

**Hasil Evaluasi Status Mutu Air Dengan Metode Index Pencemaran**  
**Dihitung Dengan Acuan Standar Klas II**

Sungai: Citanduy

Kode Stasiun: cty01

Tanggal : 11/20/2011

Parameter	Hasil Pengukuran	Standar Klas II	Index Pencemaran
Temperatur (c)			
DHL (mhos/Cm)			
Kekeruhan (NTU)			
pH	7.9000	6 - 9	0.26667
DO (mg/l)		4.00000	0.34609
COD (mg/l)	20.0000	25.00000	0.80000
BOD (mg/l)		3.00000	0.00000
TSS (mg/l)	159.0000	50.00000	3.51214
Nitrat (mg/l)	0.200000	10.00000	0.02000
Nitrit (mg/l)	0.0030	0.0600	0.05000
Amoniak (mg/l)	0.2600		
Total Nitrogen (mg/l)			
Total Fosfat (mg/l)	0.005000	0.20000	0.02500
Ortho Fosfat (mg/l)			
Deterjen (ug/l)	39.0000	200.00000	0.19500
Minyak Lemak (ug/l)	100.0000	1000.00000	0.10000
Fenol (ug/l)	2.0000	1.00000	2.50515
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)	0.0010	0.01000	0.10000
Timbal (mg/l)	0.0050	0.03000	0.16667
Tembaga (mg/l)	0.0040	0.02000	0.20000
Besi (mg/l)	0.4600		
Mangan (mg/l)	0.0100		
Seng (mg/l)	0.0200	0.05000	0.40000
Sulfida (mg/l)		0.00200	0.00000
Sulfat (mg/l)	10.7000		
Clorida (mg/l)	6.0000		
Fluorida (mg/l)	0.1400	1.50000	0.09333
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>2.5052</b>
Status Mutu Air			<b>Cemar Ringan</b>

Debit (m3/dt): 89.9700