

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

Sungai: Citanduy

Kode Stasiun: cty03

Tanggal : 9/20/2016

| Parameter | Hasil Pengukuran | Standar Klas II | Index Pencemaran |
|-------------------------------------|------------------|-----------------|------------------|
| Temperatur (c) | 28 | | |
| DHL (mhos/Cm) | 164.6000 | | |
| Kekeruhan (NTU) | 111.0000 | | |
| pH | 7.6000 | 6 - 9 | 0.06667 |
| DO (mg/l) | 4.40000 | 4.00000 | 0.22310 |
| COD (mg/l) | 21.0000 | 25.00000 | 0.84000 |
| BOD (mg/l) | | 3.00000 | 0.00000 |
| TSS (mg/l) | 7.6000 | 50.00000 | 0.15200 |
| Nitrat (mg/l) | 0.660000 | 10.00000 | 0.06600 |
| Nitrit (mg/l) | 0.0240 | 0.0600 | 0.40000 |
| Amoniak (mg/l) | 0.3960 | | |
| Total Nitrogen (mg/l) | | | |
| Total Fosfat (mg/l) | 0.327000 | 0.20000 | 2.06759 |
| Ortho Fosfat (mg/l) | | | |
| Deterjen (ug/l) | 23.0000 | 200.00000 | 0.11500 |
| 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) | 0.8680 | | |
| Mangan (mg/l) | 0.0060 | | |
| Seng (mg/l) | 0.0040 | 0.05000 | 0.08000 |
| Sulfida (mg/l) | | 0.00200 | 0.00000 |
| Sulfat (mg/l) | 19.0000 | | |
| Clorida (mg/l) | 4.5000 | | |
| Fluorida (mg/l) | 0.0600 | 1.50000 | 0.04000 |
| Sianida (mg/l) | 0.030000 | 0.02000 | 1.88046 |
| Selenium (mg/l) | | 0.05000 | 0.00000 |
| Boron (mg/l) | 0.1900 | 1.00000 | 0.19000 |
| Arsen (mg/l) | | 1.00000 | 0.00000 |
| Total Index Pencemaran | | | 2.4283 |
| Status Mutu Air Cemar Ringan | | | |

Debit (m3/dt):