

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

**Sungai: Citanduy**

**Kode Stasiun: cty04**

**Tanggal : 10/16/2012**

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)	8.4000	25.00000	0.33600
BOD (mg/l)		3.00000	0.00000
TSS (mg/l)	23.0000	50.00000	0.46000
Nitrat (mg/l)	0.310000	10.00000	0.03100
Nitrit (mg/l)	0.0990	0.0600	2.08742
Amoniak (mg/l)	0.1590		
Total Nitrogen (mg/l)			
Total Fosfat (mg/l)	0.085000	0.20000	0.42500
Ortho Fosfat (mg/l)			
Deterjen (ug/l)	22.0000	200.00000	0.11000
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)	0.0030	0.05000	0.06000
Cadmium (mg/l)	0.0010	0.01000	0.10000
Timbal (mg/l)	0.0050	0.03000	0.16667
Tembaga (mg/l)	0.0030	0.02000	0.15000
Besi (mg/l)	0.0790		
Mangan (mg/l)	0.0170		
Seng (mg/l)	0.0010	0.05000	0.02000
Sulfida (mg/l)		0.00200	0.00000
Sulfat (mg/l)	15.8000		
Clorida (mg/l)	54.6000		
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>1.7909</b>
Status Mutu Air		<b>Cemar Ringan</b>	

Debit (m3/dt): 120.7000