

Hasil Evaluasi Status Mutu Air Dengan Metode Index Pencemaran

Dihitung Dengan Acuan Standar Klas II

Sungai: Citanduy

Kode Stasiun: cty03

Tanggal : 11/20/2011

Parameter	Hasil Pengukuran	Standar Klas II	Index Pencemaran
Temperatur (c)			
DHL (mhos/Cm)			
Kekeruhan (NTU)			
pH	7.7000	6 - 9	0.13333
DO (mg/l)		4.00000	0.34609
COD (mg/l)	16.0000	25.00000	0.64000
BOD (mg/l)		3.00000	0.00000
TSS (mg/l)	172.0000	50.00000	3.68279
Nitrat (mg/l)	0.360000	10.00000	0.03600
Nitrit (mg/l)	0.0030	0.0600	0.05000
Amoniak (mg/l)	0.8200		
Total Nitrogen (mg/l)			
Total Fosfat (mg/l)	0.005000	0.20000	0.02500
Ortho Fosfat (mg/l)			
Deterjen (ug/l)	620.0000	200.00000	3.45681
Minyak Lemak (ug/l)	100.0000	1000.00000	0.10000
Fenol (ug/l)	6.0000	1.00000	4.89076
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)	0.0020	0.05000	0.04000
Cadmium (mg/l)	0.0010	0.01000	0.10000
Timbal (mg/l)	0.0050	0.03000	0.16667
Tembaga (mg/l)	0.0040	0.02000	0.20000
Besi (mg/l)	0.5100		
Mangan (mg/l)	0.0100		
Seng (mg/l)	0.0550	0.05000	1.20696
Sulfida (mg/l)		0.00200	0.00000
Sulfat (mg/l)	9.3000		
Clorida (mg/l)	5.0000		
Fluorida (mg/l)	0.1600	1.50000	0.10667
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			3.5037
Status Mutu Air Cemar Ringan			

Debit (m3/dt): 76.5900