

# Hasil Evaluasi Status Mutu Air Dengan Metode Index Pencemaran

## Dihitung Dengan Acuan Standar Klas II

Sungai: Citanduy

Kode Stasiun: cty04

Tanggal : 8/20/2019

Parameter	Hasil Pengukuran	Standar Klas II	Index Pencemaran
Temperatur (c)	25.27		
DHL (mhos/Cm)	242.0000		
Kekeruhan (NTU)	13.4000		
pH	5.7000	6 - 9	1.39591
DO (mg/l)	10.75000	4.00000	-0.15874
COD (mg/l)	17.0000	25.00000	0.68000
BOD (mg/l)	3.4000	3.00000	1.27179
TSS (mg/l)	22.0000	50.00000	0.44000
Nitrat (mg/l)		10.00000	0.00000
Nitrit (mg/l)	0.0150	0.0600	0.25000
Amoniak (mg/l)	0.0530		
Total Nitrogen (mg/l)			
Total Fosfat (mg/l)		0.20000	0.00000
Ortho Fosfat (mg/l)			
Deterjen (ug/l)	41.0000	200.00000	0.20500
Minyak Lemak (ug/l)		1000.00000	0.00000
Fenol (ug/l)		1.00000	0.00000
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)		0.05000	0.00000
Cadmium (mg/l)	0.0040	0.01000	0.40000
Timbal (mg/l)	0.0400	0.03000	1.62469
Tembaga (mg/l)	0.0160	0.02000	0.80000
Besi (mg/l)	0.0880		
Mangan (mg/l)	0.0420		
Seng (mg/l)	0.0160	0.05000	0.32000
Sulfida (mg/l)	0.010000	0.00200	0.00000
Sulfat (mg/l)			
Clorida (mg/l)			
Fluorida (mg/l)	0.2000	1.50000	0.13333
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>1.2422</b>
Status Mutu Air <b>Cemar Ringan</b>			

Debit (m3/dt):