

## POLANUI TEAM

2100Q: 2

HQ40D: 2

Samplers:

Cathy  
Jim  
Rich  
Alana

Sampler contact:

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Date and Time: 10/19/16

IN-SITU READINGS:

| Location Name               | Time           | Temp (C)     | Sal (ppt)               | DO (mg/L)      | DO Saturation (%) | pH                | Turbidity <sup>1</sup> (NTU) |      |      | Comments (Rain, swimmers, wind)   |
|-----------------------------|----------------|--------------|-------------------------|----------------|-------------------|-------------------|------------------------------|------|------|---|
| 505 Front Street PFF        | 8:21           | 27.1         | 33.5                    | 6.26           | 94.5%             | 8.09              | 7.16                         | 9.01 | 8.48 | Light breeze clouds=1<br>6" shore break   |
| Lindsey Hale PLH            | 8:51           | 27.2         | <del>34.0</del><br>34.0 | 6.12           | 92.9%             | 8.03              | 40.8                         | 42.2 | 39.1 | Light breeze < 3k<br>clouds=2 water darkish<br>6" shore break brown<br>2k+ smelled      |
| Lahaina Town PLT            | 9:13           | 27.5         | 33.9                    | 6.00           | 91.5%             | 7.98              | 39.9                         | 44.6 | 46.5 | Breeze < 3k<br>clouds=4<br>3" shore break<br>somewhat last 5 days<br>darkish / no smell |
| Puamana PPU                 | 9:40           | 27.7         | 34.6                    | 6.49           | 99.7%             | 8.15              | 5.46                         | 6.81 | 5.84 | Breeze 3k water a little brown<br>clouds=3 bucket on a pole<br>2 foot waves             |
| Launiupoko OLP              | 10:01          | 27.7         | 35.0                    | 6.28           | 96.7%             | 8.06              | 4.11                         | 4.57 | 4.37 | Breeze ~ 5k<br>clouds=3<br>1 ft, waves  |
| Olowalu Shore Front OSF     | 10:37          | 27.4         | 34.9                    | 6.65           | 102.0%            | 8.12              | 2.82                         | 3.15 | 2.85 | Breeze 10k<br>clouds=4<br>Flat  |
| Turbidity Verification Pre: | Blank:<br>0.1  | Low:<br>0-10 | 6.68                    | Med:<br>10-100 | 60.1              | High:<br>100-1000 | 557                          |      |      | Comment<br>0.2 ± on gelox   |
| Post:                       | Blank:<br>0.09 | 0-10         | 6.70                    | 10-100         | 59.4              | 100-1000          | 551                          |      |      |   |

COASTAL AND ENVIRONMENTAL CONDITION NOTES

Tide: 6:15 a.m. high tide 2.3 ft; 12:21 p.m. 0.8 ft Low Tide; Lahaina station

Rain Conditions (general): ☐

Cloud Cover: 1

Moon: 19

Hui O Ka Wai Ola, 7/10/2016

Wind conditions (general):

**WATER QUALITY SAMPLING:**

| Sample No     | Location Name       | Time  | Vol (mL) | Nutrient Bottle? | SSC ? | Quality control notes   | Grab sample?                        |
|---------------|---------------------|-------|----------|------------------|-------|---|-------------------------------------|
| PFF161019-N-1 | 505 Front St        | 8:21  | 125      | X                |       | Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters | <input checked="" type="checkbox"/> |
| PFF161019-S-1 | 505 Front St        |       | 500      |                  | X     |   | <input type="checkbox"/>            |
| PLH161019-N-1 | Lindsey Hale        | 8:51  | 125      | X                |       | Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters | <input checked="" type="checkbox"/> |
| PLH161019-S-1 | Lindsey Hale        | 8:51  | 500      |                  | X     |   | <input checked="" type="checkbox"/> |
| PLT161019-N-1 | Lahaina Town        | 9:13  | 125      | X                |       | Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters | <input checked="" type="checkbox"/> |
| PLT161019-S-1 | Lahaina Town        | 9:13  | 500      |                  | X     |   | <input checked="" type="checkbox"/> |
| PPU161019-N-1 | Puamana             | 9:40  | 125      | X                |       | Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters | <input checked="" type="checkbox"/> |
| PPU161019-S-1 | Puamana             |       | 500      |                  | X     |   | <input type="checkbox"/>            |
| OLP161019-N-1 | Launiupoko          | 10:01 | 125      | X                |       | Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters | <input checked="" type="checkbox"/> |
| OLP161019-S-1 | Launiupoko          |       | 500      |                  | X     |   | <input type="checkbox"/>            |
| OSF161019-N-1 | Olowalu Shore Front | 10:37 | 125      | X                |       | Washed, rinsed syringes; acid washed bottles; 0.2 um disposable filters | <input checked="" type="checkbox"/> |
| OSF161019-S-1 | Olowalu Shore Front |       | 500      |                  | X     |   | <input type="checkbox"/>            |
|               |                     |       |          |                  |       |   | <input type="checkbox"/>            |
|               |                     |       |          |                  |       |   | <input type="checkbox"/>            |
|               |                     |       |          |                  |       |   | <input type="checkbox"/>            |
|               |                     |       |          |                  |       |   | <input type="checkbox"/>            |