

Hasil Evaluasi Status Mutu Air Dengan Metode Index Pencemaran

Dihitung Dengan Acuan Standar Klas II

Sungai: Cimeneng

Kode Stasiun: cmn01

Tanggal : 08/12/2015

Parameter	Hasil Pengukuran	Standar Klas II	Index Pencemaran
Temperatur (c)	25.6		
DHL (mhos/Cm)	590,0000		
Kekeruhan (NTU)	27,1000		
pH	8,1000	6 - 9	0,40000
DO (mg/l)	5,94000	4,00000	0,24684
COD (mg/l)	5,9400	25,00000	0,23760
BOD (mg/l)	2,0000	3,00000	0,66667
TSS (mg/l)	11,6000	50,00000	0,23200
Nitrat (mg/l)		10,00000	0,00000
Nitrit (mg/l)	0,0200	0,0600	0,33333
Amoniak (mg/l)	0,0100		
Total Nitrogen (mg/l)			
Total Fosfat (mg/l)		0,20000	0,00000
Ortho Fosfat (mg/l)			
Deterjen (ug/l)	200,0000	200,00000	1,00000
Minyak Lemak (ug/l)	590,0000	1000,00000	0,59000
Fenol (ug/l)	112,0000	1,00000	11,24609
Fecal Coli (jml/100 ml)	20,0000	1000,00000	0,02000
Total Coli (jml/100 ml)		5000,00000	0,00000
Mercury /Air Raksa (mg/l)		0,00200	0,00000
Chromium (mg/l)	0,0500	0,05000	1,00000
Cadmium (mg/l)	0,0500	0,01000	4,49485
Timbal (mg/l)	0,2300	0,03000	5,42303
Tembaga (mg/l)	0,1000	0,02000	4,49485
Besi (mg/l)	0,1000		
Mangan (mg/l)	0,3300		
Seng (mg/l)	0,0300	0,05000	0,60000
Sulfida (mg/l)		0,00200	0,00000
Sulfat (mg/l)	131,0000		
Clorida (mg/l)	14,0000		
Fluorida (mg/l)	0,3300	1,50000	0,22000
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			8,0898
Status Mutu Air Cemar Sedang			

Debit (m3/dt):