

LAPORAN HASIL PENGUJIAN
LABORATORIUM LINGKUNGAN PERUM JASA TIRTA I
 Bulan : Februari 2022

| No | Parameter | Satuan | Stasiun Pengamatan | | | | | | | | |
|-------------------------|------------------|--------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | | | Jarum | Jebol | Pusur | Wd.Mulur | Wd.Cengklik | Ngrukun | Mantingan | Timang | Manggis |
| 1 | Temperatur | °C | 28.4 | 28.4 | 28.2 | 28.3 | 28.4 | 28.5 | 28.6 | 28.4 | 28.5 |
| 2 | TDS | mg/L | 276 | 248 | 332 | 252 | 244 | 232 | 460 | 392 | 264 |
| 3 | TSS | mg/L | 159 | 29 | 43 | 12 | 60 | 37 | 456 | 13 | 171 |
| 4 | pH | - | 7.65 | 7.49 | 7.55 | 7.66 | 7.52 | 7.48 | 7.56 | 7.67 | 7.64 |
| 5 | Fe | mg/L | 1.292 | 0.691 | 0.22 | 1.709 | 0.7556 | 0.4967 | 1.061 | 1.202 | 1.005 |
| 6 | Mn | mg/L | 0.6627 | 0.6592 | 0.5276 | 0.7802 | 0.6288 | 0.2696 | 0.6671 | 0.7177 | 0.7116 |
| 7 | Cd | mg/L | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 |
| 8 | Zn | mg/L | < 0.0077 | < 0.0077 | < 0.0077 | < 0.0077 | < 0.0077 | < 0.0077 | < 0.0077 | < 0.0077 | < 0.0077 |
| 9 | Pb | mg/L | < 0.0056 | < 0.0056 | < 0.0056 | < 0.0056 | < 0.0056 | < 0.0056 | < 0.0056 | < 0.0056 | < 0.0056 |
| 10 | Cu | mg/L | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 |
| 11 | Cr ⁶⁺ | mg/L | 0.0032 | < 0.0030 | < 0.0030 | 0.0045 | < 0.0030 | < 0.0030 | < 0.0030 | 0.0036 | < 0.0030 |
| 12 | Nitrat | mg/L | 1.178 | 2.833 | 3.185 | 1.213 | 1.824 | 1.312 | 1.531 | 0.5734 | 1.343 |
| 13 | Nitrit | mg/L | 0.0074 | 0.0084 | 0.0043 | 0.0915 | 0.0029 | 0.0042 | 0.0085 | 0.0347 | 0.0186 |
| 14 | NH ₃ | mg/L | 0.0095 | 0.0042 | 0.0067 | 0.0059 | 0.0042 | 0.0041 | 0.0049 | 0.0061 | 0.0098 |
| 15 | PO ₄ | mg/L | 0.118 | 0.2747 | 0.244 | 0.0533 | 0.0567 | 0.0904 | 0.114 | 0.0329 | 0.1016 |
| 16 | COD | mg/L | 21.26 | 18.81 | 18.05 | 21.21 | 20.72 | 20.56 | 21.24 | 20.31 | 21.9 |
| 17 | BOD | mg/L | 4.2 | 4.93 | 4.76 | 5.23 | 5.95 | 5.02 | 5.83 | 5.19 | 4.45 |
| 18 | Cl | mg/L | 10.9 | 19.5 | 25.7 | 22.8 | 19.8 | 17.3 | 16.8 | 17.8 | 14.8 |
| 19 | Ni | mg/L | < 0.0083 | < 0.0083 | < 0.0083 | < 0.0083 | < 0.0083 | < 0.0083 | < 0.0083 | < 0.0083 | < 0.0083 |
| 20 | Ca | mg/L | 14.26 | 12.92 | 12.87 | 12.19 | 11.53 | 12.71 | 12.93 | 16.26 | 14.92 |
| 21 | Fluorida | mg/L | 0.3805 | 0.376 | 0.3343 | 0.3074 | 0.3387 | 0.341 | 0.3451 | 0.3651 | 0.2895 |
| 22 | Co | mg/L | < 0.0071 | < 0.0071 | < 0.0071 | < 0.0071 | < 0.0071 | < 0.0071 | < 0.0071 | < 0.0071 | < 0.0071 |
| 23 | Tinggi Muka Air | m | 0.67 | 0.2 | 0.42 | 0.01 | 0.07 | 0.11 | 0 | 0.13 | 0.05 |
| Index Pencemaran | | | 2.51 | 9.91 | 1.45 | 1.59 | 1.78 | 1.52 | 4.13 | 1.57 | 2.63 |
| Status Mutu Air | | | Cemar Ringan | Cemar Sedang | Cemar Ringan | Cemar Ringan | Cemar Ringan | Cemar Ringan | Cemar Ringan | Cemar Ringan | Cemar Ringan |

Kualifikasi Mutu Air dengan Metode Index Pencemaran

Skor : Klasifikasi
 0 - 0.9 : Memenuhi Baku Mutu Kelas II
 1 - 4.9 : Cemar Ringan
 5 - 9.9 : Cemar Sedang
 >= 10 : Cemar Berat

LAPORAN HASIL PENGUJIAN
LABORATORIUM LINGKUNGAN PERUM JASA TIRTA I
 Bulan : April 2022

| No | Parameter | Satuan | Stasiun Pengamatan | | | | | | | | |
|-------------------------|------------------|--------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | | | Jarum | Jebol | Pusur | Wd.Mulur | Wd.Cengklik | Ngrukun | Mantingan | Timang | Manggis |
| 1 | Temperatur | °C | 28.5 | 28.4 | 28.4 | 28.4 | 28.5 | 28.6 | 28.6 | 28.6 | 28.5 |
| 2 | TDS | mg/L | 285 | 246 | 332 | 360 | 220 | 242 | 304 | 210 | 252 |
| 3 | TSS | mg/L | 51 | 48 | 65 | 86.3 | 88.7 | 71.3 | 283 | 60.6 | 32.5 |
| 4 | pH | - | 7.11 | 7.41 | 7.46 | 7.62 | 7.76 | 7.54 | 7.56 | 7.5 | 7.23 |
| 5 | Fe | mg/L | 0.4738 | < 0.0070 | 0.7702 | 1.46 | < 0.0070 | < 0.0070 | 0.2946 | 0.1545 | 0.5748 |
| 6 | Mn | mg/L | 0.0637 | 0.0095 | 0.6716 | 0.0919 | < 0.0074 | < 0.0074 | 0.0951 | 0.0891 | 0.6254 |
| 7 | Cd | mg/L | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 | 0.0026 | < 0.0020 | < 0.0020 |
| 8 | Zn | mg/L | 0.01 | 0.012 | 0.011 | 0.0078 | < 0.0077 | < 0.0077 | 0.0152 | 0.042 | 0.0139 |
| 9 | Pb | mg/L | < 0.0056 | < 0.0056 | < 0.0056 | < 0.0056 | < 0.0056 | < 0.0056 | < 0.0056 | < 0.0056 | < 0.0056 |
| 10 | Cu | mg/L | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 |
| 11 | Cr ⁶⁺ | mg/L | < 0.0030 | < 0.0030 | 0.0043 | 0.0055 | < 0.0030 | 0.0057 | 0.0058 | 0.0051 | 0.0064 |
| 12 | Nitrat | mg/L | 1.612 | 2.157 | 2.235 | 1.262 | 2.445 | 2.697 | 1.922 | 0.9153 | 1.742 |
| 13 | Nitrit | mg/L | 0.0342 | 0.0167 | 0.0223 | 0.0588 | 0.014 | 0.0211 | 0.0145 | 0.0264 | 0.0189 |
| 14 | NH ₃ | mg/L | 0.0016 | 0.0036 | 0.003 | 0.0096 | 0.006 | 0.0036 | 0.0041 | 0.0067 | 0.002 |
| 15 | PO ₄ | mg/L | 0.2299 | 0.2387 | 0.235 | 0.0557 | 0.102 | 0.1241 | 0.2494 | 0.0406 | 0.1238 |
| 16 | COD | mg/L | 22.8 | 24.44 | 23.07 | 21.16 | 20.89 | 21.08 | 19.84 | 21.61 | 21.57 |
| 17 | BOD | mg/L | 4.21 | 4.13 | 4.13 | 4.16 | 3.95 | 4.52 | 4.95 | 4.19 | 4.59 |
| 18 | Cl | mg/L | 11.5 | 9.5 | 12 | 13.5 | 8 | 10 | 13.5 | 15 | 11.5 |
| 19 | Ni | mg/L | < 0.0083 | < 0.0083 | < 0.0083 | < 0.0083 | < 0.0083 | < 0.0083 | < 0.0083 | < 0.0083 | < 0.0083 |
| 20 | Warna / Pt.Co | mg/L | 10.85 | 16.9 | 9.243 | 32.05 | 24.6 | 18.23 | 19.81 | 40.98 | 23.17 |
| 21 | Fluorida | mg/L | 0.3124 | 0.2618 | 0.2958 | 0.3048 | 0.3228 | 0.3355 | 0.24 | 0.325 | 0.2905 |
| 22 | Co | mg/L | < 0.0071 | 0.0109 | 0.0115 | 0.0221 | 0.0161 | 0.0346 | 0.0203 | 0.0327 | 0.0251 |
| 23 | Tinggi Muka Air | m | 0.38 | 0.17 | 0.2 | 0.21 | 0.28 | 0.24 | 6.57 | 0.22 | 0.18 |
| Index Pencemaran | | | 1.27 | 8.8 | 1.24 | 1.58 | 1.62 | 8.88 | 6.78 | 1.25 | 1.39 |
| Status Mutu Air | | | Cemar Ringan | Cemar Sedang | Cemar Ringan | Cemar Ringan | Cemar Ringan | Cemar Sedang | Cemar Sedang | Cemar Ringan | Cemar Ringan |

Kualifikasi Mutu Air dengan Metode Index Pencemaran

- Skor : Klasifikasi
 0 - 0.9 : Memenuhi Baku Mutu Kelas II
 1 - 4.9 : Cemar Ringan
 5 - 9.9 : Cemar Sedang
 >= 10 : Cemar Berat

LAPORAN HASIL PENGUJIAN
LABORATORIUM LINGKUNGAN PERUM JASA TIRTA I
 Bulan : Juni 2022

| No | Parameter | Satuan | Stasiun Pengamatan | | | | | | | | |
|-------------------------|------------------|--------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | | | Jarum | Jebol | Pusur | Wd.Mulur | Wd.Cengklik | Ngrukun | Mantingan | Timang | Manggis |
| 1 | Temperatur | °C | 28.4 | 28.7 | 28.5 | 28.6 | 28.4 | 28.3 | 28.3 | 28.5 | 28.2 |
| 2 | TDS | mg/L | 220 | 292 | 8.16 | 178 | 224 | 276 | 208 | 198 | 188 |
| 3 | TSS | mg/L | 118 | 19 | 102 | 19.5 | 59 | 18.5 | 348 | 430 | 131.4 |
| 4 | pH | - | 7.95 | 8.13 | 8.16 | 7.83 | 7.82 | 7.95 | 7.66 | 7.82 | 7.74 |
| 5 | Fe | mg/L | < 0.0070 | < 0.0070 | < 0.0070 | < 0.0070 | < 0.0070 | < 0.0070 | < 0.0070 | < 0.0070 | < 0.0070 |
| 6 | Mn | mg/L | < 0.0074 | < 0.0074 | < 0.0074 | < 0.0074 | < 0.0074 | < 0.0074 | < 0.0074 | < 0.0074 | < 0.0074 |
| 7 | Cd | mg/L | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 |
| 8 | Zn | mg/L | < 0.0077 | < 0.0077 | < 0.0077 | < 0.0077 | < 0.0077 | < 0.0077 | < 0.0077 | < 0.0077 | < 0.0077 |
| 9 | Pb | mg/L | < 0.0056 | < 0.0056 | < 0.0056 | < 0.0056 | < 0.0056 | < 0.0056 | < 0.0056 | < 0.0056 | < 0.0056 |
| 10 | Cu | mg/L | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 |
| 11 | Cr ⁶⁺ | mg/L | 0.0041 | < 0.003 | < 0.003 | < 0.003 | < 0.003 | < 0.003 | < 0.003 | < 0.003 | < 0.003 |
| 12 | Nitrat | mg/L | 2.112 | 2 | 2.365 | 1.197 | 1.396 | 1.035 | 1.613 | 1.523 | 1.38 |
| 13 | Nitrit | mg/L | 0.0173 | 0.008 | 0.0093 | 0.047 | 0.0177 | 0.0035 | 0.0114 | 0.0125 | 0.0126 |
| 14 | NH ₃ | mg/L | 0.0184 | 0.0281 | 0.0239 | 0.0068 | 0.0122 | 0.0163 | 0.0092 | 0.0131 | 0.0105 |
| 15 | PO ₄ | mg/L | 0.3657 | 0.3203 | 0.2566 | 0.0056 | 0.0956 | 0.0945 | 0.1646 | 0.0697 | 0.0776 |
| 16 | COD | mg/L | 26.52 | 23.67 | 24.16 | 25.66 | 23.97 | 22.75 | 25.34 | 21.96 | 23.01 |
| 17 | BOD | mg/L | 5.71 | 4.74 | 5.43 | 4.99 | 4.86 | 4.25 | 5.56 | 5.2 | 5.49 |
| 18 | Cl | mg/L | 11.7 | 16.7 | 12.2 | 11.2 | 12.7 | 21.8 | 11.7 | 3 | 10.7 |
| 19 | Ni | mg/L | < 0.0083 | < 0.0083 | < 0.0083 | 0.018 | < 0.0083 | 0.0274 | 0.0187 | < 0.0083 | 0.0227 |
| 20 | Warna | Pt.Co | 16.43 | 21.13 | 4.998 | 6.959 | 9.76 | 7.743 | 13.18 | 30.71 | 17.21 |
| 21 | Fluorida | mg/L | 0.3818 | 0.3606 | 0.3754 | 0.3687 | 0.4383 | 0.3855 | 0.447 | 0.3674 | 0.364 |
| 22 | Co | mg/L | 0.0255 | 0.0149 | 0.0197 | 0.0242 | 0.0114 | 0.0116 | 0.0298 | 0.023 | 0.0148 |
| 23 | Tinggi Muka Air | m | 0.38 | 0.17 | 0.2 | 0.21 | 0.28 | 0.24 | 6.57 | 0.18 | 0.22 |
| Index Pencemaran | | | 2.07 | 1.47 | 1.84 | 1.52 | 1.47 | 1.27 | 3.71 | 4.03 | 2.22 |
| Status Mutu Air | | | Cemar Ringan | Cemar Ringan | Cemar Ringan | Cemar Ringan | Cemar Ringan | Cemar Ringan | Cemar Ringan | Cemar Ringan | Cemar Ringan |

Kualifikasi Mutu Air dengan Metode Index Pencemaran

Skor : Klasifikasi
 0 - 0.9 : Memenuhi Baku Mutu Kelas II
 1 - 4.9 : Cemar Ringan
 5 - 9.9 : Cemar Sedang
 >= 10 : Cemar Berat

LAPORAN HASIL PENGUJIAN
LABORATORIUM LINGKUNGAN PERUM JASA TIRTA I
 Bulan : Agustus 2022

| No | Parameter | Satuan | Stasiun Pengamatan | | | | | | | | |
|-------------------------|------------------|--------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | | | Jarum | Jebol | Pusur | Wd.Mulur | Wd.Cengklik | Ngrukun | Mantingan | Timang | Manggis |
| 1 | Temperatur | °C | 28.5 | 28.6 | 28.4 | 28.5 | 28.3 | 28.3 | 28.4 | 28.4 | 28.3 |
| 2 | TDS | mg/L | 266 | 326 | 288 | 180 | 232 | 368 | 234 | 228 | 208 |
| 3 | TSS | mg/L | 25 | 14 | 33 | 22 | 60 | 26.5 | 29 | 18.5 | 56.5 |
| 4 | pH | - | 7.83 | 7.96 | 7.98 | 7.52 | 7.64 | 7.59 | 7.3 | 7.71 | 7.87 |
| 5 | Fe | mg/L | < 0.0070 | < 0.0070 | < 0.0070 | < 0.0070 | < 0.0070 | < 0.0070 | < 0.0070 | < 0.0070 | < 0.0070 |
| 6 | Mn | mg/L | 0.0746 | 0.0932 | 0.0425 | 0.0947 | < 0.0074 | 0.00153 | 0.0509 | < 0.0074 | < 0.0074 |
| 7 | Cd | mg/L | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 |
| 8 | Zn | mg/L | < 0.0077 | < 0.0077 | < 0.0077 | < 0.0077 | < 0.0077 | < 0.0077 | < 0.0077 | < 0.0077 | < 0.0077 |
| 9 | Pb | mg/L | < 0.0056 | < 0.0056 | < 0.0056 | < 0.0056 | < 0.0056 | < 0.0056 | < 0.0056 | < 0.0056 | < 0.0056 |
| 10 | Cu | mg/L | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 |
| 11 | Cr ⁶⁺ | mg/L | 0.0043 | 0.0034 | 0.0035 | 0.0054 | 0.0068 | 0.0051 | < 0.0030 | 0.0057 | < 0.0030 |
| 12 | Nitrat | mg/L | 1.061 | 1.394 | 1.832 | 0.7501 | 1.203 | 2.69 | 1.756 | 2.999 | 2.006 |
| 13 | Nitrit | mg/L | 0.0038 | 0.0061 | 0.0045 | 0.0049 | 0.0018 | 0.0046 | 0.0065 | 0.0051 | 0.006 |
| 14 | NH ₃ | mg/L | 0.0142 | 0.0126 | 0.0134 | 0.0063 | 0.0081 | 0.0054 | 0.0031 | 0.0101 | 0.0111 |
| 15 | PO ₄ | mg/L | 0.1821 | 0.3358 | 0.2796 | 0.0299 | 0.0685 | 0.143 | 0.1345 | 0.0766 | 0.0756 |
| 16 | COD | mg/L | 24.45 | 21.07 | 24.45 | 24.16 | 21.07 | 23.66 | 24.34 | 23.07 | 23.92 |
| 17 | BOD | mg/L | 4.67 | 4.28 | 4.6 | 4.44 | 5.02 | 4.9 | 5.12 | 4.99 | 5.08 |
| 18 | Cl | mg/L | 13.1 | 17.2 | 16.2 | 17.7 | 14.6 | 17.7 | 19.2 | 15.1 | 18.2 |
| 19 | Ni | mg/L | < 0.0083 | < 0.0083 | < 0.0083 | < 0.0083 | < 0.0083 | < 0.0083 | < 0.0083 | < 0.0083 | < 0.0083 |
| 20 | Warna | Pt.Co | 37.7 | 14.53 | 25.72 | 18.28 | 26.45 | 34.06 | 23.88 | 20.41 | 33.17 |
| 21 | Fluorida | mg/L | 0.6264 | 0.5199 | 0.6864 | 0.5533 | 0.5226 | 0.7757 | 0.4296 | 0.6153 | 0.4648 |
| 22 | Co | mg/L | < 0.0071 | < 0.0071 | < 0.0071 | < 0.0071 | < 0.0071 | < 0.0071 | < 0.0071 | < 0.0071 | < 0.0071 |
| 23 | Tinggi Muka Air | m | 0.1 | 0.04 | 0.04 | 0.02 | 0.3 | 0.11 | 6.57 | 0.03 | 0.06 |
| Index Pencemaran | | | 1.41 | 1.53 | 1.4 | 1.33 | 1.52 | 1.48 | 1.55 | 1.51 | 1.54 |
| Status Mutu Air | | | Cemar Ringan | Cemar Ringan | Cemar Ringan | Cemar Ringan | Cemar Ringan | Cemar Ringan | Cemar Ringan | Cemar Ringan | Cemar Ringan |

Kualifikasi Mutu Air dengan Metode Index Pencemaran

Skor : Klasifikasi
 0 - 0.9 : Memenuhi Baku Mutu Kelas II
 1 - 4.9 : Cemar Ringan
 5 - 9.9 : Cemar Sedang
 >= 10 : Cemar Berat

LAPORAN HASIL PENGUJIAN
LABORATORIUM LINGKUNGAN PERUM JASA TIRTA I
 Bulan : Oktober 2022

| No | Parameter | Satuan | Stasiun Pengamatan | | | | | | | | |
|-------------------------|------------------|--------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | | | Jarum | Jebol | Pusur | Wd.Mulur | Wd.Cengklik | Ngrukun | Mantingan | Timang | Manggis |
| 1 | Temperatur | °C | 28.3 | 28.4 | 28.6 | 28.5 | 28.3 | 28.2 | 28.6 | 28.5 | 28.2 |
| 2 | TDS | mg/L | 216 | 246 | 292 | 202 | 388 | 360 | 206 | 394 | 262 |
| 3 | TSS | mg/L | 73.8 | 11 | 15 | 130 | 19 | 27 | 461 | 48.5 | 76.2 |
| 4 | pH | - | 7.43 | 7.21 | 7.28 | 7.39 | 6.87 | 7.11 | 7.63 | 7.86 | 6.92 |
| 5 | Fe | mg/L | 0.0203 | < 0.0070 | < 0.0070 | < 0.0070 | < 0.0070 | < 0.0070 | < 0.0070 | < 0.0070 | < 0.0070 |
| 6 | Mn | mg/L | < 0.0074 | < 0.0074 | < 0.0074 | < 0.0074 | < 0.0074 | < 0.0074 | < 0.0074 | < 0.0074 | < 0.0074 |
| 7 | Cd | mg/L | 0.0091 | 0.0061 | 0.0027 | 0.0097 | 0.0026 | 0.0086 | 0.0081 | 0.0089 | 0.0092 |
| 8 | Zn | mg/L | < 0.0077 | 0.0085 | 0.0156 | 0.0139 | < 0.0077 | < 0.0077 | < 0.0077 | 0.0157 | 0.0151 |
| 9 | Pb | mg/L | < 0.0056 | < 0.0056 | < 0.0056 | < 0.0056 | < 0.0056 | < 0.0056 | < 0.0056 | < 0.0056 | < 0.0056 |
| 10 | Cu | mg/L | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 |
| 11 | Cr ⁶⁺ | mg/L | 0.0063 | 0.0053 | < 0.0030 | 0.0038 | 0.0056 | < 0.0030 | 0.0067 | 0.0044 | 0.0051 |
| 12 | Nitrat | mg/L | 1.682 | 1.486 | 1.7 | 0.626 | 0.8696 | 0.7724 | 1.88 | 0.7346 | 1.383 |
| 13 | Nitrit | mg/L | 0.0073 | 0.0093 | 0.0109 | 0.0341 | 0.0075 | 0.0108 | 0.0253 | 0.0164 | 0.0114 |
| 14 | NH ₃ | mg/L | 0.0077 | 0.0019 | 0.0024 | 0.0043 | 0.0021 | 0.0026 | 0.0065 | 0.0102 | 0.0013 |
| 15 | PO ₄ | mg/L | 0.2045 | 0.3474 | 0.2729 | 0.0435 | 0.0532 | 0.0987 | 0.2147 | 0.0335 | 0.0983 |
| 16 | COD | mg/L | 27.08 | 16.69 | 17.27 | 17.06 | 16.4 | 19.55 | 31.29 | 19.58 | 23.82 |
| 17 | BOD | mg/L | 5.05 | 5.44 | 5.33 | 4.67 | 5.17 | 4.74 | 5.34 | 4.48 | 4.98 |
| 18 | Cl | mg/L | 14.5 | 14 | 15.5 | 16.5 | 19.5 | 18.5 | 18 | 21 | 17.5 |
| 19 | Ni | mg/L | < 0.0083 | < 0.0083 | < 0.0083 | < 0.0083 | < 0.0083 | < 0.0083 | < 0.0083 | < 0.0083 | < 0.0083 |
| 20 | Warna | Pt.Co | 31.54 | 15.94 | 25.11 | 17.25 | 30.31 | 21.98 | 28.3 | 36.91 | 33.84 |
| 21 | Fluorida | mg/L | 0.3657 | 0.3879 | 0.3647 | 0.417 | 0.3661 | 0.4068 | 0.4097 | 0.4209 | 0.4208 |
| 22 | Co | mg/L | 0.0126 | 0.0167 | 0.0112 | 0.0121 | 0.0121 | 0.0993 | 0.0138 | 0.014 | 0.0193 |
| 23 | Tinggi Muka Air | m | 0.38 | 0.2 | 0.37 | 0.01 | 0.38 | 0.05 | 6.5 | 0.08 | 0.03 |
| Index Pencemaran | | | 1.54 | 1.65 | 1.62 | 2.22 | 1.56 | 1.44 | 4.15 | 1.35 | 4.92 |
| Status Mutu Air | | | Cemar Ringan | Cemar Ringan | Cemar Ringan | Cemar Ringan | Cemar Ringan | Cemar Ringan | Cemar Ringan | Cemar Ringan | Cemar Ringan |

Kualifikasi Mutu Air dengan Metode Index Pencemaran

- Skor : Klasifikasi
 0 - 0.9 : Memenuhi Baku Mutu Kelas II
 1 - 4.9 : Cemar Ringan
 5 - 9.9 : Cemar Sedang
 >= 10 : Cemar Berat

LAPORAN HASIL PENGUJIAN
LABORATORIUM LINGKUNGAN PERUM JASA TIRTA I
 Bulan : November 2022

| No | Parameter | Satuan | Stasiun Pengamatan | | | | | | | | |
|-------------------------|------------------|--------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | | | Jarum | Jebol | Pusur | Wd.Mulur | Wd.Cengklik | Ngrukun | Mantingan | Timang | Manggis |
| 1 | Temperatur | °C | 28.9 | 29.1 | 28.4 | 28.6 | 28.5 | 28.2 | 28.4 | 28.8 | 28.9 |
| 2 | TDS | mg/L | 296 | 300 | 284 | 210 | 220 | 228 | 230 | 272 | 224 |
| 3 | TSS | mg/L | 51 | 19 | 15 | 16.3 | 132.9 | 247 | 115 | 85 | 54 |
| 4 | pH | - | 7.05 | 7.21 | 7.06 | 7.36 | 6.98 | 6.84 | 7.83 | 7.71 | 7.4 |
| 5 | Fe | mg/L | 0.0983 | 0.1585 | 0.0288 | 0.6297 | 0.3694 | 0.2798 | 0.1518 | 0.3819 | 0.263 |
| 6 | Mn | mg/L | 0.2492 | 0.8756 | 0.8452 | 0.5106 | 0.7635 | 0.3778 | 0.3689 | 0.4994 | 0.8266 |
| 7 | Cd | mg/L | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 |
| 8 | Zn | mg/L | < 0.0077 | < 0.0077 | < 0.0077 | < 0.0077 | < 0.0077 | < 0.0077 | < 0.0077 | < 0.0077 | < 0.0077 |
| 9 | Pb | mg/L | < 0.0056 | 0.0115 | 0.0174 | < 0.0056 | 0.0059 | < 0.0056 | < 0.0056 | < 0.0056 | 0.0126 |
| 10 | Cu | mg/L | 0.014 | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 | < 0.0089 |
| 11 | Cr ⁶⁺ | mg/L | < 0.0030 | 0.0044 | 0.0055 | 0.0043 | 0.0058 | 0.0041 | < 0.0030 | 0.0057 | 0.0042 |
| 12 | Nitrat | mg/L | 1.309 | 1.587 | 1.889 | 5.411 | 1.452 | 1.77 | 1.815 | 1.138 | 1.142 |
| 13 | Nitrit | mg/L | 0.0076 | 0.0037 | 0.003 | 0.0077 | 0.0215 | 0.0321 | 0.0159 | 0.0507 | 0.0167 |
| 14 | NH ₃ | mg/L | 0.0006 | 0.0006 | 0.0003 | 0.0016 | 0.0004 | 0.0008 | 0.0026 | 0.002 | 0.0013 |
| 15 | PO ₄ | mg/L | 0.2558 | 0.2612 | 0.2183 | 0.0292 | 0.2195 | 0.1872 | 0.2436 | 0.1203 | 0.165 |
| 16 | COD | mg/L | 23.52 | 27.03 | 25.95 | 26.09 | 28.32 | 28.38 | 26.47 | 28.81 | 26.13 |
| 17 | BOD | mg/L | 4.91 | 5.22 | 4.9 | 4.91 | 5.48 | 5.23 | 4.87 | 5.66 | 4.96 |
| 18 | Cl | mg/L | 12.6 | 13.6 | 14.6 | 18.7 | 17.7 | 23.7 | 10.6 | 18.2 | 11.6 |
| 19 | Ni | mg/L | < 0.0083 | < 0.0083 | < 0.0083 | < 0.0083 | < 0.0083 | < 0.0083 | < 0.0083 | < 0.0083 | < 0.0083 |
| 20 | Warna | Pt.Co | 30.22 | 39.91 | 39.57 | 46.42 | 23.6 | 20.92 | 24.71 | 18.09 | 31.06 |
| 21 | Fluorida | mg/L | 0.4075 | 0.3872 | 0.3635 | 0.4632 | 0.4687 | 0.4532 | 0.3794 | 0.4644 | 0.4103 |
| 22 | Co | mg/L | < 0.0071 | < 0.0071 | < 0.0071 | < 0.0071 | < 0.0071 | < 0.0071 | < 0.0071 | < 0.0071 | < 0.0071 |
| 23 | Tinggi Muka Air | m | 0.38 | 0.2 | 0.37 | 0.01 | 0.38 | 0.005 | 6.57 | 0.03 | 0.08 |
| Index Pencemaran | | | 1.5 | 1.59 | 1.49 | 1.48 | 2.24 | 4.78 | 2.02 | 1.72 | 3.87 |
| Status Mutu Air | | | Cemar Ringan | Cemar Ringan | Cemar Ringan | Cemar Ringan | Cemar Ringan | Cemar Ringan | Cemar Ringan | Cemar Ringan | Cemar Ringan |

Kualifikasi Mutu Air dengan Metode Index Pencemaran

- Skor : Klasifikasi
 0 - 0.9 : Memenuhi Baku Mutu Kelas II
 1 - 4.9 : Cemar Ringan
 5 - 9.9 : Cemar Sedang
 >= 10 : Cemar Berat