

# Hasil Evaluasi Status Mutu Air Dengan Metode Index Pencemaran

## Dihitung Dengan Acuan Standar Klas II

Sungai: Citanduy

Kode Stasiun: cty03

Tanggal : 8/11/2008

Parameter	Hasil Pengukuran	Standar Klas II	Index Pencemaran
Temperatur (c)			
DHL (mhos/Cm)	168.0000		
Kekeruhan (NTU)			
pH	7.5000	6 - 9	4.01030
DO (mg/l)		4.00000	0.34609
COD (mg/l)	16.7000	25.00000	0.66800
BOD (mg/l)		3.00000	0.00000
TSS (mg/l)	2.0000	50.00000	0.04000
Nitrat (mg/l)	1.530000	10.00000	0.15300
Nitrit (mg/l)	0.0020	0.0600	0.03333
Amoniak (mg/l)	0.1000		
Total Nitrogen (mg/l)			
Total Fosfat (mg/l)	0.010000	0.20000	0.05000
Ortho Fosfat (mg/l)			
Deterjen (ug/l)	100.0000	200.00000	0.50000
Minyak Lemak (ug/l)	40.0000	1000.00000	0.04000
Fenol (ug/l)	10.0000	1.00000	6.00000
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)	0.0020	0.05000	0.04000
Cadmium (mg/l)	0.0050	0.01000	0.50000
Timbal (mg/l)	0.0200	0.03000	0.66667
Tembaga (mg/l)	0.0100	0.02000	0.50000
Besi (mg/l)	0.0100		
Mangan (mg/l)	0.0100		
Seng (mg/l)	0.0100	0.05000	0.20000
Sulfida (mg/l)		0.00200	0.00000
Sulfat (mg/l)	5.4000		
Clorida (mg/l)	4.0000		
Fluorida (mg/l)	0.0400	1.50000	0.02667
Sianida (mg/l)		0.02000	0.00000
Selenium (mg/l)		0.05000	0.00000
Boron (mg/l)	0.2400	1.00000	0.24000
Arsen (mg/l)		1.00000	0.00000
Total Index Pencemaran			<b>4.2754</b>
Status Mutu Air <b>Cemar Ringan</b>			

Debit (m3/dt): 3.4500