

Hasil Evaluasi Status Mutu Air Dengan Metode Index Pencemaran

Dihitung Dengan Acuan Standar Klas II

Sungai: Cimeneng

Kode Stasiun: cmn01

Tanggal : 18/08/2015

Parameter	Hasil Pengukuran	Standar Klas II	Index Pencemaran
Temperatur (c)	28.6		
DHL (mhos/Cm)	573,0000		
Kekeruhan (NTU)	12,2000		
pH	7,5900	6 - 9	0,06000
DO (mg/l)	3,67000	4,00000	0,25041
COD (mg/l)	14,8000	25,00000	0,59200
BOD (mg/l)	1,0000	3,00000	0,33333
TSS (mg/l)	3,8000	50,00000	0,07600
Nitrat (mg/l)		10,00000	0,00000
Nitrit (mg/l)	0,0300	0,0600	0,50000
Amoniak (mg/l)	0,0100		
Total Nitrogen (mg/l)			
Total Fosfat (mg/l)		0,20000	0,00000
Ortho Fosfat (mg/l)			
Deterjen (ug/l)	1000,0000	200,00000	4,49485
Minyak Lemak (ug/l)	1600,0000	1000,00000	2,02060
Fenol (ug/l)	111,0000	1,00000	11,22662
Fecal Coli (jml/100 ml)	120,0000	1000,00000	0,12000
Total Coli (jml/100 ml)		5000,00000	0,00000
Mercury /Air Raksa (mg/l)		0,00200	0,00000
Chromium (mg/l)	0,0200	0,05000	0,40000
Cadmium (mg/l)	0,0400	0,01000	4,01030
Timbal (mg/l)	0,1000	0,03000	3,61439
Tembaga (mg/l)	0,1000	0,02000	4,49485
Besi (mg/l)	0,1000		
Mangan (mg/l)	0,3500		
Seng (mg/l)	0,0400	0,05000	0,80000
Sulfida (mg/l)		0,00200	0,00000
Sulfat (mg/l)	20,6000		
Clorida (mg/l)	48,9000		
Fluorida (mg/l)	0,1800	1,50000	0,12000
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			8,0766
Status Mutu Air Cemar Sedang			

Debit (m3/dt):