

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

Sungai: Citanduy

Kode Stasiun: cty01

Tanggal : 7/29/2012

Parameter	Hasil Pengukuran	Standar Klas II	Index Pencemaran
Temperatur (c)			
DHL (mhos/Cm)			
Kekeruhan (NTU)			
pH	8.4000	6 - 9	0.60000
DO (mg/l)		4.00000	0.34609
COD (mg/l)	11.0000	25.00000	0.44000
BOD (mg/l)		3.00000	0.00000
TSS (mg/l)	9.0000	50.00000	0.18000
Nitrat (mg/l)	0.420000	10.00000	0.04200
Nitrit (mg/l)	0.0030	0.0600	0.05000
Amoniak (mg/l)	0.3000		
Total Nitrogen (mg/l)			
Total Fosfat (mg/l)	0.074000	0.20000	0.37000
Ortho Fosfat (mg/l)			
Deterjen (ug/l)	47.0000	200.00000	0.23500
Minyak Lemak (ug/l)	100.0000	1000.00000	0.10000
Fenol (ug/l)	7.0000	1.00000	5.22549
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)	0.0100	0.03000	0.33333
Tembaga (mg/l)	0.0040	0.02000	0.20000
Besi (mg/l)	0.1800		
Mangan (mg/l)	0.0300		
Seng (mg/l)	0.0200	0.05000	0.40000
Sulfida (mg/l)		0.00200	0.00000
Sulfat (mg/l)	13.8000		
Clorida (mg/l)	12.0000		
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)	0.0500	1.00000	0.05000
Arsen (mg/l)		1.00000	0.00000
Total Index Pencemaran			3.7095
Status Mutu Air			Cemar Ringan

Debit (m3/dt): 87.4400