

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

Sungai: Citanduy

Kode Stasiun: cty01

Tanggal : 10/20/2013

| Parameter                 | Hasil Pengukuran | Standar Klas II | Index Pencemaran    |
|---------------------------|------------------|-----------------|---------------------|
| Temperatur (c)            |                  |                 |                     |
| DHL (mhos/Cm)             | 232.0000         |                 |                     |
| Kekeruhan (NTU)           |                  |                 |                     |
| pH                        | 6.6000           | 6 - 9           | 0.60000             |
| DO (mg/l)                 |                  | 4.00000         | 0.34609             |
| COD (mg/l)                | 3.4000           | 25.00000        | 0.13600             |
| BOD (mg/l)                |                  | 3.00000         | 0.00000             |
| TSS (mg/l)                | 6.0000           | 50.00000        | 0.12000             |
| Nitrat (mg/l)             | 0.560000         | 10.00000        | 0.05600             |
| Nitrit (mg/l)             | 0.0110           | 0.0600          | 0.18333             |
| Amoniak (mg/l)            | 0.5100           |                 |                     |
| Total Nitrogen (mg/l)     |                  |                 |                     |
| Total Fosfat (mg/l)       | 0.450000         | 0.20000         | 2.76091             |
| Ortho Fosfat (mg/l)       |                  |                 |                     |
| Deterjen (ug/l)           | 46.0000          | 200.00000       | 0.23000             |
| Minyak Lemak (ug/l)       | 100.0000         | 1000.00000      | 0.10000             |
| Fenol (ug/l)              | 2.0000           | 1.00000         | 2.50515             |
| 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)             | 0.0200           | 0.03000         | 0.66667             |
| Tembaga (mg/l)            | 0.0040           | 0.02000         | 0.20000             |
| Besi (mg/l)               | 0.0500           |                 |                     |
| Mangan (mg/l)             | 0.0100           |                 |                     |
| Seng (mg/l)               | 0.0000           | 0.05000         | 0.00000             |
| Sulfida (mg/l)            |                  | 0.00200         | 0.00000             |
| Sulfat (mg/l)             | 15.5000          |                 |                     |
| Clorida (mg/l)            | 9.9000           |                 |                     |
| Fluorida (mg/l)           | 0.3800           | 1.50000         | 0.25333             |
| Sianida (mg/l)            | 0.003000         | 0.02000         | 0.15000             |
| Selenium (mg/l)           |                  | 0.05000         | 0.00000             |
| Boron (mg/l)              | 0.2800           | 1.00000         | 0.28000             |
| Arsen (mg/l)              |                  | 1.00000         | 0.00000             |
| Total Index Pencemaran    |                  |                 | <b>1.9810</b>       |
| Status Mutu Air           |                  |                 | <b>Cemar Ringan</b> |

Debit (m3/dt): 29.7500