

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

Sungai: Citanduy

Kode Stasiun: cty01

Tanggal : 9/25/2018

| Parameter                 | Hasil Pengukuran | Standar Klas II     | Index Pencemaran |
|---------------------------|------------------|---------------------|------------------|
| Temperatur (c)            | 28.95            |                     |                  |
| DHL (mhos/Cm)             | 258.0000         |                     |                  |
| Kekeruhan (NTU)           | 3.2000           |                     |                  |
| pH                        | 5.7300           | 6 - 9               | 1.35941          |
| DO (mg/l)                 | 11.70000         | 4.00000             | -0.28664         |
| COD (mg/l)                | 14.0000          | 25.00000            | 0.56000          |
| BOD (mg/l)                | 2.0000           | 3.00000             | 0.66667          |
| TSS (mg/l)                | 11.0000          | 50.00000            | 0.22000          |
| Nitrat (mg/l)             |                  | 10.00000            | 0.00000          |
| Nitrit (mg/l)             | 0.0150           | 0.0600              | 0.25000          |
| Amoniak (mg/l)            | 0.0504           |                     |                  |
| Total Nitrogen (mg/l)     |                  |                     |                  |
| Total Fosfat (mg/l)       |                  | 0.20000             | 0.00000          |
| Ortho Fosfat (mg/l)       |                  |                     |                  |
| Deterjen (ug/l)           | 46.0000          | 200.00000           | 0.23000          |
| 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)             | 0.0420           |                     |                  |
| Seng (mg/l)               | 0.0400           | 0.05000             | 0.80000          |
| 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>1.2311</b>    |
| Status Mutu Air           |                  | <b>Cemar Ringan</b> |                  |

Debit (m3/dt):