} syringes, used this time with GFF filters. Typ's comment was the water was much easier to push through. This week turbidity readings were also generally lower.