

Hasil Evaluasi Status Mutu Air Dengan Metode Index Pencemaran

Dihitung Dengan Acuan Standar Klas II

Sungai: Cijolang

Kode Stasiun: cjl01

Tanggal : 10/20/2013

Parameter	Hasil Pengukuran	Standar Klas II	Index Pencemaran
Temperatur (c)			
DHL (mhos/Cm)	239.0000		
Kekeruhan (NTU)			
pH	6.8000	6 - 9	0.46667
DO (mg/l)		4.00000	0.34609
COD (mg/l)	8.5000	25.00000	0.34000
BOD (mg/l)		3.00000	0.00000
TSS (mg/l)	60.0000	50.00000	1.39591
Nitrat (mg/l)	0.200000	10.00000	0.02000
Nitrit (mg/l)	0.0100	0.0600	0.16667
Amoniak (mg/l)	0.1870		
Total Nitrogen (mg/l)			
Total Fosfat (mg/l)	0.063000	0.20000	0.31500
Ortho Fosfat (mg/l)			
Deterjen (ug/l)	62.0000	200.00000	0.31000
Minyak Lemak (ug/l)	100.0000	1000.00000	0.10000
Fenol (ug/l)	2.0000	1.00000	2.50515
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)	0.0120	0.03000	0.40000
Tembaga (mg/l)	0.0030	0.02000	0.15000
Besi (mg/l)	0.1910		
Mangan (mg/l)	0.0140		
Seng (mg/l)	0.0010	0.05000	0.02000
Sulfida (mg/l)		0.00200	0.00000
Sulfat (mg/l)	33.6000		
Clorida (mg/l)	9.9000		
Fluorida (mg/l)	0.0500	1.50000	0.03333
Sianida (mg/l)	0.003000	0.02000	0.15000
Selenium (mg/l)		0.05000	0.00000
Boron (mg/l)	0.3400	1.00000	0.34000
Arsen (mg/l)		1.00000	0.00000
Total Index Pencemaran			1.7913
Status Mutu Air Cemar Ringan			

Debit (m3/dt): 4.0600