

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

**Sungai: Citanduy**

**Kode Stasiun: cty04**

**Tanggal : 10/20/2013**

Parameter	Hasil Pengukuran	Standar Klas II	Index Pencemaran
Temperatur (c)			
DHL (mhos/Cm)	308.0000		
Kekeruhan (NTU)			
pH	6.8000	6 - 9	0.46667
DO (mg/l)		4.00000	0.34609
COD (mg/l)	15.0000	25.00000	0.60000
BOD (mg/l)		3.00000	0.00000
TSS (mg/l)	14.0000	50.00000	0.28000
Nitrat (mg/l)	0.060000	10.00000	0.00600
Nitrit (mg/l)	0.0330	0.0600	0.55000
Amoniak (mg/l)	0.1650		
Total Nitrogen (mg/l)			
Total Fosfat (mg/l)	0.081000	0.20000	0.40500
Ortho Fosfat (mg/l)			
Deterjen (ug/l)	44.0000	200.00000	0.22000
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)	0.0100	0.03000	0.33333
Tembaga (mg/l)	0.0030	0.02000	0.15000
Besi (mg/l)	0.0540		
Mangan (mg/l)	0.0140		
Seng (mg/l)	0.0020	0.05000	0.04000
Sulfida (mg/l)		0.00200	0.00000
Sulfat (mg/l)	13.6000		
Clorida (mg/l)	11.8000		
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)	0.6100	1.00000	0.61000
Arsen (mg/l)		1.00000	0.00000
Total Index Pencemaran			<b>1.7902</b>
Status Mutu Air			<b>Cemar Ringan</b>

Debit (m3/dt): 115.7000