

# Hasil Evaluasi Status Mutu Air Dengan Metode Index Pencemaran

## Dihitung Dengan Acuan Standar Klas II

Sungai: Cikawung

Kode Stasiun: ckw01

Tanggal : 7/29/2012

Parameter	Hasil Pengukuran	Standar Klas II	Index Pencemaran
Temperatur (c)			
DHL (mhos/Cm)			
Kekeruhan (NTU)			
pH	7.8000	6 - 9	0.20000
DO (mg/l)		4.00000	0.34609
COD (mg/l)	9.9000	25.00000	0.39600
BOD (mg/l)		3.00000	0.00000
TSS (mg/l)	28.0000	50.00000	0.56000
Nitrat (mg/l)	0.190000	10.00000	0.01900
Nitrit (mg/l)	0.0030	0.0600	0.05000
Amoniak (mg/l)	0.6000		
Total Nitrogen (mg/l)			
Total Fosfat (mg/l)	0.050000	0.20000	0.25000
Ortho Fosfat (mg/l)			
Deterjen (ug/l)	38.0000	200.00000	0.19000
Minyak Lemak (ug/l)	100.0000	1000.00000	0.10000
Fenol (ug/l)	11.0000	1.00000	6.20696
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)	0.0200	0.03000	0.66667
Tembaga (mg/l)	0.0040	0.02000	0.20000
Besi (mg/l)	0.3700		
Mangan (mg/l)	0.0400		
Seng (mg/l)	0.0500	0.05000	1.00000
Sulfida (mg/l)		0.00200	0.00000
Sulfat (mg/l)	32.9000		
Clorida (mg/l)	7.0000		
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			<b>4.4067</b>
Status Mutu Air <b>Cemar Ringan</b>			

Debit (m3/dt): 32.4800