

GEORGE w/Bruce B
NEU

OLOWALU TEAM

GEORGE 419-6604

2100Q: 1

HQ40D: 2

Samplers:

Sampler contact:

Date and Time: 1/26/2017

battery not fully charged

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 OPM170126 | 0720 | 22.5 | 35.0 | 6.16 | 86.5 | 1.90 1.84 1.87 1.88 | 3.16 | 3.91 | 3.14 | calm [PH SLAD TO READ] PSWT TIME |
| Camp Olowalu OCO OCO170126 | 0750 | 22.6 | 35.1 | 6.56 | 92.3 | 8.02 | 2.46 | 2.40 | 2.47 | multiple Kayaks in water 8.01 8.02 |
| Mile Marker 14 OMM OMM170126 | 0812 | 22.6 | 35.0 | 6.21 | 88.2 | 8.05 | 2.99 | 2.75 | 2.80 | campers on beach 8.05 none in water 8.02 8.04 |
| Ukumehame Beach OUB OUB170126 | 0835 | 23.5 | 35.3 | 6.85 | 98.0 | 8.06 | 6.29 | 7.23 | 6.33 | 1' SURF LGT WIND 8.04 8.05 |
| Papalaua Beach OPB OPB170126 | 0855 | 23.2 | 35.4 | 6.97 | 99.3 | 8.07 | 4.62 | 4.52 | 4.47 | 1' SURF 1 CAMPER 8.03 8.06 |
| Papalaua Pali OPP OPP170126 | 0910 | 23.5 | 35.2 | 7.02 | 100.3 | 8.08 | 3.73 | 4.24 | 3.66 | 1' SURF NO WIND 8.05 8.06 8.07 |
| Turbidity Verification Pre: | Blank: 0.01 | Low: 0-10 | 5.70 | Med: 10-100 | 58.2 | High: 100-1000 | 630. | | | Comment |
| Post: | Blank: 0.07 | 0-10 | 5.67 | 10-100 | 58.2 | 100-1000 | 629 | | | |

COASTAL AND ENVIRONMENTAL CONDITION NOTES

Tide: High Tide 3:39 a.m. 2.2 ft, Low tide 9:47 a.m. 0.6 ft Lahaina station

Rain Conditions (general):

NONE

Cloud Cover: 1/8

Moon: 30

Hui O Ka Wai Ola, 7/10/2016

By MTH 1/26/2016

Wind conditions (general):

WATER QUALITY SAMPLING:

| Sample No | Location Name | Time | Vol (mL) | Nutrient Bottle? | SSC ? | Quality control notes | Grab sample? |
|---------------|-----------------|------|----------|------------------|-------|--|-------------------------------------|
| OPM170126-N-1 | Peter Martin | 0720 | 125 | X | | Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders | <input checked="" type="checkbox"/> |
| OPM170126-S-1 | Peter Martin | | 500 | | X | | <input type="checkbox"/> |
| OCO170126-N-1 | Camp Olowalu | 0750 | 125 | X | | Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders | <input checked="" type="checkbox"/> |
| OCO170126-S-1 | Camp Olowalu | | 500 | | X | | <input type="checkbox"/> |
| OMM170126-N-1 | Mile Marker 14 | 0812 | 125 | X | | Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders | <input checked="" type="checkbox"/> |
| OMM170126-S-1 | Mile Marker 14 | | 500 | | X | | <input type="checkbox"/> |
| OUB170126-N-1 | Ukumehame Beach | 0835 | 125 | X | | Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders | <input checked="" type="checkbox"/> |
| OUB170126-S-1 | Ukumehame Beach | | 500 | | X | | <input type="checkbox"/> |
| OPB170126-N-1 | Papalaua Beach | 0855 | 125 | X | | Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders | <input checked="" type="checkbox"/> |
| OPB170126-S-1 | Papalaua Beach | | 500 | | X | | <input type="checkbox"/> |
| OPP170126-N-1 | Papalaua Pali | 0910 | 125 | X | | Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders | <input checked="" type="checkbox"/> |
| OPP170126-S-1 | Papalaua Pali | | 500 | | X | | <input type="checkbox"/> |
| | | | | | | | <input type="checkbox"/> |

Replicate sample: Collect two syringes with two syringe filters and filter both syringes into the N-1 bottle. Agitate the two collected samples to create a homogenous water sample and then carefully pour half of the water into the N-2 bottle. This ensures that the lab receives two water samples that are identical.

Hui O Ka Wai Ola, 7/10/2016

See I H H H 1/26/2016