

LAPORAN HASIL PENGUJIAN
BALAI PENGELOLAAN SUMBER DAYA AIR BENGAWAN SOLO
 Bulan : April 2012

| No | Parameter | Satuan | Stasiun Pengamatan | | | | | | |
|----|------------------|--------|--------------------|---------|---------|----------|-------------|---------|---------|
| | | | Jarum | Jebol | Pusur | Wd.Mulur | Wd.Cengklik | Ngrukun | Kenatan |
| 1 | Temperatur | °C | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| 2 | TDS | mg/L | 158 | 287 | 191 | 125 | 162 | 244 | 258 |
| 3 | TSS | mg/L | 67 | 65.5 | 51 | 57 | 58 | 55 | 52 |
| 4 | pH | mg/L | 7.8 | 8.04 | 7.71 | 7.36 | 7.78 | 7.81 | 7.7 |
| 5 | Fe | mg/L | 0.637 | 0.175 | 0.222 | 0.545 | 0.332 | 0.279 | 0.339 |
| 6 | Mn | mg/L | 0.03 | < 0,001 | < 0,001 | < 0,001 | < 0,001 | 0.011 | 0.051 |
| 7 | Cd | mg/L | < 0.002 | < 0.002 | < 0.002 | < 0.002 | < 0.002 | < 0.002 | < 0.002 |
| 8 | Zn | mg/L | < 0,001 | < 0,001 | < 0,001 | < 0,001 | < 0,001 | 0.002 | 0.03 |
| 9 | Pb | mg/L | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 10 | Cu | mg/L | < 0.004 | < 0.004 | < 0.004 | < 0.004 | < 0.004 | < 0.004 | < 0.004 |
| 11 | Cr ⁶⁺ | mg/L | < 0.003 | < 0.003 | < 0.003 | < 0.003 | < 0.003 | < 0.003 | < 0.003 |
| 12 | Nitrat | mg/L | 1.567 | 1.857 | 1.884 | 0.833 | 1.97 | 2.001 | 1.763 |
| 13 | Nitrit | mg/L | 0.128 | 0.041 | 0.025 | 0.163 | 0.02 | 0.085 | 0.655 |
| 14 | NH ₃ | mg/L | 0.149 | 0.021 | < 0.007 | < 0.007 | < 0.007 | < 0.007 | 0.151 |
| 15 | PO ₄ | mg/L | 0.152 | 0.329 | 0.269 | 0.078 | 0.152 | 0.149 | 0.171 |
| 16 | COD | mg/L | 4.86 | 7.72 | 9.63 | 7.61 | 7.72 | 7.84 | 9.51 |
| 17 | BOD | mg/L | 1.85 | 2.76 | 3.47 | 2.68 | 2.74 | 2.78 | 3.15 |
| 18 | Cl | mg/L | 9.44 | 17.5 | 14.2 | 17.6 | 13.5 | 12.8 | 13 |
| 19 | Sulfida | mg/L | < 0,007 | < 0,007 | < 0,007 | < 0,007 | < 0,007 | < 0,007 | < 0,007 |
| 20 | Minyak & Lemak | mg/L | 4.1 | 3.7 | 3.1 | 3.9 | 3.7 | 3.5 | 2.9 |

Ket : ttd = tidak terdeteksi

LAPORAN HASIL PENGUJIAN
BALAI PENGELOLAAN SUMBER DAYA AIR BENGAWAN SOLO
 Bulan : Juni 2012

| No | Parameter | Satuan | Stasiun Pengamatan | | | | | | |
|----|------------------|--------|--------------------|---------|---------|----------|-------------|---------|---------|
| | | | Jarum | Jebol | Pusur | Wd.Mulur | Wd.Cengklik | Ngrukun | Kenatan |
| 1 | Temperatur | °C | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| 2 | TDS | mg/L | 306 | 382 | 285 | 144 | 187 | 305 | 288 |
| 3 | TSS | mg/L | 48 | 48.5 | 52 | 52.5 | 48 | 47 | 46 |
| 4 | pH | mg/L | 8.05 | 7.55 | 8.04 | 7.57 | 7.83 | 7.79 | 7.79 |
| 5 | Fe | mg/L | 0.141 | 0.14 | 0.435 | 1.039 | 0.265 | 0.095 | 0.049 |
| 6 | Mn | mg/L | 0.081 | 0.136 | 0.115 | 0.075 | 0.008 | 0.009 | 0.075 |
| 7 | Cd | mg/L | < 0.002 | < 0.002 | < 0.002 | < 0.002 | < 0.002 | < 0.002 | < 0.002 |
| 8 | Zn | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| 9 | Pb | mg/L | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 10 | Cu | mg/L | < 0.004 | < 0.004 | < 0.004 | < 0.004 | < 0.004 | < 0.004 | < 0.004 |
| 11 | Cr ⁶⁺ | mg/L | < 0.003 | < 0.003 | < 0.003 | < 0.003 | < 0.003 | < 0.003 | < 0.003 |
| 12 | Nitrat | mg/L | 0.161 | 1.173 | 1.166 | 0.284 | 0.386 | 0.334 | 0.267 |
| 13 | Nitrit | mg/L | 0.017 | 0.067 | 0.075 | 0.023 | 0.025 | 0.012 | 0.012 |
| 14 | NH ₃ | mg/L | 0.122 | 0.254 | 0.493 | 0.102 | 0.128 | 0.117 | 0.137 |
| 15 | PO ₄ | mg/L | 0.201 | 0.315 | 0.455 | 0.116 | 0.169 | 0.169 | 0.068 |
| 16 | COD | mg/L | 14.51 | 11.83 | 14.13 | 13.46 | 9.72 | 8.77 | 27.91 |
| 17 | BOD | mg/L | 4.22 | 4.02 | 4.85 | 3.86 | 2.65 | 3.02 | 8.91 |
| 18 | Cl | mg/L | 23.15 | 46.31 | 20.38 | 18.62 | 17.12 | 28.44 | 13.84 |
| 19 | Sulfida | mg/L | 0.053 | 0.083 | 0.103 | 0.049 | 0.058 | 0.053 | 0.063 |
| 20 | Minyak & Lemak | mg/L | 3.3 | 2.7 | 2.7 | 2.7 | 2.9 | 3.5 | 3.3 |

Ket : ttd = tidak terdeteksi

LAPORAN HASIL PENGUJIAN
BALAI PENGELOLAAN SUMBER DAYA AIR BENGAWAN SOLO
 Bulan : Agustus 2012

| No | Parameter | Satuan | Stasiun Pengamatan | | | | | | |
|----|------------------|--------|--------------------|---------|---------|----------|-------------|---------|---------|
| | | | Jarum | Jebol | Pusur | Wd.Mulur | Wd.Cengklik | Ngrukun | Kenatan |
| 1 | Temperatur | °C | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| 2 | TDS | mg/L | 197 | 345 | 272 | 172 | 183 | 328 | 294 |
| 3 | TSS | mg/L | 46 | 45 | 53.5 | 50.5 | 52 | 49 | 48.5 |
| 4 | pH | mg/L | 7.52 | 7.81 | 7.53 | 7.75 | 7.77 | 7.64 | 7.69 |
| 5 | Fe | mg/L | 0.122 | 0.105 | 0.065 | 0 | 0.327 | 0.069 | 0.019 |
| 6 | Mn | mg/L | 0.087 | 0.098 | 0.119 | 719 | 0.082 | 0.076 | 0.112 |
| 7 | Cd | mg/L | < 0.002 | < 0.002 | < 0.002 | < 0.002 | < 0.002 | < 0.002 | < 0.002 |
| 8 | Zn | mg/L | 0.019 | < 0.001 | 0.007 | 0.01 | 0.009 | 0.009 | 0.003 |
| 9 | Pb | mg/L | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 10 | Cu | mg/L | < 0.004 | < 0.004 | < 0.004 | < 0.004 | < 0.004 | < 0.004 | < 0.004 |
| 11 | Cr ⁶⁺ | mg/L | < 0.003 | < 0.003 | < 0.003 | < 0.003 | < 0.003 | < 0.003 | < 0.003 |
| 12 | Nitrat | mg/L | 0.752 | 0.794 | 0.962 | 0.427 | 1.1 | 1.371 | 0.354 |
| 13 | Nitrit | mg/L | 0.119 | 0.047 | 0.07 | 0.017 | 0.04 | 0.073 | 0.06 |
| 14 | NH ₃ | mg/L | 0.369 | < 0,007 | 0.103 | < 0,007 | < 0,007 | 0.112 | 0.074 |
| 15 | PO ₄ | mg/L | 0.084 | 0.286 | 0.37 | 0.049 | 0.069 | 0.481 | 2.849 |
| 16 | COD | mg/L | 20.87 | 10.09 | 10.09 | 9.7 | 10.09 | 13.55 | 10.47 |
| 17 | BOD | mg/L | 7.32 | 3.54 | 3.5 | 3.26 | 3.46 | 4.62 | 3.58 |
| 18 | Cl | mg/L | 16.1 | 26.17 | 15.85 | 20.13 | 14.22 | 36.74 | 17.86 |
| 19 | Sulfida | mg/L | 0.022 | < 0,007 | 0.015 | < 0,007 | < 0,007 | 0.013 | 0.017 |
| 20 | Minyak & Lemak | mg/L | 2.5 | 2.5 | 3.3 | 2.5 | 2.9 | 2.7 | 2.9 |

Ket : ttd = tidak terdeteksi

LAPORAN HASIL PENGUJIAN
BALAI PENGELOLAAN SUMBER DAYA AIR BENGAWAN SOLO
 Bulan : Oktober 2012

| No | Parameter | Satuan | Stasiun Pengamatan | | | | | | |
|----|------------------|------------|--------------------|---------|---------|----------|-------------|---------|---------|
| | | | Jarum | Jebol | Pusur | Wd.Mulur | Wd.Cengklik | Ngrukun | Kenatan |
| 1 | Temperatur | °C | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| 2 | TDS | mg/L | 153 | 308 | 256 | 368 | 187 | 252 | 394 |
| 3 | TSS | mg/L | 57 | 47 | 57.5 | 45 | 48.5 | 44 | 58.5 |
| 4 | pH | mg/L | 7.33 | 7.48 | 7.23 | 7.86 | 7.73 | 7.53 | 7.48 |
| 5 | Fe | mg/L | 0.195 | 0.242 | 0.36 | 0.064 | 0.214 | 0.322 | < 0,001 |
| 6 | Mn | mg/L | 0.166 | 0.215 | 0.504 | 0.109 | 0.109 | 0.1 | 0.246 |
| 7 | Cd | mg/L | < 0.002 | < 0.002 | < 0.002 | < 0.002 | < 0.002 | < 0.002 | < 0.002 |
| 8 | Zn | mg/L | < 0,001 | 0.013 | < 0,001 | < 0,001 | < 0,001 | < 0,001 | < 0,001 |
| 9 | Pb | mg/L | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 10 | Cu | mg/L | < 0.004 | < 0.004 | < 0.004 | < 0.004 | < 0.004 | < 0.004 | < 0.004 |
| 11 | Cr ⁶⁺ | mg/L | < 0.003 | < 0.003 | < 0.003 | < 0.003 | < 0.003 | < 0.003 | < 0.003 |
| 12 | Nitrat | mg/L | 0.533 | 0.778 | 1.087 | 0.218 | 0.229 | 0.813 | 0.204 |
| 13 | Nitrit | mg/L | 0.131 | 0.084 | 0.112 | 0.017 | 0.002 | 0.005 | 0.062 |
| 14 | NH ₃ | mg/L | 0.045 | 0.16 | 0.008 | 0.091 | 0.035 | 0.02 | 0.025 |
| 15 | PO ₄ | mg/L | < 0,006 | 0.201 | 0.23 | < 0,006 | < 0,006 | < 0,006 | < 0,006 |
| 16 | COD | mg/L | 12.3 | 14.99 | 17.14 | 17.14 | 13.91 | 17.86 | 15.71 |
| 17 | BOD | mg/L | 4.28 | 5.31 | 5.79 | 5.75 | 4.83 | 5.99 | 5.31 |
| 18 | Cl | mg/L | 7.298 | 31.2 | 20.89 | 69.46 | 13.33 | 23.15 | 13.09 |
| 19 | Sulfida | mg/L | 0.043 | 0.027 | < 0,007 | 0.031 | 0.023 | < 0,007 | 0.016 |
| 20 | Total Coliform | jml/100 mL | 1100 | 166.5 | 1226.5 | 130 | 1430 | 460 | 54 |

Ket : ttd = tidak terdeteksi

LAPORAN HASIL PENGUJIAN
BALAI PENGELOLAAN SUMBER DAYA AIR BENGAWAN SOLO
 Bulan : Nopember 2012

| No | Parameter | Satuan | Stasiun Pengamatan | | | | | | |
|----|------------------|------------|--------------------|---------|---------|----------|-------------|---------|---------|
| | | | Jarum | Jebol | Pusur | Wd.Mulur | Wd.Cengklik | Ngrukun | Kenatan |
| 1 | Temperatur | °C | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| 2 | TDS | mg/L | 161 | 314 | 233 | 166 | 245 | 297 | 308 |
| 3 | TSS | mg/L | 45.5 | 47 | 49 | 53 | 55 | 56 | 55.5 |
| 4 | pH | mg/L | 7.85 | 8.31 | 8.2 | 7.87 | 8.21 | 8.22 | 8.29 |
| 5 | Fe | mg/L | 0.101 | 0.125 | < 0,001 | 0.38 | < 0,001 | < 0,001 | < 0,001 |
| 6 | Mn | mg/L | < 0,001 | 0.056 | 0.027 | 0.092 | 0.027 | 0.056 | 0.038 |
| 7 | Cd | mg/L | < 0.002 | < 0.002 | < 0.002 | < 0.002 | < 0.002 | < 0.002 | < 0.002 |
| 8 | Zn | mg/L | < 0,001 | < 0,001 | < 0,001 | < 0,001 | < 0,001 | < 0,001 | < 0,001 |
| 9 | Pb | mg/L | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 10 | Cu | mg/L | < 0.004 | < 0.004 | < 0.004 | < 0.004 | < 0.004 | < 0.004 | < 0.004 |
| 11 | Cr ⁶⁺ | mg/L | < 0.003 | < 0.003 | < 0.003 | < 0.003 | < 0.003 | < 0.003 | < 0.003 |
| 12 | Nitrat | mg/L | 2.445 | 1.272 | 1.461 | 0.893 | 1.234 | 1.045 | 1.42 |
| 13 | Nitrit | mg/L | 0.272 | 0.1 | 0.114 | 0.021 | 0.034 | 0.033 | 0.029 |
| 14 | NH ₃ | mg/L | < 0,007 | < 0,007 | < 0,007 | 0.128 | 0.107 | 0.034 | < 0,007 |
| 15 | PO ₄ | mg/L | 0.313 | 0.406 | 0.375 | 0.116 | 0.092 | 0.35 | 1.463 |
| 16 | COD | mg/L | 19.17 | 21.77 | 21.25 | 17.6 | 10.83 | 13.44 | 13.44 |
| 17 | BOD | mg/L | 6.55 | 7.38 | 7.26 | 5.95 | 3.85 | 6.64 | 4.68 |
| 18 | Cl | mg/L | 147.9 | 26.18 | 14.35 | 33.73 | 19.88 | 35.23 | 17.87 |
| 19 | Sulfida | mg/L | < 0,007 | < 0,007 | < 0,007 | < 0,007 | < 0,007 | < 0,007 | < 0,007 |
| 20 | Total Coliform | jml/100 mL | 23 | > 2400 | 150 | 460 | > 2400 | 240 | 1100 |

Ket : ttd = tidak terdeteksi