

| 210 MLD SEWAGE TREATMENT PLANT,BINGAWAN,KANPUR | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------|------------------|------------|----------|----------|----------------|----------------|----------------|--------------------|----------|------|--------|-------|--------|--------------|----------|----------|-----------------|----------------|----------------|----------------------|----------------|----------------|----------|--------|
| MONTHLY FLOW & LAB REPORT | | | | | | | | | | | | | | | | | | | | | | | | | |
| MONTH-June-2022 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Date | INLET FLOW in MLD | Plant Run in HRS | RAW SEWAGE | | | | | | AFTER UASB REACTOR | | | | | | FINAL OUTLET | | | | | | Sludge Concentration | FECAL COLIFORM | POWER SHUTDOWN | | REMARK |
| | | | Temp | TDS | PH (7-8) | COD (520mg /l) | BOD (320mg /l) | TSS (600mg /l) | Temp | TDS | PH | COD | BOD | TSS | Temp | TDS | PH (7-8) | COD (<100 mg/l) | BOD (<30m g/l) | TSS (<50m g/l) | | <1000 | | | |
| | | | °c | ppm | ppm | ppm | ppm | ppm | °c | ppm | ppm | ppm | ppm | ppm | °c | ppm | ppm | ppm | ppm | ppm | | ppm | % | mpn | |
| 1-Jun-22 | 143.72 | 24.0 | 30 | 1030 | 7.2 | 592 | 185 | 410 | 30 | 1050 | 7.1 | 224 | 72 | 187 | 30 | 1010 | 7.4 | 112 | 37 | 40 | 31.63 | 27750 | | | |
| 2-Jun-22 | 142.16 | 24.0 | 30 | 1000 | 7.2 | 560 | 175 | 427 | 30 | 1020 | 7.1 | 220 | 69 | 177 | 29 | 980 | 7.4 | 120 | 38 | 42 | 32.61 | 33300 | | | |
| 3-Jun-22 | 150.49 | 24.0 | 29 | 1040 | 7.1 | 576 | 180 | 430 | 29 | 1050 | 7.0 | 200 | 66 | 183 | 29 | 1020 | 7.3 | 136 | 43 | 46 | 32.92 | 24130 | | | |
| 4-Jun-22 | 148.58 | 24.0 | 29 | 1020 | 7.1 | 544 | 185 | 420 | 29 | 1030 | 6.9 | 190 | 66 | 180 | 28 | 1010 | 7.3 | 128 | 40 | 45 | 32.21 | 22200 | | | |
| 5-Jun-22 | 138.68 | 24.0 | 28 | 1060 | 7.2 | 550 | 185 | 445 | 28 | 1080 | 7.0 | 210 | 72 | 175 | 28 | 1030 | 7.5 | 130 | 42 | 40 | 32.05 | 31714 | | | |
| 6-Jun-22 | 144.93 | 24.0 | 29 | 1040 | 7.1 | 536 | 175 | 453 | 29 | 1060 | 6.9 | 200 | 69 | 187 | 29 | 1020 | 7.4 | 120 | 44 | 44 | 31.51 | 27750 | | | |
| 7-Jun-22 | 142.52 | 24.0 | 30 | 1030 | 7.1 | 552 | 180 | 402 | 30 | 1050 | 6.9 | 184 | 66 | 160 | 29 | 1010 | 7.4 | 136 | 45 | 36 | 31.54 | 36075 | | | |
| 8-Jun-22 | 136.79 | 24.0 | 30 | 1050 | 7.2 | 528 | 165 | 400 | 30 | 1080 | 7.1 | 208 | 72 | 165 | 30 | 1040 | 7.3 | 128 | 46 | 37 | 32.00 | 33300 | | | |
| 9-Jun-22 | 159.52 | 24.0 | 30 | 1030 | 7.2 | 530 | 170 | 417 | 30 | 1050 | 7.1 | 200 | 69 | 163 | 28 | 1010 | 7.4 | 140 | 48 | 42 | 31.54 | 27750 | | | |
| 10-Jun-22 | 156.58 | 24.0 | 29 | 1060 | 7.1 | 544 | 185 | 430 | 29 | 1070 | 6.9 | 192 | 66 | 173 | 29 | 1040 | 7.4 | 144 | 49 | 38 | 31.68 | 31714 | | | |
| 11-Jun-22 | 157.27 | 24.0 | 29 | 1040 | 7.3 | 552 | 190 | 425 | 29 | 1060 | 7.1 | 216 | 75 | 175 | 28 | 1030 | 7.5 | 160 | 52 | 40 | 32.35 | 22200 | | | |
| 12-Jun-22 | 150.85 | 24.0 | 31 | 1010 | 7.2 | 560 | 195 | 450 | 30 | 1030 | 7.0 | 208 | 72 | 183 | 29 | 1000 | 7.3 | 152 | 50 | 45 | 32.31 | 36075 | | | |
| 13-Jun-22 | 145.81 | 24.0 | 30 | 1020 | 7.1 | 536 | 175 | 437 | 30 | 1050 | 6.9 | 200 | 66 | 180 | 30 | 1010 | 7.3 | 136 | 44 | 44 | 31.51 | 39642 | | | |
| 14-Jun-22 | 140.77 | 24.0 | 30 | 1040 | 7.1 | 540 | 170 | 447 | 30 | 1070 | 6.9 | 210 | 69 | 175 | 29 | 1020 | 7.4 | 150 | 46 | 43 | 31.77 | 27750 | | | |
| 15-Jun-22 | 143.04 | 24.0 | 29 | 1050 | 7.1 | 528 | 160 | 433 | 28 | 1060 | 7.0 | 208 | 66 | 177 | 28 | 1030 | 7.4 | 144 | 45 | 40 | 33.04 | 33300 | | | |
| 16-Jun-22 | 144.58 | 24.0 | 29 | 1010 | 7.2 | 528 | 165 | 440 | 29 | 1030 | 7.0 | 184 | 63 | 180 | 28 | 1000 | 7.5 | 136 | 43 | 46 | 31.72 | 31714 | | | |
| 17-Jun-22 | 134.19 | 24.0 | 28 | 1030 | 7.2 | 544 | 175 | 463 | 28 | 1060 | 6.9 | 200 | 72 | 187 | 28 | 1010 | 7.4 | 152 | 47 | 42 | 31.68 | 36075 | | | |
| 18-Jun-22 | 153.27 | 24.0 | 28 | 1050 | 7.2 | 560 | 180 | 450 | 28 | 1070 | 6.9 | 224 | 78 | 170 | 27 | 1020 | 7.3 | 168 | 51 | 38 | 32.17 | 24130 | | | |
| 19-Jun-22 | 141.64 | 24.0 | 27 | 1040 | 7.1 | 576 | 190 | 457 | 27 | 1050 | 6.9 | 232 | 75 | 183 | 27 | 1020 | 7.3 | 160 | 50 | 44 | 32.08 | 24130 | | | |
| 20-Jun-22 | 130.35 | 24.0 | 29 | 1030 | 7.1 | 592 | 205 | 467 | 28 | 1060 | 7.1 | 240 | 84 | 163 | 28 | 1010 | 7.3 | 176 | 52 | 42 | 31.48 | 27750 | | | |
| 21-Jun-22 | 139.56 | 24.0 | 30 | 1070 | 7.2 | 552 | 180 | 450 | 29 | 1090 | 7.1 | 200 | 66 | 160 | 29 | 1050 | 7.4 | 144 | 48 | 36 | 31.79 | 22200 | | | |
| 22-Jun-22 | 135.39 | 24.0 | 30 | 1020 | 7.2 | 568 | 185 | 470 | 30 | 1050 | 7.0 | 208 | 69 | 186 | 30 | 1010 | 7.4 | 160 | 51 | 48 | 32.02 | 36075 | | | |
| 23-Jun-22 | 129.66 | 24.0 | 30 | 1030 | 7.2 | 528 | 160 | 420 | 29 | 1070 | 6.9 | 224 | 72 | 163 | 29 | 1000 | 7.3 | 184 | 54 | 44 | 32.08 | 31714 | | | |
| 24-Jun-22 | 141.29 | 24.0 | 29 | 1040 | 7.1 | 544 | 175 | 407 | 29 | 1060 | 6.9 | 208 | 66 | 160 | 29 | 1020 | 7.3 | 168 | 50 | 40 | 32.51 | 36075 | | | |
| 25-Jun-22 | 137.99 | 24.0 | 29 | 1000 | 7.1 | 560 | 180 | 433 | 29 | 1010 | 6.9 | 240 | 78 | 177 | 28 | 980 | 7.3 | 184 | 48 | 42 | 32.89 | 39642 | | | |
| 26-Jun-22 | 135.75 | 24.0 | 30 | 1020 | 7.1 | 584 | 195 | 447 | 30 | 1050 | 7.0 | 248 | 81 | 180 | 29 | 1000 | 7.4 | 200 | 50 | 45 | 32.57 | 33300 | | | |
| 27-Jun-22 | 143.21 | 24.0 | 29 | 1040 | 7.2 | 536 | 170 | 450 | 29 | 1060 | 7.1 | 192 | 72 | 187 | 29 | 1030 | 7.4 | 160 | 44 | 44 | 32.73 | 27750 | | | |
| 28-Jun-22 | 147.37 | 24.0 | 28 | 1030 | 7.2 | 528 | 165 | 463 | 28 | 1050 | 7.0 | 184 | 63 | 183 | 28 | 1000 | 7.4 | 144 | 43 | 46 | 32.74 | 24130 | | | |
| 29-Jun-22 | 84.36 | 24.0 | 28 | 1010 | 7.2 | 528 | 160 | 470 | 28 | 1020 | 6.9 | 176 | 60 | 193 | 27 | 980 | 7.3 | 128 | 40 | 48 | 31.85 | 22200 | 12Hrs. | 05 Mins. | |
| 30-Jun-22 | 138.69 | 24.0 | 29 | 1040 | 7.1 | 530 | 160 | 457 | 29 | 1060 | 6.9 | 184 | 66 | 180 | 28 | 1010 | 7.3 | 120 | 38 | 44 | 31.54 | 31714 | | | |
| TOTAL | 4239.01 | 24.00 | | | | | | | | | | | | | | | | | | | | | | | |
| AVG | 141.30 | 24.00 | 29.20 | 1,032.67 | 7.16 | 549.53 | 177.33 | 439.00 | 29.03 | 1,053.33 | 6.98 | 207.13 | 70.00 | 176.40 | 28.57 | 1,013.33 | 7.37 | 147.33 | 45.93 | 42.37 | 32.08 | 30,108.30 | 12Hrs. | 05Mins. | |

