

Water Quality Data Entry Directions

1. Log in at <http://monitoring.coral.org/> Click “Log in to enter data” if you don’t have a login name and password contact monitoring@coral.org
2. Click ‘create a report’ tab
3. Title in this format WQ_yy.mm.dd_Sitename
 - a. Fishpond, Kalama, Haycroft, Waiala (ahihi)
 - b. Example: WQ_10.03.23_fishpond
4. Enter on first page
 - a. Estimated hours for water quality observers is 2 hours
 - b. Estimated mileage is
 - i. Kalama/-2mi
 - ii. Maalaea/Haycroft-13mi
 - iii. Waiala Ahihi- 25mi
5. Click Save and go to next

OUTING INFORMATION.

Select appropriate values in drop-down boxes, mandatory data boxes are denoted by a “*”

Please note links are available for assistance in determining rainfall, lunar phase and watersheds

Entering the Lunar Phase

We record the lunar phase by quarters (Only full moon, new moon first and third quarter events are listed on the link.)

Please note:

1st Quarter = Period of time from after the New moon to the 1st quarter event.

2nd Quarter = Period of time from after 1st quarter event to the full moon event.

3rd Quarter = Period of time from after full moon to the 3rd quarter event.

4th Quarter = Period of time from after 3rd quarter event to the new moon.

Waxing Moon

Waning Moon

Watersheds- Refer to watershed map link for additional watershed denotations

South Makawao Watersheds

Kalama and fishpond- *Hapapa watershed*

Waiala cove/Ahihi- *Ahihi Kinau watershed*

Maalaea/Haycroft- *Pohakea watershed*

Rainfall Data

Please list rainfall data if data entry is occurring within 90 days (Archive data is difficult to access and interpret)

Click on Rainfall Summary Gage Location Maps: Maui, to see gauge locations

Ahihi- Gauge #'s: KBSH1 (Kula Branch Stn), ULUH1 (Ulupalakua Branch Stn)

Kalama -Gauge #: KBSH1 and KHIH1 (Kihei 2)

Fishpond -Gauge # KBSH1 and KHIH1

Maalaea – Gauge # WCCH1 (Waikapu country club)

If all applicable data is entered click 'save outing information'

Visual Assessment, Basic Water Quality and Bacteria Data Entry

*Note that these topics are arranged in tabs under 'water quality surveys' Please save you entries by clicking the 'continue to' button at the bottom of the page before you use the tabs or all your data will be lost!

Visual Assessment:

- Fill in the appropriate descriptors, if you have more than one condition to enter per category then enter it into "other description" box or in the preceding large 'description'/notes box.
- If no data was recorded please highlight 'not recorded' in each box.
- Click 'Continue to basic'

Basic Water Quality

- Scroll down through the outing information
- Select name of sampler and enter sample number, time, depth etc.
- When entering the actual measurement please always select proper instrumentation used and units that the instrument uses.
- If not measured please select "not measured".
- Click 'continue to bacteria'

Bacteria

- Scroll down through the outing information
- Select name of sampler, collection time, depth etc
- Enter all of the data
- If MPN are not calculated got to the following link for a table
http://www.idexx.com/pubwebresources/pdf/en_us/water/qt97mpntable.pdf
- Confidence intervals are not required but are useful. MPN generator program with confidence intervals is found at http://www.idexx.com/view/xhtml/en_us/water/quantitray/mpn-generator.jsf
- A field blank is a blank that was generated in the field with DI water and treated as a sample exposed to field and lab procedures
- A lab blank is taken in the lab and not exposed to any field procedures
- Click 'save, done entering information'

You may now create a new entry!