

CHARACTERISTICS OF PALM OIL MILL EFFLUENT

Components	mg litre ⁻¹
pH	4.7 (no unit)
Oil and grease	4 000
Biochemical oxygen demand	25 000
Chemical oxygen demand	50 000
Total solid	40 500
Suspended solid	18 000
Total volatile solid	34 000
Ammoniacal nitrogen	35
Total nitrogen	750
Phosphorous	18
Potassium	2 270
Magnesium	615
Calcium	439
Boron	7.6
Iron	46.5
Manganese	2.0
Copper	0.89
Zin	2.3

Note: All parameters in mg litre⁻¹ or ppm except pH that has no unit.
Source: Ma and Ong (1999). Oil Palm and Environment: A Malaysian Perspective.
Malaysian Oil Palm Growers Council. p.115.