

**130 MLD STP, JAJMAU KANPUR  
MONTHLY LAB ANALYSIS REPORT**

**MONTH-MAY-2022**

| Date         | INLET FLOW in MLD | Plant Run in HRS | RAW SEWAGE |          |          |               |               |               | FINAL OUTLET |          |          |                |               |               | POWER SHUTDOWN |      | REMARK |
|--------------|-------------------|------------------|------------|----------|----------|---------------|---------------|---------------|--------------|----------|----------|----------------|---------------|---------------|----------------|------|--------|
|              |                   |                  | Temp       | TDS      | PH (7-8) | COD (600mg/l) | BOD (300mg/l) | TSS (600mg/l) | Temp         | TDS      | PH (7-8) | COD (<100mg/l) | BOD (<30mg/l) | TSS (<50mg/l) | HRS            | MINS |        |
|              |                   |                  | °c         | ppm      | ppm      | ppm           | ppm           | ppm           | °c           | ppm      | ppm      | ppm            | ppm           | ppm           |                |      |        |
| 1-May-22     | 113               | 24               | 30         | 1060     | 7.2      | 600           | 195           | 480           | 29           | 1030     | 7.4      | 176            | 45            | 60            |                |      |        |
| 2-May-22     | 110               | 24               | 30         | 1040     | 7.2      | 608           | 200           | 467           | 30           | 1010     | 7.3      | 168            | 43            | 56            |                |      |        |
| 3-May-22     | 109               | 24               | 29         | 1030     | 7.1      | 592           | 185           | 486           | 29           | 1020     | 7.4      | 160            | 42            | 58            |                |      |        |
| 4-May-22     | 115               | 24               | 29         | 1010     | 7.3      | 616           | 195           | 486           | 28           | 990      | 7.5      | 184            | 46            | 64            |                |      |        |
| 5-May-22     | 107               | 24               | 29         | 1050     | 7.2      | 610           | 180           | 490           | 28           | 1020     | 7.5      | 176            | 44            | 62            |                |      |        |
| 6-May-22     | 106               | 24               | 28         | 1030     | 7.2      | 592           | 185           | 480           | 28           | 1000     | 7.5      | 168            | 43            | 56            |                |      |        |
| 7-May-22     | 109               | 24               | 28         | 1060     | 7.3      | 624           | 195           | 493           | 28           | 1040     | 7.6      | 144            | 40            | 64            |                |      |        |
| 8-May-22     | 121               | 24               | 29         | 1020     | 7.1      | 600           | 180           | 477           | 27           | 1010     | 7.4      | 128            | 35            | 58            |                |      |        |
| 9-May-22     | 107               | 24               | 29         | 1030     | 7.1      | 610           | 185           | 467           | 28           | 1010     | 7.4      | 152            | 39            | 52            |                |      |        |
| 10-May-22    | 118               | 24               | 29         | 1050     | 7.2      | 616           | 190           | 460           | 28           | 1030     | 7.5      | 130            | 36            | 50            |                |      |        |
| 11-May-22    | 117               | 24               | 28         | 1020     | 7.2      | 608           | 190           | 457           | 28           | 1000     | 7.5      | 136            | 35            | 56            |                |      |        |
| 12-May-22    | 81                | 24               | 30         | 1060     | 7.2      | 600           | 185           | 470           | 30           | 1040     | 7.4      | 140            | 37            | 60            |                |      |        |
| 13-May-22    | 116               | 24               | 30         | 1050     | 7.1      | 624           | 205           | 453           | 29           | 1030     | 7.4      | 150            | 38            | 58            |                |      |        |
| 14-May-22    | 108               | 24               | 29         | 1030     | 7.1      | 610           | 200           | 480           | 29           | 1010     | 7.4      | 144            | 37            | 62            |                |      |        |
| 15-May-22    | 119               | 24               | 29         | 1020     | 7.2      | 608           | 210           | 467           | 29           | 1000     | 7.5      | 130            | 35            | 56            |                |      |        |
| 16-May-22    | 120               | 24               | 30         | 1050     | 7.1      | 600           | 205           | 450           | 30           | 1030     | 7.4      | 120            | 36            | 52            |                |      |        |
| 17-May-22    | 115               | 24               | 29         | 1030     | 7.1      | 600           | 200           | 470           | 29           | 1000     | 7.4      | 112            | 34            | 50            |                |      |        |
| 18-May-22    | 117               | 24               | 30         | 1040     | 7.1      | 624           | 215           | 483           | 29           | 1020     | 7.4      | 128            | 38            | 56            |                |      |        |
| 19-May-22    | 113               | 24               | 29         | 1060     | 7.2      | 616           | 195           | 497           | 28           | 1030     | 7.5      | 224            | 45            | 66            |                |      |        |
| 20-May-22    | 106               | 24               | 29         | 1010     | 7.2      | 620           | 200           | 480           | 29           | 1000     | 7.5      | 136            | 40            | 54            |                |      |        |
| 21-May-22    | 108               | 24               | 28         | 1030     | 7.1      | 610           | 205           | 467           | 28           | 1010     | 7.4      | 128            | 38            | 60            |                |      |        |
| 22-May-22    | 103               | 24               | 28         | 1040     | 7.3      | 608           | 195           | 473           | 28           | 1020     | 7.5      | 120            | 37            | 56            |                |      |        |
| 23-May-22    | 108               | 24               | 29         | 1050     | 7.2      | 616           | 200           | 470           | 28           | 1040     | 7.5      | 130            | 40            | 52            |                |      |        |
| 24-May-22    | 105               | 24               | 28         | 1020     | 7.2      | 624           | 210           | 455           | 27           | 1010     | 7.5      | 128            | 39            | 55            |                |      |        |
| 25-May-22    | 103               | 24               | 28         | 1040     | 7.2      | 600           | 190           | 467           | 28           | 1020     | 7.4      | 120            | 37            | 50            |                |      |        |
| 26-May-22    | 97                | 24               | 29         | 1070     | 7.1      | 640           | 215           | 480           | 29           | 1040     | 7.4      | 136            | 40            | 54            |                |      |        |
| 27-May-22    | 96                | 24               | 29         | 1050     | 7.1      | 616           | 200           | 473           | 29           | 1030     | 7.3      | 128            | 38            | 55            |                |      |        |
| 28-May-22    | 106               | 24               | 30         | 1020     | 7.2      | 608           | 210           | 477           | 29           | 1000     | 7.5      | 120            | 36            | 53            |                |      |        |
| 29-May-22    | 107               | 24               | 30         | 1030     | 7.2      | 610           | 190           | 463           | 30           | 1010     | 7.5      | 130            | 40            | 50            |                |      |        |
| 30-May-22    | 96                | 24               | 29         | 1000     | 7.1      | 640           | 220           | 487           | 29           | 980      | 7.4      | 144            | 42            | 54            |                |      |        |
| 31-May-22    | 108               | 24               | 29         | 1020     | 7.2      | 616           | 205           | 490           | 28           | 1010     | 7.5      | 128            | 38            | 58            |                |      |        |
| <b>TOTAL</b> | 3364.0            | 744              |            |          |          |               |               |               |              |          |          |                |               |               |                |      |        |
| <b>AVG</b>   | 108.52            | 24.00            | 29.03      | 1,036.13 | 7.17     | 611.81        | 197.90        | 474.03        | 28.58        | 1,015.81 | 7.45     | 142.52         | 39.13         | 56.35         |                |      |        |