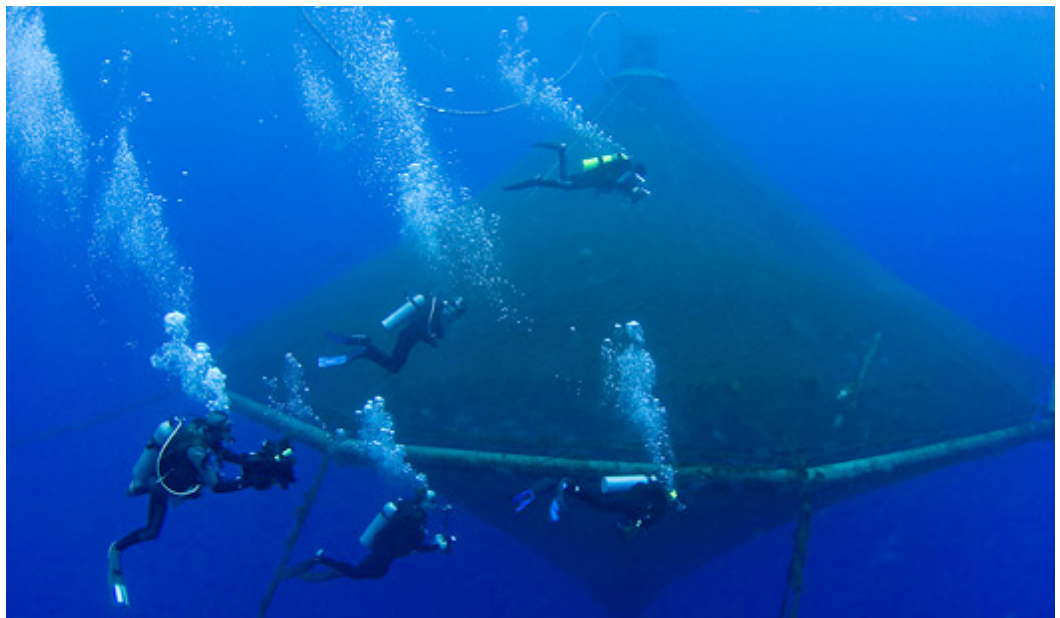




# BLUE OCEAN MARICULTURE



11/25/2025

Water Quality Monitoring – Nov. 2025

Prepared by



**MEGA Lab**  
UHH – CNHS  
200 W. Kawili St.  
Hilo, HI 96720

# BLUE OCEAN MARICULTURE

## WATER QUALITY MONITORING – NOV. 2025

### SAMPLING REPORT

**Survey Date:** 11/25/2025

**Client:** Blue Ocean Mariculture

**Current:** North

**Log Number:** BOM-WQ-NOV-2025

### Environmental Conditions

Effluent samples were collected adjacent to the net pen containing the highest biomass of fish. Sample collection occurred approximately 2-hours after a feeding event at a distance of 3-meters from the pen. The pen was partially raised prior to sampling. The water was clear with no evidence of high turbidity, discoloration, visible sheen, foam, solids, or floating debris near the pen during the sampling event.

Samples were collected during a dropping tide (2.0ft to 0.6ft) influenced by a 26% waxing moon. Conditions consisted of 1-2kt Southwest winds that stayed consistent throughout the sampling duration. A 1-2ft Northwest swell was present during sampling and stayed consistent throughout the entire sampling event. Overall, sea conditions were very calm with glassy conditions. Skies over the ocean and coastline were clear with no rainclouds visible at higher elevation above Kailua-Kona. The air had high levels of vog from the Kilauea geological activity. There were visible slicks at all sampling stations with moderate amounts visible particulates in the water. There were schools of baitfish and Ulua observed at the Effluent site.

A mild North current was evident during the time of sampling.



## Description of sampling methods

Water samples are collected at the monitoring sites monthly throughout the year. Monitoring sites are at the effluent discharge location near the pen containing the highest biomass of fish, four zone of mixing sites, and two control sites. Effluent samples are collected down current from the net pen containing the highest biomass at the surface, mid-pen, and bottom of the receiving water two hours after feeding. Surface samples are collected no less than 1 meter or more than 5 meters below the surface, and no farther than 10 meters down current from the net pen. Mid-pen samples are collected at the mid-pen depth no farther than one 1 meter down current from the net pen. Bottom samples are collected no less than 1 meter or more than five 5 meters above the sea floor, and no farther than 10 meters down current from the net pen. Zone of Mixing (ZOM) samples are collected down-current from the facility at the boundaries of the ZOM. Samples are collected at the north or south locations depending on the dominant current during the day of sampling. Samples are collected at the surface, mid-pen depth, and bottom of the receiving waters. Surface samples are collected not less than 1 meter or more than 5 meters below the surface. Bottom samples are collected not less than 1 meter nor more than 5 meters above the sea floor.

Water samples collected from the monitoring sites are filtered through pre-combusted (500° C, 6h) GF/F (Whatman) filters (pore size 0.7-µm), as well as directly collected for RAW samples. These water samples are transported to the laboratory on ice and stored at -20°C until analysis. Samples are analyzed for nitrate + nitrite (NO<sub>3</sub>- + NO<sub>2</sub>-), ammonium (NH<sub>4</sub>+), phosphate (PO<sub>4</sub>3-), total dissolved phosphorus (TDP), and total dissolved nitrogen (TDN). The nutrient values are measured using standard autoanalyzer methods. Inorganic nitrogen and phosphorus will be considered indirect measure of terrigenous effluents. Values recorded below the minimum detection limit (MDL) are presented as '<MDL.'. The MDL is calculated with analysis of seven of the same samples (Gravimetric Standard C4, 10, 100, 10, 10 ug/L for NH<sub>3</sub>, Si, PO<sub>4</sub>, NO<sub>3</sub>, and NO<sub>2</sub> respectively). These samples are analyzed in order to determine the standard deviation, which is multiplied by the degree of freedom in order to calculate the precise MDL. The gravimetric standards are analyzed throughout the runs to determine calibration drift. Copper values are determined with inductively coupled plasma—mass spectrometry (ICP-MS). Analytical mass and instrumental parameters are selected to ensure accurate and precise determination of copper by using known standards. Turbidity is measured for all samples collected from these locations using a turbidimeter. The turbidimeter is calibrated with known standards prior to analyzing the collected samples to ensure accuracy.

To characterize the conditions at each monitoring station during sampling events, physiochemical parameters (temperature, salinity, conductivity, dissolved oxygen concentration, dissolved oxygen percent saturation, pH) are measured on site using multi-parameter YSI and pH meters. The multi-parameter sonde sensors are calibrated prior to taking measurements using known standards.

## LABORATORY TEST RESULTS

| <u>ID</u> | <u>DATE</u> | <u>LAB ID</u> | Reported in µg/L                          |   |                       |            | <b>TDN</b> |
|-----------|-------------|---------------|---|---|-----------------------|------------|------------|
|           |             |               | <b>NO<sub>2</sub>+<br/>NO<sub>3</sub></b> | <b>NH<sub>3</sub>+<br/>NH<sub>4</sub></b> | <b>PO<sub>4</sub></b> | <b>TDP</b> |            |
|           |             | <b>MDL</b>    | <b>0.2</b>                                | <b>0.1</b>                                | <b>0.1</b>            | <b>0.1</b> | <b>0.2</b> |
| Z1B       | 11/25/25    | 31            | 0.30                                      | 0.48                                      | <MDL                  | 6.27       | 66.50      |
| Z1M       | 11/25/25    | 34            | 0.03                                      | <MDL                                      | <MDL                  | 6.75       | 64.28      |
| Z1S       | 11/25/25    | 35            | 0.43                                      | 0.63                                      | <MDL                  | 7.16       | 78.97      |
| Z2B       | 11/25/25    | 36            | 1.23                                      | 0.48                                      | <MDL                  | 7.35       | 72.42      |
| Z2M       | 11/25/25    | 37            | <MDL                                      | 0.52                                      | <MDL                  | 6.89       | 69.03      |
| Z2S       | 11/25/25    | 38            | 0.47                                      | 0.42                                      | <MDL                  | 6.87       | 82.48      |
| Z3B       | 11/25/25    | 43            | <MDL                                      | <MDL                                      | <MDL                  | 6.57       | 69.55      |
| Z3M       | 11/25/25    | 44            | <MDL                                      | 0.24                                      | <MDL                  | 6.91       | 68.05      |
| Z3S       | 11/25/25    | 45            | 0.29                                      | 0.45                                      | <MDL                  | 6.92       | 75.05      |
| Z4B       | 11/25/25    | 46            | <MDL                                      | 0.28                                      | <MDL                  | 6.39       | 67.85      |
| Z4M       | 11/25/25    | 47            | 0.21                                      | 0.52                                      | <MDL                  | 6.01       | 64.90      |
| Z4S       | 11/25/25    | 50            | 0.36                                      | 0.68                                      | <MDL                  | 7.30       | 79.74      |
| EB        | 11/25/25    | 59            | 0.87                                      | <MDL                                      | <MDL                  | 7.30       | 69.62      |
| EM        | 11/25/25    | 60            | 0.53                                      | <MDL                                      | <MDL                  | 7.33       | 68.71      |
| ES        | 11/25/25    | 61            | 0.72                                      | 0.53                                      | <MDL                  | 6.93       | 62.19      |
| C1B       | 11/25/25    | 51            | 0.34                                      | <MDL                                      | <MDL                  | 6.66       | 63.28      |
| C1M       | 11/25/25    | 52            | 0.36                                      | <MDL                                      | <MDL                  | 7.01       | 65.03      |
| C1S       | 11/25/25    | 53            | <MDL                                      | 0.62                                      | <MDL                  | 6.74       | 68.88      |
| C2B       | 11/25/25    | 54            | 0.72                                      | <MDL                                      | <MDL                  | 6.99       | 70.69      |
| C2M       | 11/25/25    | 57            | 0.46                                      | <MDL                                      | <MDL                  | 7.24       | 70.02      |
| C2S       | 11/25/25    | 58            | <MDL                                      | 0.21                                      | <MDL                  | 7.27       | 80.83      |



## LAB QUALITY CONTROL AND QUALITY ASSURANCE



## Natural Energy Laboratory

### Water Quality Laboratory

#### General

|                   |                                 |                  |                           |
|-------------------|---------------------------------|------------------|---------------------------|
| Name of Run       | BOM Offshore Fish Cages Novembe | Name of Analysis | Low Level Ocean Curve R2. |
| Date of Report    | 11/28/2025                      | System           | SEAL CFA System           |
| Run Start         | 11/26/2025 9:52:19 AM           | Run Stop         | 12:31:14 PM               |
| Operator Run/Rec. |                                 | Software Version | AACE 8.06 alpha30         |
| Comment           |                                 |                  |                           |

#### Parameters

| Channel        | 1             | 2             | 3             | 4             |          |
|----------------|---------------|---------------|---------------|---------------|----------|
| Method         | Nitrate       | Silicate      | Phosphate     | Ammonia       | Dilution |
| Unit           | µg/L          | µg/L          | µg/L          | µg/L          |          |
| Calib. Fit     | Linear        | Linear        | Linear        | Linear        |          |
| Corr.Coeff.(r) | 1.0000        | 1.0000        | 0.9999        | 0.9998        |          |
| Gain           | 48            | 49            | 354           | 585           | Data     |
| Offset         | -332          | 1274          | 4849          | -2491         | Field    |
| Sensitivity    | <b>0.1636</b> | <b>0.1619</b> | <b>0.0232</b> | <b>0.0118</b> | #2       |
| Sample Limit 1 | -             | -             | -             | -             |          |
| Sample Limit 2 | -             | -             | -             | -             |          |

#### Results

| PK | Cup | Type | Sample ID         | Value  | Value   | Value  | Value  | Data |
|----|-----|------|-------------------|--------|---------|--------|--------|------|
| 0  | 0   | B    | Initial Base      | 0.00   | 0.00    | 0.00   | 0.00   | 0    |
| 1  | 921 | P    | Primer            | 0.00   | 0.00    | 0.00   | 0.00   | 1    |
| 2  | 921 | D    | Drift             | 0.00   | 0.00    | 0.00   | 0.00   | 1    |
| 3  | 901 | C    | Calibration Blank | 0.00   | 0.00    | 0.00   | 0.00   | 1    |
| 4  | 902 | C    | Calibration 1%    | 1.00   | 10.00   | 0.62   | 0.70   | 1    |
| 5  | 903 | C    | Calibration 2.5%  | 2.50   | 25.00   | 1.55   | 1.75   | 1    |
| 6  | 904 | C    | Calibration 5%    | 5.00   | 50.00   | 3.10   | 3.50   | 1    |
| 7  | 905 | C    | Calibration 12.5% | 12.50  | 125.00  | 7.75   | 8.75   | 1    |
| 8  | 906 | C    | Calibration 25%   | 25.00  | 250.00  | 15.50  | 17.50  | 1    |
| 9  | 907 | C    | Calibration 50%   | 50.00  | 500.00  | 31.00  | 35.00  | 1    |
| 10 | 908 | C    | Calibration 75%   | 75.00  | 750.00  | 46.50  | 52.50  | 1    |
| 11 | 909 | C    | Calibration 100%  | 100.00 | 1000.00 | 62.00  | 70.00  | 1    |
| 12 | 0   | B    | Baseline          | 0.00Z  | 0.00Z   | 0.00Z  | 0.00Z  | 1    |
| 13 | 921 | D    | Drift             | 99.76  | 998.50  | 61.48  | 70.64  | 1    |
| 14 | 921 | H1   | Carryover High    | 99.90  | 999.02  | 61.71  | 71.34  | 1    |
| 15 | 922 | L1   | Carryover Low     | 1.25   | 11.56   | 0.63   | 0.10   | 1    |
| 16 | 922 | L1   | Carryover Low     | 1.10   | 11.17   | 0.17   | 0.00Z  | 1    |
| 17 | 919 | QC1  | Low Check Std     | 22.93P | 254.85P | 15.25P | 16.83P | 1    |
| 18 | 920 | QC2  | High Check Std    | 69.26P | 746.00P | 46.27P | 50.66P | 1    |
| 63 | 919 | QC1  | Low Check Std     | 23.78P | 291.78P | 16.49P | 16.99P | 1    |
| 64 | 920 | QC2  | High Check Std    | 70.65P | 770.89P | 47.68P | 50.67P | 1    |
| 65 | 0   | B    | Baseline          | 0.22   | 0.00Z   | 0.66   | 0.00Z  | 1    |
| 66 | 921 | D    | Drift             | 102.14 | 1008.00 | 62.91  | 71.64  | 1    |
| 67 | 0   | B    | Final Base        | 0.00   | 0.00    | 0.00   | 0.00   | 1    |

#### Corrections

| Channel   | 1    | 2    | 3    | 4    |
|-----------|------|------|------|------|
| Baseline  | none | none | none | none |
| Drift     | none | none | none | none |
| Carryover | none | none | none | none |
| %         | 0.00 | 0.00 | 0.00 | 0.00 |



## GRAB SAMPLE RESULTS

| <u>Sample ID</u> | <u>Time</u> | <u>Date</u> | <u>Dissolved Oxygen</u> | <u>Dissolved Oxygen</u> | <u>Temperature</u> |
|------------------|-------------|-------------|-------------------------|-------------------------|--------------------|
| Z1B              | 8:51        | 11/25/25    | 6.46                    | 96.04                   | 81.14              |
| Z1M              | 8:58        | 11/25/25    | 6.56                    | 95.91                   | 81.14              |
| Z1S              | 9:02        | 11/25/25    | 6.53                    | 95.16                   | 81.32              |
| Z2B              | 9:13        | 11/25/25    | 6.70                    | 95.99                   | 81.14              |
| Z2M              | 9:16        | 11/25/25    | 6.43                    | 96.00                   | 81.14              |
| Z2S              | 9:18        | 11/25/25    | 6.68                    | 95.15                   | 81.32              |
| Z3B              | 9:27        | 11/25/25    | 6.52                    | 94.89                   | 81.14              |
| Z3M              | 9:32        | 11/25/25    | 6.59                    | 95.47                   | 81.14              |
| Z3S              | 9:33        | 11/25/25    | 6.56                    | 94.54                   | 81.32              |
| Z4B              | 9:44        | 11/25/25    | 6.72                    | 95.94                   | 81.14              |
| Z4M              | 9:51        | 11/25/25    | 6.72                    | 94.95                   | 81.14              |
| Z4S              | 9:52        | 11/25/25    | 6.61                    | 96.03                   | 81.32              |
| EB               | 10:09       | 11/25/25    | 6.69                    | 95.35                   | 81.14              |
| EM               | 10:16       | 11/25/25    | 6.51                    | 95.74                   | 81.14              |
| ES               | 10:21       | 11/25/25    | 6.66                    | 94.48                   | 81.32              |
| C1B              | 10:32       | 11/25/25    | 6.75                    | 94.78                   | 81.14              |
| C1M              | 10:36       | 11/25/25    | 6.71                    | 94.66                   | 81.14              |
| C1S              | 10:38       | 11/25/25    | 6.54                    | 96.26                   | 81.32              |
| C2B              | 10:50       | 11/25/25    | 6.58                    | 95.00                   | 81.14              |
| C2M              | 10:58       | 11/25/25    | 6.59                    | 95.40                   | 81.14              |
| C2S              | 11:02       | 11/25/25    | 6.56                    | 95.56                   | 81.32              |
| Units            |             |             | mg/mL                   | % Saturation            | Fahrenheit         |
| DL               |             |             | 0.01                    | 0.01                    | 0.01               |



## GRAB SAMPLE RESULTS

| <u>Sample ID</u> | <u>Time</u> | <u>Date</u> | <u>pH</u> | <u>Salinity</u> | <u>Turbidity</u> |
|------------------|-------------|-------------|-----------|-----------------|------------------|
| Z1B              | 8:51        | 11/25/25    | 8.10      | 35.40           | 0.06             |
| Z1M              | 8:58        | 11/25/25    | 8.10      | 35.38           | 0.10             |
| Z1S              | 9:02        | 11/25/25    | 8.10      | 35.34           | 0.11             |
| Z2B              | 9:13        | 11/25/25    | 8.10      | 35.36           | 0.08             |
| Z2M              | 9:16        | 11/25/25    | 8.10      | 35.36           | 0.09             |
| Z2S              | 9:18        | 11/25/25    | 8.10      | 35.35           | 0.14             |
| Z3B              | 9:27        | 11/25/25    | 8.10      | 35.39           | 0.07             |
| Z3M              | 9:32        | 11/25/25    | 8.10      | 35.33           | 0.19             |
| Z3S              | 9:33        | 11/25/25    | 8.10      | 35.34           | 0.33             |
| Z4B              | 9:44        | 11/25/25    | 8.10      | 35.38           | 0.09             |
| Z4M              | 9:51        | 11/25/25    | 8.10      | 35.33           | 0.10             |
| Z4S              | 9:52        | 11/25/25    | 8.10      | 35.37           | 0.31             |
| EB               | 10:09       | 11/25/25    | 8.10      | 35.32           | 0.08             |
| EM               | 10:16       | 11/25/25    | 8.10      | 35.34           | 0.10             |
| ES               | 10:21       | 11/25/25    | 8.10      | 35.33           | 0.22             |
| C1B              | 10:32       | 11/25/25    | 8.10      | 35.40           | 0.09             |
| C1M              | 10:36       | 11/25/25    | 8.10      | 35.40           | 0.18             |
| C1S              | 10:38       | 11/25/25    | 8.10      | 35.33           | 0.11             |
| C2B              | 10:50       | 11/25/25    | 8.10      | 35.30           | 0.20             |
| C2M              | 10:58       | 11/25/25    | 8.10      | 35.34           | 0.25             |
| C2S              | 11:02       | 11/25/25    | 8.10      | 35.33           | 0.08             |
| Units            |             |             |           | PPT             | NTU              |
| DL               |             |             | 0.01      | 0.01            | 0.01             |



## ICP RESULTS

Burns2025 (6)

251211

n.a.: below MDL (method detection limit)

e: eliminated (over calibration range, failed qc, interference, etc)

Primary: Primary/preferred wavelength for elements measured at multiple wavelengths

IS: internal standard, yttrium

Note:

Analysys: IG,NS

|        |     | Primary<br>ppb<br>Cu3247 | Primary<br>ppb<br>Se1960 | Primary<br>ppb<br>Zn2062 | Comments |
|--------|-----|--------------------------|--------------------------|--------------------------|----------|
|        | MDL | 2.9                      | 2                        | 4                        |          |
| Nov-C  |     | n.a.                     | n.a.                     | n.a.                     |          |
| Nov-EB |     | n.a.                     | n.a.                     | 4.198                    |          |
| Nov-EM |     | n.a.                     | n.a.                     | 19.42                    |          |
| Nov-ES |     | n.a.                     | n.a.                     | 7.699                    |          |





## ICP QA/QC

|        |        |        |        |        |        |        |        |        |        |        |        | Y_2243    | Y_3710 |        |        |                              |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----------|--------|--------|--------|------------------------------|
|        |        |        |        |        |        |        |        |        |        |        |        | Sept-ES   | 2476.7 | 2807.2 |        |                              |
|        |        |        |        |        |        |        |        |        |        |        |        | Sept-EM   | 2478.1 | 2824.9 |        |                              |
|        |        |        |        |        |        |        |        |        |        |        |        | Sept-ES   | 2484.9 | 2874.9 |        |                              |
|        |        |        |        |        |        |        |        |        |        |        |        | Oct-ES    | 2486.9 | 2883.7 |        |                              |
|        |        |        |        |        |        |        |        |        |        |        |        | Oct-EM    | 2489.2 | 2846.3 |        |                              |
|        |        |        |        |        |        |        |        |        |        |        |        | Oct-ES    | 2481.4 | 2880.5 |        |                              |
|        |        |        |        |        |        |        |        |        |        |        |        | MeanIS_SW | 2482.9 | 2852.9 |        |                              |
|        | Ag3280 | Ag3382 | As1890 | As1937 | Cr2055 | Cr2677 | Cr2835 | Cu2247 | Cu3247 | Se1960 | Se2039 | Y_2243    | Y_3710 | Zn2062 | Zn2138 |                              |
| MDL1   | 0.5698 | 0.9961 | 9.297  | 8.367  | 1.577  | 1.885  | 0.7865 | 6.948  | 9.779  | 4.055  | 5.749  | 4070.8    | 3566   | 9.873  | 9.674  | *Zn background contamination |
| MDL2   | 0.5804 | 0.7866 | 8.951  | 7.801  | 1.502  | 1.768  | 0.5203 | 4.023  | 9.129  | 4.842  | 3.943  | 4108.7    | 3549.3 | 3.774  | 3.588  |                              |
| MDL3   | 0.7971 | 0.7996 | 9.41   | 8.458  | 1.541  | 1.993  | 0.7386 | 2.567  | 10.46  | 4.868  | 2.069  | 4123.2    | 3538.4 | 3.07   | 2.853  |                              |
| MDL4   | 0.7443 | 0.8875 | 9.74   | 7.051  | 1.582  | 2.097  | 0.4002 | 3.924  | 10.96  | 5.304  | 5.58   | 4123.7    | 3563.1 | 3.071  | 2.776  |                              |
| MDL5   | 1.025  | 0.8257 | 10.62  | 7.566  | 1.679  | 2.031  | 0.7028 | 2.359  | 10.93  | 4.796  | 4.317  | 4123.4    | 3512.5 | 3.049  | 2.784  |                              |
| MDL6   | 1.101  | 0.8551 | 9.935  | 7.632  | 1.528  | 1.957  | 0.507  | 1.713  | 10.63  | 4.861  | 4.809  | 4142      | 3533.2 | 3.346  | 3.03   |                              |
| MDL7   | 0.841  | 1.129  | 10.65  | 7.393  | 1.538  | 1.948  | 0.581  | 0.7272 | 9.664  | 4.686  | 5.251  | 4124.9    | 3528.5 | 3.275  | 3.026  |                              |
|        |        |        |        |        |        |        |        |        |        |        | MeanIS | 4116.7    | 3541.6 |        |        |                              |
| SD     | 0.2028 | 0.124  | 0.651  | 0.508  | 0.0578 | 0.1059 | 0.1412 | 2.0281 | 0.7037 | 0.3713 | 1.2671 |           |        |        |        |                              |
| MDL    | 0.7    | 0.4    | 2.1    | 1.6    | 0.2    | 0.4    | 0.5    | 6.4    | 2.3    | 1.2    | 4      |           |        |        |        |                              |
| MDL_SW | 0.9    | 0.5    | 3.5    | 2.7    | 0.4    | 0.5    | 0.7    | 10.7   | 2.9    | 2      | 6.7    |           |        | 4      | 4      |                              |

Please call if you have any questions regarding the water quality monitoring report.

Sincerely,

A handwritten signature in black ink, appearing to read 'John Burns', with a stylized flourish extending to the right.

John Burns, Ph.D.  
Associate Professor - Marine Science and Data Science  
University of Hawai'i at Hilo  
200 W. Kawili St.  
Hilo, HI 96720



Natural Energy Laboratory  
of Hawaii Authority  
Water Quality Laboratory

### Sample Chain of Custody

73-4460 Queen Kaahumanu Hwy, #101, Kailua-Kona, HI 96740  
808-327-9585 <http://nelha.hawaii.gov>

|                               |                            |
|-------------------------------|----------------------------|
| Client Name: <u>BOM</u>       | Phone: <u>808-854-4057</u> |
| Address: _____                | Fax: _____                 |
| Contact Name: <u>J. Burns</u> | Email: _____               |

|  |
|--|
| Project Information: <u>Monthly water quality monitoring</u> |
| Project Location: <u>Keahole Point</u>                       |
| Turn-Around Time: <u>5-10days</u>                            |
| Notes: _____   |

| Sample ID | Collection |      | Sample Matrix | Sampler's Initials | Test(s) Requested:      | Bottle Quantity | Comments / Field Data: |
|-----------|------------|------|---------------|--------------------|-------------------------|-----------------|------------------------|
|           | Date       | Time |               |                    |                         |                 |                        |
| E, ZOM, C | 11/25/25   | 8:51 | O             | JB                 | Nutrients and turbidity | 21              |                        |
|           |            |      |               |                    |                         |                 |                        |
|           |            |      |               |                    |                         |                 |                        |
|           |            |      |               |                    |                         |                 |                        |
|           |            |      |               |                    |                         |                 |                        |
|           |            |      |               |                    |                         |                 |                        |
|           |            |      |               |                    |                         |                 |                        |
|           |            |      |               |                    |                         |                 |                        |
|           |            |      |               |                    |                         |                 |                        |
|           |            |      |               |                    |                         |                 |                        |
|           |            |      |               |                    |                         |                 |                        |
|           |            |      |               |                    |                         |                 |                        |
|           |            |      |               |                    |                         |                 |                        |
|           |            |      |               |                    |                         |                 |                        |

| Relinquished By: | Date/Time      | Received By: | Date/Time      | Temp °C: | Matrix Key:  |
|------------------|----------------|--------------|----------------|----------|--|
| J. Burns         | 11/25/25 12:30 |              | 11/25/25 12:50 | 8.0      | E = effluent<br>GW = groundwater<br>O = ocean water<br>X = other/unknown |
|                  |                |              |                |          |  |
|                  |                |              |                |          |  |