# EXTRACT FROM ENVIRONMENTAL MONITORING REPORT FOR SAMLING'S KUALA BARAM FOREST PLANTATION

## Latest Result of River Water Quality Analysis - Kuala Baram

| Parameter | Compliance Limits* | EIA Baseline | | 3rd Quarter 2023 | | 4th Quarter 2023 | | Remarks & Recommendations |
|---|---|---|---|---|---|---|---|---|
| | | WS1 | WS2 | SKB1 | SKB2 | SKB1 | SKB2 | |
| | | Batang Baram | Batang Baram | | | | | |
| pH (*in situ)* | 6.0-9.0 | 6.2 | 7.1 | 3.8 | 3.7 | 4.1 | 3.9 | These levels were natural for peat water. |
| DO (in situ) | 5-7 mg/l | 4.3 | 5.1 | 3.7 | 3.1 | 3.9 | 3.2 | |
| BOD | 3 mg/l | 2.5 | 2.2 | 20 | 24 | 27 | 47 | The COD and BOD levels were moderately high. Also typical for peat areas. |
| COD | 25 mg/l | 28.3 | 30.1 | 130 | 122 | 136 | 239 | |
| TSS | 50 mg/l | 681 | 94 | 2 | 2 | 2 | 44 | The readings were within Class IB limit |
| Ammoniacal-N | 0.3 mg/l | ND | ND | 0.27 | 0.28 | 0.28 | 0.29 | The readings were within Class IB limit |
| Nitrate-N | 7 mg/l | 0.01 | 0.01 | 1.00 | 1.20 | 1.00 | 1.20 | The readings were within Class IB limit |
| Total phosphorus | 0.10 mg/l | 0.13 | 0.17 | 0.07 | 0.09 | 0.08 | 0.09 | The readings were within Class IB limit |
| TCC | 5,000 MPN/100ml | 336 | 90 | 920 | 1600 | 920 | 920 | The readings were within Class IB limit |
| TFC | 400 MPN/100ml | 336 | 29 | 22 | 33 | 49 | 220 | The readings were within Class IB limit |

** Compliance limits are extracted from Class IIB of the National Water Quality Standards for Malaysia (NWQSM)*

*Values underlined had exceeded the Class IIB compliance limits. ND - Not Detected*