**Kualitas Air Sungai di Kabupaten Pati Tahun 2021**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Pemantauan** | **NILAI PEMANTAUAN** | | | | | | | | |
| **pH** | **BOD mg/L** | **COD mg/L** | **TSS mg/L** | **DO mg/L** | **DO-MAX mg/L** | **NO3-N mg/L** | **TOTAL FOSFAT mg/L** | **FECAL COLI FORM mg/L** |
| 1 | (3318-SSG03)  Sungai Silungonggo  Desa Sumberejo  Kec. Gunungwungkal Kab. Pati  13 Oktober 2021 | 8,31 | 5 | 11.438 | 33 | 3,82 | 8 | 15.281 | 0,0062 | 7800 |
| 2 | (3318-SSG02)  Sungai Silungonggo Desa Jembulwunut, Kec. Gunungwungkal Kab. Pati  13 Oktober 2021 | 8,23 | 21 | 46.75 | 8 | 4,9 | 8 | 0,2095 | 0,0043 | 2300 |
| 3 | (3318-SSG01)  Sungai Silungonggo  Desa Perdopo Kec. Gunungwungkal  Kab. Pati  13 Oktober 2021 | 8,13 | 16 | 30.188 | 14 | 5,68 | 8 | 0,2541 | 0,006 | 4500 |
| 4 | (3318-SB03)  Sungai Brati  Ds. Tlogoayu,  Kec. Gabus, Kab. Pati  13 Oktober 2021 | 8,42 | 32 | 68 | 59 | 4,55 | 8 | 0,2769 | 0,0076 | 79 |
| 5 | (3318-SB02)  Sungai Brati  Ds. Karangawen,  Kec. Tambakromo, Kab. Pati  13 Oktober 2021 | 8,36 | 31 | 66.125 | 11 | 5,46 | 8 | 17.385 | 0,003 | 33000 |
| 6 | (3318-SB01)  Sungai Brati  Desa Jatiroto,  Kec. Kayen, Kab. Pati  13 Oktober 2021 | 7,23 | 26 | 53 | 16 | 6,22 | 8 | 0,2209 | 0,0029 | 4500 |
| 7 | (3318-SL03)  Sungai Lengkowo  Desa Panjunan,  Kec. Pati, Kab. Pati  13 Oktober 2021 | 7,96 | 14 | 29,25 | 17 | 3,49 | 8 | 0,9883 | 0,0125 | 920 |

Tabel Lanjutan

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Pemantauan** | **NILAI PEMANTAUAN** | | | | | | | | |
| **pH** | **BOD mg/L** | **COD mg/L** | **TSS mg/L** | **DO mg/L** | **DO-MAX mg/L** | **NO3-N mg/L** | **TOTAL FOSFAT mg/L** | **FECAL COLI FORM mg/L** |
| 8. | (3318-SL02)  Sungai Lengkowo Desa Gambiran  Kec. Margorejo  Kab. Pati  13 Oktober 2021 | 7,83 | 11 | 24.875 | 9 | 5.99 | 8 | 14.103 | 0,0066 | 17000 |
| 9. | (3318-SL01)  Sungai Lengkowo Desa Bermi,  Kec. Gembong  Kab. Pati  13 Oktober 2021  ADA SHU | 7,76 | 21 | 43.625 | 3 | 6.57 | 8 | 0.118 | 0,0046 | 33 |
| 10. | (3318-SS03)  Sungai Sani  Dk. Gilis  Desa Sugiharjo  Kec. Pati Kab. Pati  13 Oktober 2021 | 7,82 | 16 | 34,25 | 61 | 3,79 | 8 | 29.979 | 0,0036 | 17000 |
| 11. | (3318-SS02)  Sungai Sani  Desa Sidokerto  Kec. Pati Kab. Pati  13 Oktober 2021 | 7,83 | 24 | 47.375 | 17 | 4,11 | 8 | 19.901 | 0,005 | 7800 |
| 12. | (3318-SS01)  Sungai Sani  Desa Pohgading Kec. Gembong Kab. Pati  13 Oktober 2021 | 8,51 | 15 | 32.375 | 9 | 4,98 | 8 | 0,2472 | 0,0042 | 400 |
| 13. | (3318-SJ03)  Sungai Jiglong  Desa Panjunan, Kec. Pati, Kab. Pati  13 Oktober 2021 | 7,76 | 34 | 70.188 | 141 | 3,42 | 8 | 0,2449 | 0,0228 | 3500000 |
| 14. | (3318-SJ02)  Sungai Jiglong  Kel. Pati Kidul, Kec. Pati Kab. Pati  13 Oktober 2021 | 7,44 | 33 | 75.813 | 13 | 3,94 | 8 | 0,11 | 0,0165 | 3500000 |

Tabel Lanjutan

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Pemantauan** | **NILAI PEMANTAUAN** | | | | | | | | |
| **pH** | **BOD mg/L** | **COD mg/L** | **TSS mg/L** | **DO mg/L** | **DO-MAX mg/L** | **NO3-N mg/L** | **TOTAL FOSFAT mg/L** | **FECAL COLI FORM mg/L** |
| 15. | (3318-SJ01)  Sungai Jiglong  Desa Kedungbulus Kec. Gembong  Kab. Pati  13 Oktober 2021 | 8,2 | 6 | 12.063 | 9 | 3,59 | 8 | 0.2163 | 0,0048 | 230000 |
| 16. | (3318-SSG03)  Sungai Silungonggo  Desa Sumberejo  Kec. Gunungwungkal Kab. Pati  30 Maret 2021 | 7,82 | 12 | 26.114 | 34 | 3,01 | 8 | 0.7713 | 0,0171 | 91000 |
| 17. | (3318-SSG02)  Sungai Silungonggo  Desa Jembulwunut, Kec. Gunungwungkal Kab. Pati  30 Maret 2021 | 8,11 | 12 | 24,4 | 42 | 3,04 | 8 | 0.6018 | 0,0104 | 20000 |
| 18. | (3318-SSG01)  Sungai Silungonggo  Desa Perdopo  Kec. Gunungwungkal  Kab. Pati  30 Maret 2021 | 7,93 | 11 | 21.257 | 34 | 5,19 | 8 | 0.5806 | 0,0231 | 45000 |
| 19. | (3318-SB03)  Sungai Brati  Ds. Tlogoayu,  Kec. Gabus, Kab. Pati  30 Maret 2021 | 7,83 | 6 | 15.829 | 13 | 4,82 | 8 | 43.887 | 0,0053 | 20000 |
| 20. | (3318-SB02)  Sungai Brati  Ds. Karangawen,  Kec. Tambakromo, Kab. Pati  30 Maret 2021 | 7,8 | 10 | 20,4 | 36 | 4,99 | 8 | 75.942 | 0,0009 | 17000 |

Tabel Lanjutan

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Pemantauan** | **NILAI PEMANTAUAN** | | | | | | | | |
| **pH** | **BOD mg/L** | **COD mg/L** | **TSS mg/L** | **DO mg/L** | **DO-MAX mg/L** | **NO3-N mg/L** | **TOTAL FOSFAT mg/L** | **FECAL COLI FORM mg/L** |
| 21. | (3318-SB01)  Sungai Brati  Desa Jatiroto,  Kec. Kayen, Kab. Pati  30 Maret 2021 | 7,17 | 6 | 12,4 | 26 | 4.26 | 8 | 0,7567 | 0,0054 | 240 |
| 22. | (3318-SL03)  Sungai Lengkowo,  Desa Panjunan,  Kec. Pati, Kab. Pati  30 Maret 2021 | 7,5 | 17 | 36,4 | 85 | 3.26 | 8 | 85.502 | 0,0134 | 130.000 |
| 23. | (3318-SL02)  Sungai Lengkowo Desa Gambiran Kec. Margorejo Kab. Pati  30 Maret 2021 | 7,43 | 6 | 12.971 | 45 | 4.64 | 8 | 17.625 | 0,0079 | 230.000 |
| 24. | (3318-SL01)  Sungai Lengkowo Desa Bermi,  Kec. Gembong  Kab. Pati  30 Maret 2021 | 6,57 | 5 | 8.971 | 5 | 4.81 | 8 | 0,4676 | 0,0067 | 33 |
| 25. | (3318-SS03)  Sungai Sani  Dkh Gilis  Desa Sugiharjo  Kec. Pati Kab. Pati  30 Maret 2021 | 7,27 | 11 | 24.4 | 87 | 3.31 | 8 | 30.076 | 0,0064 | 490.000 |
| 26. | (3318-SS02)  Sungai Sani  Desa Sidokerto Kec.Pati Kab. Pati  30 Maret 2021 | 7,36 | 6 | 12.686 | 15 | 3.15 | 8 | 0,5611 | 0,0031 | 20.000 |
| 27. | (3318-SS01)  Sungai Sani  Desa Pohgading  Kec. Gembong  Kab. Pati  30 Maret 2021 | 6 | 7 | 12,4 | 2 | 4.81 | 8 | 10.167 | 0,0041 | 240 |

Tabel Lanjutan

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Pemantauan** | **NILAI PEMANTAUAN** | | | | | | | | |
| **pH** | **BOD mg/L** | **COD mg/L** | **TSS mg/L** | **DO mg/L** | **DO-MAX mg/L** | **NO3-N mg/L** | **TOTAL FOSFAT mg/L** | **FECAL COLI FORM mg/L** |
| 28. | (3318-SJ03)  Sungai Jiglong  Desa Panjunan,  Kec. Pati, Kab. Pati  30 Maret 2021 | 7,62 | 21 | 42.971 | 19 | 1,74 | 8 | 0,7531 | 0,244 | 2400000 |
| 29. | (3318-SJ02)  Sungai Jiglong  Kel. Pati Kidul,  Kec. Pati Kab. Pati  30 Maret 2021 | 7,37 | 13 | 27.257 | 14 | 2,96 | 8 | 1.081 | 0,0091 | 1300000 |
| 30. | (3318-SJ01) Sungai Jiglong  Desa Kedungbulus Kec. Gembong Kab. Pati30 Maret 2021 | 8 | 5 | 11.829 | 16 | 5,32 | 8 | 0,8782 | 0,0022 | 1400 |

Sumber : Dinas Lingkungan Hidup Kabupaten Pati

Hasil Perhitungan Indeks Kualitas Air Kabupaten Pati Tahun 2021

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Jumlah Titik | | | | Nilai Indeks Per Mutu | | | | IK |
| Memenuhi | Ringan | Sedang | Berat | Memenuhi | Ringan | Sedang | Berat |
| 1. | 0 | 13 | 12 | 5 | 0 | 21,67 | 12 | 1,67 | 35,33 |