

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

Sungai: Citanduy

Kode Stasiun: cty01

Tanggal : 8/30/2012

Parameter	Hasil Pengukuran	Standar Klas II	Index Pencemaran
Temperatur (c)			
DHL (mhos/Cm)			
Kekeruhan (NTU)			
pH	7.7000	6 - 9	0.13333
DO (mg/l)		4.00000	0.34609
COD (mg/l)	6.3000	25.00000	0.25200
BOD (mg/l)		3.00000	0.00000
TSS (mg/l)	18.0000	50.00000	0.36000
Nitrat (mg/l)	0.680000	10.00000	0.06800
Nitrit (mg/l)	0.0030	0.0600	0.05000
Amoniak (mg/l)	0.1900		
Total Nitrogen (mg/l)			
Total Fosfat (mg/l)	0.030000	0.20000	0.15000
Ortho Fosfat (mg/l)			
Deterjen (ug/l)	60.0000	200.00000	0.30000
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)	0.0040	0.05000	0.08000
Cadmium (mg/l)	0.0010	0.01000	0.10000
Timbal (mg/l)	0.0100	0.03000	0.33333
Tembaga (mg/l)	0.0040	0.02000	0.20000
Besi (mg/l)	0.1300		
Mangan (mg/l)	0.0100		
Seng (mg/l)	0.0200	0.05000	0.40000
Sulfida (mg/l)		0.00200	0.00000
Sulfat (mg/l)	9.5000		
Clorida (mg/l)	13.0000		
Fluorida (mg/l)	0.0700	1.50000	0.04667
Sianida (mg/l)	0.003000	0.02000	0.15000
Selenium (mg/l)		0.05000	0.00000
Boron (mg/l)	0.4400	1.00000	0.44000
Arsen (mg/l)		1.00000	0.00000
Total Index Pencemaran			<b>1.7860</b>
Status Mutu Air			<b>Cemar Ringan</b>

Debit (m3/dt): 64.7500