

Hasil Evaluasi Status Mutu Air Dengan Metode Index Pencemaran

Dihitung Dengan Acuan Standar Klas II

Sungai: Cimuntur

Kode Stasiun: cmt02

Tanggal : 11/7/2017

| Parameter | Hasil Pengukuran | Standar Klas II | Index Pencemaran |
|-------------------------------------|------------------|-----------------|------------------|
| Temperatur (c) | 27.5 | | |
| DHL (mhos/Cm) | 128.7000 | | |
| Kekeruhan (NTU) | 67.0000 | | |
| pH | 7.3600 | 6 - 9 | 0.09333 |
| DO (mg/l) | 20.50000 | 4.00000 | -0.83864 |
| COD (mg/l) | 20.0000 | 25.00000 | 0.80000 |
| BOD (mg/l) | 2.0000 | 3.00000 | 0.66667 |
| TSS (mg/l) | 72.0000 | 50.00000 | 1.79181 |
| Nitrat (mg/l) | | 10.00000 | 0.00000 |
| Nitrit (mg/l) | 0.0150 | 0.0600 | 0.25000 |
| Amoniak (mg/l) | 0.0430 | | |
| 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) | | 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) | 0.0050 | 0.01000 | 0.50000 |
| Timbal (mg/l) | 0.0500 | 0.03000 | 2.10924 |
| Tembaga (mg/l) | 0.0270 | 0.02000 | 1.65167 |
| Besi (mg/l) | 0.1000 | | |
| Mangan (mg/l) | 0.0340 | | |
| Seng (mg/l) | 0.0190 | 0.05000 | 0.38000 |
| Sulfida (mg/l) | 0.010000 | 0.00200 | 0.00000 |
| Sulfat (mg/l) | | | |
| Clorida (mg/l) | | | |
| Fluorida (mg/l) | 0.0960 | 1.50000 | 0.06400 |
| 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 | | | 1.5912 |
| Status Mutu Air Cemar Ringan | | | |

Debit (m3/dt):