

POLANUI TEAM

2100Q:1

HQ40D:1

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Date and Time: 9/07/16

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 | 7:48am | 27.1 | 34.5 | 6.18 | 94.1 | 8.00 | 6.86 | 7.0 | 5.54 | 30% cloud cover, high tide, no swimmers, light breeze (5 knots) |
| Lindsey Hale PLH * (buoy) | 8:19am | 27.5 | 36.6 | 6.06 | 94.0 | 8.01 | 5.21 | 3.79 | 3.98 | 15% cloud cover, high tide, no swimmers, no one in water, can't see feet, looks like lot of sediment (buoy) |
| Lahaina Town PLT (tree) | 8:46am | 27.5 | 36.5 | 6.07 | 94.2 | 7.96 | 7.30 | 6.80 | 6.21 | 10% clouds, high tide, no swimmers, no one in water, 5 knots (wind), can't see feet. (tree) |
| Puamana PPU | | | | | | | 2.24 | 2.45 | 2.23 | surf & tide foamy |
| Launiupoko OLP | 9:10am | 27.8 | 36.7 | 6.26 | 97.8 | 7.97 | 2.24 | 2.45 | 2.23 | 10% cloud cover, high tide, no swimmers / surfers off to right, big surf 3-4 feet |
| Olowalu Shore Front OSF | 9:39 | 28.4 | 37.0 | 6.55 | 103.3 | 8.06 | 1.29 | 0.94 | 1.13 | 30% cloud cover, no one in water, 10 knot winds, calm water, aquamarine color |
| Turbidity Verification Pre: | Blank: 0.06 | Low: 0-10 | 5.58 | Med: 10-100 | 57.6 | High: 100-1000 | 617.0 | | | Comment |
| Post: | Blank: 0.08 | 0-10 | 5.55 | 10-100 | 57.7 | 100-1000 | 615.0 | | | |

COASTAL AND ENVIRONMENTAL CONDITION NOTES

Tide: 7:47 a.m. high tide 1.5 ft; 10:00 a.m. 1.3 ft falling; Lahaina station

Rain Conditions (general):

Cloud Cover:

Moon: 8

Hui O Ka Wai Ola, 7/10/2016

* These two locations are reversed - discovered issue (recorded in SS, reversed correctly) when team returned to lab, may have happened in 2 previous sessions

Wind conditions (general):

WATER QUALITY SAMPLING:

| Sample No | Location Name | Time | Vol (mL) | Nutrient Bottle? | SSC ? | Quality control notes | Grab sample? |
|---------------|---------------------|------|----------|------------------|-------|---|-------------------------------------|
| PFF160907-N-1 | 505 Front St | 7:48 | 125 | X | | Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters | <input checked="" type="checkbox"/> |
| PFF160907-S-1 | 505 Front St | | 500 | | X | | <input type="checkbox"/> |
| PLH160907-N-1 | Lindsey Hale | 8:19 | 125 | X | | Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters | <input checked="" type="checkbox"/> |
| PLH160907-S-1 | Lindsey Hale | 8:19 | 500 | | X | | <input checked="" type="checkbox"/> |
| PLT160907-N-1 | Lahaina Town | 8:46 | 125 | X | | Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters | <input checked="" type="checkbox"/> |
| PLT160907-S-1 | Lahaina Town | | 500 | | X | | <input type="checkbox"/> |
| PPU160907-N-1 | Puamana | | 125 | X | | Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters | <input type="checkbox"/> |
| PPU160907-S-1 | Puamana | | 500 | | X | | <input type="checkbox"/> |
| OLP160907-N-1 | Launiupoko | 9:10 | 125 | X | | Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters | <input checked="" type="checkbox"/> |
| OLP160907-S-1 | Launiupoko | | 500 | | X | | <input type="checkbox"/> |
| OSF160907-N-1 | Olowalu Shore Front | 9:39 | 125 | X | | Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters | <input checked="" type="checkbox"/> |
| OSF160907-S-1 | Olowalu Shore Front | | 500 | | X | | <input type="checkbox"/> |
| | | | | | | | <input type="checkbox"/> |
| PFF160907-N-2 | 505 | 7:48 | 125 | X | | Same as above - Duplicate | <input checked="" type="checkbox"/> |
| | | | | | | | <input type="checkbox"/> |
| | | | | | | | <input type="checkbox"/> |

correct →

replicate