

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

**Sungai: Citanduy**

**Kode Stasiun: cty03**

**Tanggal : 7/28/2016**

Parameter	Hasil Pengukuran	Standar Klas II	Index Pencemaran
Temperatur (c)	30.3		
DHL (mhos/Cm)	121.4000		
Kekeruhan (NTU)	48.6300		
pH	6.9000	6 - 9	0.40000
DO (mg/l)	34.50000	4.00000	-1.98460
COD (mg/l)	8.0000	25.00000	0.32000
BOD (mg/l)		3.00000	0.00000
TSS (mg/l)	22.0000	50.00000	0.44000
Nitrat (mg/l)	0.540000	10.00000	0.05400
Nitrit (mg/l)	0.0080	0.0600	0.13333
Amoniak (mg/l)	0.1490		
Total Nitrogen (mg/l)			
Total Fosfat (mg/l)	0.092000	0.20000	0.46000
Ortho Fosfat (mg/l)			
Deterjen (ug/l)	50.0000	200.00000	0.25000
Minyak Lemak (ug/l)	100.0000	1000.00000	0.10000
Fenol (ug/l)	3.0000	1.00000	3.38561
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)	0.0090	0.03000	0.30000
Tembaga (mg/l)	0.0120	0.02000	0.60000
Besi (mg/l)	0.1160		
Mangan (mg/l)	0.0070		
Seng (mg/l)	0.0160	0.05000	0.32000
Sulfida (mg/l)		0.00200	0.00000
Sulfat (mg/l)	3.3000		
Clorida (mg/l)	5.0000		
Fluorida (mg/l)	0.4150	1.50000	0.27667
Sianida (mg/l)	0.003000	0.02000	0.15000
Selenium (mg/l)		0.05000	0.00000
Boron (mg/l)	0.0600	1.00000	0.06000
Arsen (mg/l)		1.00000	0.00000
Total Index Pencemaran			<b>2.4044</b>
Status Mutu Air		<b>Cemar Ringan</b>	

Debit (m3/dt):