

Hasil Evaluasi Status Mutu Air Dengan Metode Index Pencemaran

Dihitung Dengan Acuan Standar Klas II

Sungai: Citanduy

Kode Stasiun: cty01

Tanggal : 4/22/2019

Parameter	Hasil Pengukuran	Standar Klas II	Index Pencemaran
Temperatur (c)	25.29		
DHL (mhos/Cm)	125.0000		
Kekeruhan (NTU)	22.6000		
pH	4.9800	6 - 9	2.12655
DO (mg/l)	10.78000	4.00000	-0.16087
COD (mg/l)	9.9000	25.00000	0.39600
BOD (mg/l)	6.8000	3.00000	2.77694
TSS (mg/l)	12.0000	50.00000	0.24000
Nitrat (mg/l)		10.00000	0.00000
Nitrit (mg/l)	0.0500	0.0600	0.83333
Amoniak (mg/l)	0.0560		
Total Nitrogen (mg/l)			
Total Fosfat (mg/l)		0.20000	0.00000
Ortho Fosfat (mg/l)			
Deterjen (ug/l)	32.0000	200.00000	0.16000
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)	0.0940	1.50000	0.06267
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			2.0539
Status Mutu Air Cemar Ringan			

Debit (m3/dt):