

Table 1 Physico-Chemical Parameters of stations 1-4 in Asarama community in Andoni Local Government Area of River State, Nigeria indicates the range and the mean (i.e. Station 1= Control, Station 2= Nypa palm, Station 3= Rhizophora, Station 4= mixed)

| Parameters | STATIONS | | | | P -value |
|------------------|------------------|----------------|----------------|----------------|-----------|
| | 1 (Mean ± SE) | 2 Mean ± SE | 3 Mean ± SE | 4 Mean ± SE | |
| pH | 6.03-7.54 | 6.0-7.67 | 6.3-7.66 | 5.9-7.55 | P > 0.05 |
| | 6.89±0.06 | 7.18±0.07 | 6.97±0.05 | 6.93±0.07 | |
| Temperature (°C) | 25.0-32.80 | 25.3-32.9 | 25.0-32.3 | 25.0-32.8 | P > 0.05 |
| | 28.18±0.35 | 28.39±0.31 | 28.06±0.33 | 28.16±0.34 | |
| Salinity (‰) | 9.8-12.6 | 9.9-13.0 | 9.8-12.7 | 9.7-13.3 | P < 0.05* |
| | 10.91±0.14 | 10.74±0.17 | 10.72±0.15 | 10.67±0.16 | |
| DO (mg/L) | 1.5-6.6 | 3.0-6.3 | 4.0-6.3 | 3.0-6.4 | P > 0.05 |
| | 4.46±0.23 | 4.66±0.15 | 4.88±0.10 | 4.83±0.17 | |
| TDS (mg/L) | 8.92-18.24 | 8.85-19.31 | 8.93-21.21 | 6.41-19.88 | P > 0.05 |
| | 13.22±0.43 | 13.77±0.53 | 13.69±0.57 | 13.13±0.65 | |
| Conductivity | 16.38-22.8 | 17.6-23.0 | 17.85-22.55 | 17.45-21.34 | P > 0.05 |
| | 19.12±0.27 | 19.74±0.25 | 19.83±0.26 | 19.38±0.18 | |

Note: *Significant