

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

Sungai: Citanduy

Kode Stasiun: cty04

Tanggal : 12/1/2015

Parameter	Hasil Pengukuran	Standar Klas II	Index Pencemaran
Temperatur (c)	28.6		
DHL (mhos/Cm)	204.0000		
Kekeruhan (NTU)	74.4000		
pH	7.5300	6 - 9	0.02000
DO (mg/l)	6.62000	4.00000	0.06978
COD (mg/l)	13.2000	25.00000	0.52800
BOD (mg/l)	2.0000	3.00000	0.66667
TSS (mg/l)	28.1000	50.00000	0.56200
Nitrat (mg/l)		10.00000	0.00000
Nitrit (mg/l)	0.0170	0.0600	0.28333
Amoniak (mg/l)	0.0010		
Total Nitrogen (mg/l)			
Total Fosfat (mg/l)		0.20000	0.00000
Ortho Fosfat (mg/l)			
Deterjen (ug/l)	200.0000	200.00000	1.00000
Minyak Lemak (ug/l)	590.0000	1000.00000	0.59000
Fenol (ug/l)	112.0000	1.00000	11.24609
Fecal Coli (jml/100 ml)	150.0000	1000.00000	0.15000
Total Coli (jml/100 ml)		5000.00000	0.00000
Mercury /Air Raksa (mg/l)		0.00200	0.00000
Chromium (mg/l)		0.05000	0.00000
Cadmium (mg/l)	0.0500	0.01000	4.49485
Timbal (mg/l)	0.2340	0.03000	5.46047
Tembaga (mg/l)	0.0490	0.02000	2.94583
Besi (mg/l)	0.2740		
Mangan (mg/l)	0.3250		
Seng (mg/l)	0.0320	0.05000	0.64000
Sulfida (mg/l)		0.00200	0.00000
Sulfat (mg/l)	37.2000		
Clorida (mg/l)	5.6800		
Fluorida (mg/l)	0.4270	1.50000	0.28467
Sianida (mg/l)		0.02000	0.00000
Selenium (mg/l)		0.05000	0.00000
Boron (mg/l)		1.00000	0.00000
Arsen (mg/l)		1.00000	0.00000
Total Index Pencemaran			<b>8.0947</b>
Status Mutu Air		<b>Cemar Sedang</b>	

Debit (m3/dt):