

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

**Sungai: Citanduy**

**Kode Stasiun: cty04**

**Tanggal : 10/20/2014**

Parameter	Hasil Pengukuran	Standar Klas II	Index Pencemaran
Temperatur (c)	29.2		
DHL (mhos/Cm)			
Kekeruhan (NTU)	41.8000		
pH	7.4000	6 - 9	0.06667
DO (mg/l)		4.00000	0.53139
COD (mg/l)	14.9000	25.00000	0.59600
BOD (mg/l)		3.00000	0.00000
TSS (mg/l)	48.0000	50.00000	0.96000
Nitrat (mg/l)	0.520000	10.00000	0.05200
Nitrit (mg/l)	0.0030	0.0600	0.05000
Amoniak (mg/l)	0.5090		
Total Nitrogen (mg/l)			
Total Fosfat (mg/l)	0.049000	0.20000	0.24500
Ortho Fosfat (mg/l)			
Deterjen (ug/l)	10.0000	200.00000	0.05000
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)	0.0080	0.03000	0.26667
Tembaga (mg/l)	0.0110	0.02000	0.55000
Besi (mg/l)	0.8510		
Mangan (mg/l)	0.0050		
Seng (mg/l)	0.0030	0.05000	0.06000
Sulfida (mg/l)		0.00200	0.00000
Sulfat (mg/l)	10.1000		
Clorida (mg/l)	10.0000		
Fluorida (mg/l)	0.2440	1.50000	0.16267
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>1.7882</b>
Status Mutu Air <b>Cemar Ringan</b>			

Debit (m3/dt):