

CORE ENVIRONMENTAL MONITORING FORM

PLEASE PRINT LEGIBLY

Sample Date

0	5	2	6	2	0	2	3
M	M	D	D	Y	Y	Y	Y

Sample Time (military)

0	7	5	0
H	H	M	M

Citizen Scientist's Name

Jim Miller

Site Description

Blue Hole

Group or Affiliation

HCMN

Site ID #

8104115

Sample Depth (meters)

1	1	5	0
(not total depth)			

Core monitoring type conducted

 Standard Core Probe Core Other

Instrument Calibration: Conducted within 24 hours of sampling. Store standard solutions and calibrate at room temperature.

Calibration	Date	Time	Standard Value	Standard Temp (°C)	Pre-Test Calibration Initial Reading	Calibrated To	Post-Test Calibration Initial Reading
Conductivity/Salinity	5-25-23		1413	28°	1368	1413	
Dissolved Oxygen			101.7		38.3	101.7	
pH			7.00		7.01	6.99	

Field Observations:

- 1 FLOW SEVERITY: 1-no flow 2-low 3-normal 4-flood 5-high 6-dry
- 1 ALGAE: 1-absent 2-rare (<25%) 3-common (26-50%) 4-abundant (51-75%) 5-dominant (>75%)
- 1 WATER SURFACE: 1-clear 2-scum 3-foam 4-debris 5-sheen
- 1 WATER CONDITIONS: 1-calm 2-ripples 3-waves 4-white caps
- 1 PRESENT WEATHER: 1-clear 2-cloudy 3-overcast 4-rain
- 3 DAYS SINCE LAST SIGNIFICANT PRECIPITATION (runoff)
- 1.05" RAINFALL ACCUMULATION (inches within the last 3 days)
- 2 WATER COLOR: 1-no color 2-light green 3-dark green 4-tan 5-red 6-green/brown 7-black
- 1 WATER CLARITY: 1-clear 2-cloudy 3-turbid
- 1 WATER ODOR: 1-none 2-oil 3-acrid (pungent) 4-sewage 5-rotten egg 6-fishy 7-musky

Core Tests and Measurements:

- 19 AIR TEMPERATURE (°C)
- SECCHI DISC TRANSPARENCY (meters)
Average Disappears _____ Appears _____
- >2 TOTAL DEPTH (meters)
- TRANSPARENCY TUBE (meters)
- 21 WATER TEMPERATURE (°C)
- 60.1 CONDUCTIVITY (µS/cm)
- 6.23 DISSOLVED OXYGEN (mg/L)
Average 1st titration _____ 2nd titration _____
- 6.99 pH (standard units)

Presence of Litter:

MONOFILAMENT REMOVED
Amount (please circle): 0-5 ft 6-15 ft 16 ft+

NURDLE SURVEY

TRASH REMOVED

Please check Yes or No

Yes No

Yes No

Yes No

Coastal Area Salinity Tests and Observations:

SALINITY (ppt)

TIDE STAGE: 1-low 2-falling 3-slack 4-rising 5-high

Comments:

E. coli 33.3 CFU

TOTAL TIME SPENT SAMPLING AND TRAVELING

60 Minutes

TOTAL ROUNDTRIP DISTANCE TRAVELED

6 Miles

TOTAL NUMBER OF PARTICIPANTS

1

I certify that all procedures, including the items listed in the Quality Control Checklist on the following page and in the manual, have been followed.

Jim Miller
CERTIFIED CITIZEN SCIENTIST'S SIGNATURE

5-27-23
DATE