

Hasil Evaluasi Status Mutu Air Dengan Metode Index Pencemaran
Dihitung Dengan Acuan Standar Klas II

Sungai: Cimuntur

Kode Stasiun: cmt02

Tanggal : 9/19/2016

Parameter	Hasil Pengukuran	Standar Klas II	Index Pencemaran
Temperatur (c)	30.5		
DHL (mhos/Cm)	73.5000		
Kekeruhan (NTU)	47.4400		
pH	6.9000	6 - 9	0.40000
DO (mg/l)	5.10000	4.00000	0.16882
COD (mg/l)	4.3000	25.00000	0.17200
BOD (mg/l)		3.00000	0.00000
TSS (mg/l)	70.0000	50.00000	1.73064
Nitrat (mg/l)	0.036000	10.00000	0.00360
Nitrit (mg/l)	0.0110	0.0600	0.18333
Amoniak (mg/l)	0.0360		
Total Nitrogen (mg/l)			
Total Fosfat (mg/l)	0.091000	0.20000	0.45500
Ortho Fosfat (mg/l)			
Deterjen (ug/l)	20.0000	200.00000	0.10000
Minyak Lemak (ug/l)	100.0000	1000.00000	0.10000
Fenol (ug/l)	3.0000	1.00000	3.38561
Fecal Coli (jml/100 ml)		1000.00000	0.00000
Total Coli (jml/100 ml)		5000.00000	0.00000
Mercury /Air Raksa (mg/l)		0.00200	0.00000
Chromium (mg/l)	0.0040	0.05000	0.08000
Cadmium (mg/l)	0.0010	0.01000	0.10000
Timbal (mg/l)	0.0090	0.03000	0.30000
Tembaga (mg/l)	0.0120	0.02000	0.60000
Besi (mg/l)	0.0840		
Mangan (mg/l)	0.0130		
Seng (mg/l)	0.0040	0.05000	0.08000
Sulfida (mg/l)		0.00200	0.00000
Sulfat (mg/l)	5.1000		
Clorida (mg/l)	3.0000		
Fluorida (mg/l)	0.0600	1.50000	0.04000
Sianida (mg/l)	0.003000	0.02000	0.15000
Selenium (mg/l)		0.05000	0.00000
Boron (mg/l)	0.0600	1.00000	0.06000
Arsen (mg/l)		1.00000	0.00000
Total Index Pencemaran			2.4126
Status Mutu Air Cemar Ringan			

Debit (m3/dt):