

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

Sungai: Cikaso

Kode Stasiun: cks01

Tanggal : 10/20/2013

Parameter	Hasil Pengukuran	Standar Klas II	Index Pencemaran
Temperatur (c)			
DHL (mhos/Cm)	414.0000		
Kekeruhan (NTU)			
pH	6.8000	6 - 9	0.46667
DO (mg/l)		4.00000	0.34609
COD (mg/l)	28.0000	25.00000	1.24609
BOD (mg/l)		3.00000	0.00000
TSS (mg/l)	24.0000	50.00000	0.48000
Nitrat (mg/l)	0.130000	10.00000	0.01300
Nitrit (mg/l)	0.2240	0.0600	3.86048
Amoniak (mg/l)	0.7650		
Total Nitrogen (mg/l)			
Total Fosfat (mg/l)	0.034000	0.20000	0.17000
Ortho Fosfat (mg/l)			
Deterjen (ug/l)	33.0000	200.00000	0.16500
Minyak Lemak (ug/l)	100.0000	1000.00000	0.10000
Fenol (ug/l)	4.0000	1.00000	4.01030
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)	0.0030	0.05000	0.06000
Cadmium (mg/l)	0.0010	0.01000	0.10000
Timbal (mg/l)	0.0150	0.03000	0.50000
Tembaga (mg/l)	0.0060	0.02000	0.30000
Besi (mg/l)	0.0860		
Mangan (mg/l)	0.1370		
Seng (mg/l)	0.0060	0.05000	0.12000
Sulfida (mg/l)		0.00200	0.00000
Sulfat (mg/l)	12.2000		
Clorida (mg/l)	26.6000		
Fluorida (mg/l)	0.2190	1.50000	0.14600
Sianida (mg/l)	0.003000	0.02000	0.15000
Selenium (mg/l)		0.05000	0.00000
Boron (mg/l)	0.3900	1.00000	0.39000
Arsen (mg/l)		1.00000	0.00000
Total Index Pencemaran			2.8731
Status Mutu Air Cemar Ringan			

Debit (m3/dt): 0.0300