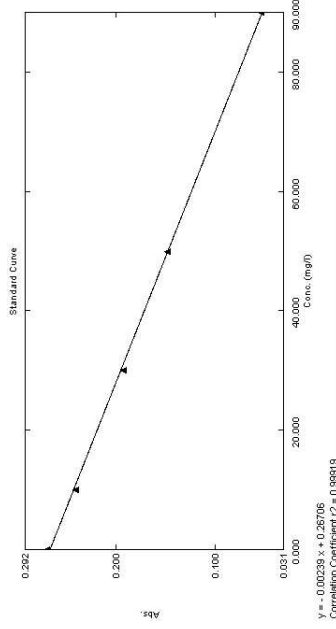


### Lampiran 5 : Kurva Kalibrasi COD dan Data Pengukuran COD Bulk

| No | Standard | Konsentrasi | Abs   |
|----|----------|-------------|-------|
| 1  | STD 90   | 90          | 0.053 |
| 2  | STD 10   | 10          | 0.241 |
| 3  | STD 50   | 50          | 0.148 |
| 4  | STD 30   | 30          | 0.193 |
| 5  | STD 0    | 0           | 0.27  |



| No | Tanggal Sampling | EFLUEN SUNGAI PROGO |         |       |           | EFLUEN WADUK SERMO |         |        |           | EFLUEN CLERENG |         |       |           |       |        |
|----|------------------|---------------------|---------|-------|-----------|--------------------|---------|--------|-----------|----------------|---------|-------|-----------|-------|--------|
|    |                  | A (ppm)             | B (ppm) | Abs B | Rata-rata | A (ppm)            | B (ppm) | Abs B  | Rata-rata | A (ppm)        | B (ppm) | Abs B | Rata-rata |       |        |
| 1  | 2 Mei            | 60.708              | 68.630  | 0.103 | 64.669    | 69.780             | 0.1     | 58.586 | 0.127     | 64.183         | 66.202  | 0.109 | 58.663    | 0.127 | 62.433 |
| 2  | 9 Mei            | 62.497              | 71.492  | 0.096 | 66.995    | 66.432             | 0.108   | 86.673 | 0.06      | 76.553         | 64.541  | 0.113 | 69.652    | 0.101 | 67.097 |
| 3  | 16 Mei           | 45.987              | 46.243  | 0.157 | 46.115    | 62.139             | 0.119   | 62.854 | 0.117     | 62.497         | 60.656  | 0.122 | 60.810    | 0.122 | 60.733 |
| 4  | 22 Mei           | 7.449               | 8.011   | 0.248 | 7.730     | 15.167             | 0.231   | 13.071 | 0.236     | 14.119         | 6.682   | 0.251 | 7.244     | 0.25  | 6.963  |
| 5  | 30 Mei           | 5.404               | 4.893   | 0.255 | 5.149     | 40.416             | 0.171   | 29.274 | 0.197     | 34.845         | 81.510  | 0.072 | 79.415    | 0.077 | 80.463 |
| 6  | 7 Agus           | 36.838              | 38.423  | 0.175 | 37.631    | 38.627             | 0.175   | 36.838 | 0.179     | 37.733         | 39.598  | 0.172 | 38.269    | 0.176 | 38.934 |
| 7  | 9 Agus           | 64.694              | 63.672  | 0.115 | 64.183    | 60.196             | 0.123   | 68.732 | 0.103     | 64.464         | 49.923  | 0.148 | 40.467    | 0.17  | 45.195 |
| 8  | 13 Agus          | 29.683              | 30.194  | 0.195 | 29.939    | 34.538             | 0.185   | 32.903 | 0.188     | 33.721         | 21.096  | 0.217 | 22.118    | 0.214 | 21.607 |
| 9  | 15 Agus          | 33.158              | 39.241  | 0.173 | 36.200    | 51.661             | 0.144   | 57.743 | 0.129     | 54.702         | 18.438  | 0.223 | 17.773    | 0.225 | 18.106 |

#### Contoh Perhitungan

#### **Keterangan :**

$$y = -0.00239x + 0.26706$$

$$y = \text{absorbansi}$$

$$x = \text{konsentrasi } \left(\frac{mg}{L}\right)$$

$$0.122 = -0.00239x + 0.26706$$

$$-0.14506 = -0.00239x$$

$$60.695 \text{ mg/L} = x$$