

# Hasil Evaluasi Status Mutu Air Dengan Metode Index Pencemaran

## Dihitung Dengan Acuan Standar Klas II

Sungai: Cikembang

Kode Stasiun: ckb01

Tanggal : 7/9/2019

| Parameter                    | Hasil Pengukuran | Standar Klas II | Index Pencemaran |
|------------------------------|------------------|-----------------|------------------|
| Temperatur (c)               | 25.87            |                 |                  |
| DHL (mhos/Cm)                | 139.0000         |                 |                  |
| Kekeruhan (NTU)              | 7.3000           |                 |                  |
| pH                           | 5.5200           | 6 - 9           | 1.60287          |
| DO (mg/l)                    | 10.38000         | 4.00000         | -0.14541         |
| COD (mg/l)                   | 11.0000          | 25.00000        | 0.44000          |
| BOD (mg/l)                   | 2.0000           | 3.00000         | 0.66667          |
| TSS (mg/l)                   | 9.0000           | 50.00000        | 0.18000          |
| Nitrat (mg/l)                |                  | 10.00000        | 0.00000          |
| Nitrit (mg/l)                | 0.0200           | 0.0600          | 0.33333          |
| Amoniak (mg/l)               | 0.1000           |                 |                  |
| Total Nitrogen (mg/l)        |                  |                 |                  |
| Total Fosfat (mg/l)          |                  | 0.20000         | 0.00000          |
| Ortho Fosfat (mg/l)          |                  |                 |                  |
| Deterjen (ug/l)              | 62.0000          | 200.00000       | 0.31000          |
| 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)                  | 0.1000           |                 |                  |
| Mangan (mg/l)                | 0.2000           |                 |                  |
| Seng (mg/l)                  | 0.0160           | 0.05000         | 0.32000          |
| Sulfida (mg/l)               | 0.001000         | 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       |                  |                 | 1.2272           |
| Status Mutu Air Cemar Ringan |                  |                 |                  |

Debit (m3/dt):