

LAW # 48 FOR THE YEAR 1982

TECHART HF2
STANDARDS

LAW 48

CRITERIA & SPECIFICATIONS FOR WATERWAYS WHERE SEWAGE IS DISPOSED OFF

DESCRIPTION	CONCENTRATION
Temperature	5 degrees above prevailing temp.
pH	7-8.5
Color	100 (units)
TDS	500
Dissolved Oxygen	5
BOD	6
COD	10
Nitrogen	1
Ammonia	0.5
Oil and grease	0.1
Alkalinity	20-150
Sulfides	200
Mercury	0.001
Iron	1
Nitrates	45
Phenolates	0.02
Fluorides	0.5
Mercury	0.5
Lead	0.001
Cadmium	0.01
Arsenic	0.05
Chromium	0.05
Copper	1
Manganese	0.5
Zinc	1
Cyanide	0.05
Detergents	0.5
Selenium	0.01

LAW # 48 FOR THE YEAR 1982
CRITERIA & SPECIFICATIONS FOR EFFLUENTS

DESCRIPTION	River Nile	Branches / Canals /Ground-water.
Temperature	35	35
pH	6 - 9	6 - 9
Color	None	None
TDS	1200	800
TDS (ash)	1100	700
BOD	40	30
COD	15	10
Suspended matter	30	30
Sulfides	1	1
Oil and grease	5	5
Phosphates (inorganic)	1	1
Phenolates	0.002	0.001
Fluorides	0.5	0.5
Iron	1	1
Mercury	0.001	0.5
Lead	0.05	0.05
Cadmium	0.01	0.01
Arsenic	0.05	0.05
Chromium	0.05	0.05
Copper	1	1
Manganese	0.5	0.5
Zinc	1	1
Colons (100 m ³)	2500	2500
Detergents	0.5	0.5

LAW # 48 FOR THE YEAR 1982

CRITERIA & SPECIFICATIONS FOR EFFLUENTS (For Quantities less than 100 m³ per Day)

DESCRIPTION	River Nile	Branches / Canals /Ground-water.
Temperature	35	35
pH	6 - 9	6 - 9
Color	None	None
TDS	1500	1000
TDS (ash)	1000	900
BOD	40	30
COD	60	40
Suspended Matter	40	30
Sulfides	1	1
Oil and grease	10	10
Nitrates	40	30
Phosphates (inorganic)	1	1
Phenolates	0.005	0.002
Fluorides	0.5	0.5
Iron	1	1
Mercury	0.001	0.5
Lead	0.05	0.05
Cadmium	0.01	0.01
Arsenic	0.05	0.05
Chromium	0.05	0.05
Copper	1	1
Manganese	0.5	0.5
Zinc	1	1
Colons (100 m3)	2500	2500
Detergents	0.5	0.5

LAW # 48 FOR THE YEAR 1982

CRITERIA & SPECIFICATIONS FOR WATERWAYS BEFORE GOING INTO THE FRESH WATER WATERWAYS

DESCRIPTION	CONCENTRATION
Temperature	5 degrees above prevailing temp.
pH	7-8.5
Color	100 (units)
TDS	500
Dissolved Oxygen	5
BOD	10
COD	6
Nitrogen	1
Ammonia	0.5
Phosphates	1
Oil and grease	1
Alkalinity	50-200
Sulfides	200
Mercury	0.001
Iron	1
Nitrates	45
Phenolates	0.02
Fluorides	0.5
Lead	0.001
Cadmium	0.01
Arsenic	0.05
Chromium	0.05
Copper	1
Manganese	0.5
Zinc	1
Cyanide	0.1
Detergents	0.5
Colons (100 cm3)	5000

LAW # 48 FOR THE YEAR 1982

CRITERIA & SPECIFICATIONS FOR WATERWAYS BEFORE GOING INTO THE NON-FRESH WATERWAYS

DESCRIPTION	DOMESTIC	INDUSTRIAL
Temperature	35	35
pH	6 - 9	6 - 9
Color	None	None
DO	4	-
TDS	2000	2000
BOD	60	60
COD (Permanganate)	40	50
COD (Dichromate)	80	100
Suspended Matter	50	50
Sulfides	1	1
Oil and grease	10	10
Nitrates	50	40
Phosphates (inorganic)		1
Phenolates	-	0.005
Fluorides	-	0.5
Cyanide	-	0.1
Heavy Metals (total)	1	1
Pesticides	-	-
Colons (100 m3)	5000	5000

LAW # 48 FOR THE YEAR 1982

CRITERIA & SPECIFICATIONS FOR NON-FRESH WATER BODIES

DESCRIPTION	CONCENTRATION
Temperature	5 degrees above prevailing temp.
pH	7-8.5
TDS	650
Dissolved Oxygen	4
Turbidity	50 Units
Phenolates	0.05
Detergents	0.5
Colons (100 cm3)	5000

