

Hasil Evaluasi Status Mutu Air Dengan Metode Index Pencemaran

Dihitung Dengan Acuan Standar Klas II

Sungai: Cijolang

Kode Stasiun: cjl01

Tanggal : 4/16/2018

Parameter	Hasil Pengukuran	Standar Klas II	Index Pencemaran
Temperatur (c)	28.8		
DHL (mhos/Cm)	202.0000		
Kekeruhan (NTU)	47.4000		
pH	8.1700	6 - 9	0.44667
DO (mg/l)	10.64000	4.00000	-0.21018
COD (mg/l)	20.0000	25.00000	0.80000
BOD (mg/l)	2.0000	3.00000	0.66667
TSS (mg/l)	18.0000	50.00000	0.36000
Nitrat (mg/l)		10.00000	0.00000
Nitrit (mg/l)	0.0150	0.0600	0.25000
Amoniak (mg/l)	0.0800		
Total Nitrogen (mg/l)			
Total Fosfat (mg/l)		0.20000	0.00000
Ortho Fosfat (mg/l)			
Deterjen (ug/l)	29.0000	200.00000	0.14500
Minyak Lemak (ug/l)		1000.00000	0.00000
Fenol (ug/l)		1.00000	0.00000
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)		0.05000	0.00000
Cadmium (mg/l)	0.0040	0.01000	0.40000
Timbal (mg/l)	0.0400	0.03000	1.62469
Tembaga (mg/l)	0.0160	0.02000	0.80000
Besi (mg/l)	0.0880		
Mangan (mg/l)	0.0420		
Seng (mg/l)	0.0160	0.05000	0.32000
Sulfida (mg/l)	0.010000	0.00200	0.00000
Sulfat (mg/l)			
Clorida (mg/l)			
Fluorida (mg/l)	0.2000	1.50000	0.13333
Sianida (mg/l)		0.02000	0.00000
Selenium (mg/l)		0.05000	0.00000
Boron (mg/l)		1.00000	0.00000
Arsen (mg/l)		1.00000	0.00000
Total Index Pencemaran			1.2090
Status Mutu Air Cemar Ringan			

Debit (m3/dt):