

POLANUI TEAM

2100Q: 2

HQ40D: 2

 Samplers: Roxie
 Rich
 Cathy
 Kit

Sampler contact: Cathy / Roxie

Date and Time: 1/04/17

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 PFF170104 | 8:15am | 23.4 | 34.1 | 6.72 | 95.6 | 8.08 8.02 8.07 | 5.49 | 5.72 | 5.49 | no wind no rain 4-6" waves no ppl freshwater stream |
| Lindsey Hale PLH PLH170104 | 8:42am | 23.3 | 34.7 | 6.77 | 96.4 | 7.98 8.05 8.07 | 8.86 | 8.96 | 8.93 | no wind no rain ripple no ppl in sample site |
| Lahaina Town PLT PLT170104 | 9:03am | 23.7 | 34.6 | 6.22 | 89.4 | 8.03 8.05 8.05 | 37.2 | 34.9 | 33.8 | no wind no rain flat 4-5 sup (readjust filter) dirty water tank 5 days, ppl walking |
| Puamana PPU PPU170104 | 9:32am | 24.1 | 34.9 | 6.85 | 99.2 | 8.05 8.09 8.11 | 2.97 | 2.59 | 2.54 | no wind no rain 1' waves, not able to collect at tip 1 sup |
| Launiupoko OLP OLP170104 | 9:58am | 24.3 | 35.1 | 6.92 | 100.6 | 8.05 8.08 8.12 | 4.58 | 5.57 | 4.89 | no wind no rain 6"-1' waves 13 surfers in area dirty water 15 surfers to the slight breeze |
| Olowalu Shore Front OSF170104 | 10:24am | 24.3 | 35.0 | 7.46 | 108.5 | 8.11 8.13 8.13 | 2.00 | 2.22 | 2.32 | no clouds no rain steady breeze flat/ripple 2-3" no ppl water calm/clear |
| Turbidity Verification Pre: | Blank: 0.13 | Low: 0-10 | 6.42 | Med: 10-100 | 58.6 | High: 100-1000 | 566 | | | Comment |
| Post: | Blank: 0.13 | 0-10 | 6.40 | 10-100 | 58.1 | 100-1000 | 563 | | | |

COASTAL AND ENVIRONMENTAL CONDITION NOTES

Tide: 7:53 a.m. high tide 1.9 ft; 3:05 p.m. 0.4 ft Low Tide; Lahaina station

Rain Conditions (general): none

Cloud Cover: 0

Moon: 7 (8)

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Wind conditions (general):

WATER QUALITY SAMPLING:

| Sample No | Location Name | Time | Vol (mL) | Nutrient Bottle? | SSC ? | Quality control notes | Grab sample? |
|---------------|---------------------|-------|----------|------------------|-------|--|-------------------------------------|
| PFF170104-N-1 | 505 Front St | 8:15 | 125 | X | | Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders | <input checked="" type="checkbox"/> |
| PFF170104-S-1 | 505 Front St | 8:15 | 500 | | X | | <input checked="" type="checkbox"/> |
| PLH170104-N-1 | Lindsey Hale | 8:42 | 125 | X | | Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders | <input checked="" type="checkbox"/> |
| PLH170104-S-1 | Lindsey Hale | 8:42 | 500 | | X | | <input checked="" type="checkbox"/> |
| PLT170104-N-1 | Lahaina Town | 9:03 | 125 | X | | Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders | <input checked="" type="checkbox"/> |
| PLT170104-S-1 | Lahaina Town | 9:03 | 500 | | X | | <input checked="" type="checkbox"/> |
| PPU170104-N-1 | Puamana | 9:32 | 125 | X | | Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders | <input checked="" type="checkbox"/> |
| PPU170104-S-1 | Puamana | 9:32 | 500 | | X | | <input checked="" type="checkbox"/> |
| OLP170104-N-1 | Launiupoko | 9:58 | 125 | X | | Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders | <input checked="" type="checkbox"/> |
| OLP170104-S-1 | Launiupoko | 9:58 | 500 | | X | | <input checked="" type="checkbox"/> |
| OSF170104-N-1 | Olowalu Shore Front | 10:24 | 125 | X | | Washed, rinsed syringes; acid washed bottles; 0.7 um filters; washed rinsed filter holders | <input checked="" type="checkbox"/> |
| OSF170104-S-1 | Olowalu Shore Front | | 500 | | X | | <input type="checkbox"/> |
| | | | | | | | <input type="checkbox"/> |
| | | | | | | | <input type="checkbox"/> |
| | | | | | | | <input type="checkbox"/> |

Carlene Maxwell 1/4/17

Hui O Ka Wai Ola, 7/10/2016