

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 (<i>in situ</i>) | 6.0-9.0 | 6.2 | 7.1 | <u>3.8</u> | <u>3.7</u> | <u>4.1</u> | <u>3.9</u> | These levels were natural for peat water. |
| DO (<i>in situ</i>) | 5-7 mg/l | <u>4.3</u> | <u>5.1</u> | <u>3.7</u> | <u>3.1</u> | <u>3.9</u> | <u>3.2</u> | |
| BOD | 3 mg/l | 2.5 | 2.2 | <u>20</u> | <u>24</u> | <u>27</u> | <u>47</u> | The COD and BOD levels were moderately high. Also typical for peat areas. |
| COD | 25 mg/l | 28.3 | 30.1 | <u>130</u> | <u>122</u> | <u>136</u> | <u>239</u> | |
| TSS | 50 mg/l | <u>681</u> | <u>94</u> | 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 | <u>0.13</u> | <u>0.17</u> | 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