



**WATER SUPPLY IMPROVEMENT SCHEME TO EXPANDED  
COIMBATORE CORPORATION INCLUDING NEWLY MERGED AREAS WITH  
RIVER BHAVANI AS SOURCE PILLUR-3  
DAILY REPORT ON DATE: 08-08-2025**

### RAW WATER PUMP HOUSE

|             |                                   |
|-------------|-----------------------------------|
| GL: 311.20m | VTP SETS :32300 lpm x 121 m (4+2) |
|-------------|-----------------------------------|

|     | LEVEL TRANSMITTER 01 (m) | LEVEL TRANSMITTER 02 (m) | PRESSURE TRANSMITTER 01 (mH2O) | PRESSURE TRANSMITTER 02 (mH2O) | PRESSURE TRANSMITTER 03 (mH2O) | PRESSURE TRANSMITTER 04 (mH2O) | PRESSURE TRANSMITTER 05 (mH2O) | PRESSURE TRANSMITTER 06 (mH2O) | OUTLET PRESSURE TRANSMITTER (mH2O) | OUTLET FLOW TRANSMITTER (m3/hr) |
|-----|--------------------------|--------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------------|---------------------------------|
| MAX | 8.65                     | 8.93                     | 114.24                         | 2.07                           | 176.67                         | 2.45                           | 2.32                           | 0.00                           | 101.83                             | 7068.00                         |
| MIN | 6.92                     | 6.99                     | 0.00                           | -1.07                          | 155.67                         | -1.73                          | -1.76                          | 0.00                           | 93.56                              | 4156.00                         |
| AVG | 7.83                     | 8.01                     | 99.34                          | 0.31                           | 165.72                         | 0.30                           | 0.17                           | 0.00                           | 97.65                              | 6138.26                         |

### RAW WATER PUMP HOUSE - WATER QUALITY ANALYZER

|     | pH   | CONDUCTIVITY (µS/m) | ORP (mV) | FREE CHLORINE (mg/L) | TOTAL CHLORINE (mg/L) |
|-----|------|---------------------|----------|----------------------|-----------------------|
| MAX | 6.62 | 63.80               | 462.80   | 1.71                 | 1.81                  |
| MIN | 6.18 | 44.80               | 222.00   | 1.69                 | 1.79                  |
| AVG | 6.41 | 55.65               | 301.72   | 1.70                 | 1.80                  |

### RAW WATER PUMP HOUSE - FLOW TOTALIZERS

| TOTALIZER             | INITIAL FLOW (m3) | FINAL FLOW (m3) | CUM FLOW (m3) |
|-----------------------|-------------------|-----------------|---------------|
| OUTLET FLOW TOTALIZER | 6073507.50        | 6219420.50      | 145913.00     |

### RAW WATER PUMP HOUSE - PUMP RUN HOURS

| PUMP NAME | START TIME          | STOP TIME           | DURATION |
|-----------|---------------------|---------------------|----------|
| VTP-01    | 2025-08-06 05:56:43 | 2025-08-08 08:45:00 | 02:48:17 |
| VTP-02    | 00:00:00            | 00:00:00            | 00:00:00 |
| VTP-03    | 00:00:00            | 00:00:00            | 00:00:00 |
| VTP-04    | 00:00:00            | 00:00:00            | 00:00:00 |
| VTP-05    | 00:00:00            | 00:00:00            | 00:00:00 |
| VTP-06    | 00:00:00            | 00:00:00            | 00:00:00 |



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**CLEAR WATER PUMP HOUSE**

|             |                                   |
|-------------|-----------------------------------|
| GL: 407.50m | VTP SETS :31360 lpm x 129 m (4+2) |
|-------------|-----------------------------------|

|     | LEVEL TRANSMITTER (m) | PRESSURE TRANSMITTER 01 (mH2O) | PRESSURE TRANSMITTER 02 (mH2O) | PRESSURE TRANSMITTER 03 (mH2O) | PRESSURE TRANSMITTER 04 (mH2O) | PRESSURE TRANSMITTER 05 (mH2O) | PRESSURE TRANSMITTER 06 (mH2O) | OUTLET PRESSURE TRANSMITTER (mH2O) | OUTLET FLOW TRANSMITTER (m3/hr) |
|-----|-----------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------------|---------------------------------|
| MAX | 6.75                  | 121.73                         | 121.71                         | 122.84                         | 0.00                           | 120.86                         | 0.00                           | 118.99                             | 6466.00                         |
| MIN | 0.00                  | 0.00                           | 0.00                           | 0.00                           | 0.00                           | 0.00                           | 0.00                           | 0.00                               | 0.00                            |
| AVG | 4.94                  | 96.48                          | 96.11                          | 76.53                          | 0.00                           | 96.10                          | 0.00                           | 94.95                              | 4899.67                         |

**CLEAR WATER PUMP HOUSE - WATER QUALITY ANALYZER**

|     | pH   | CONDUCTIVITY (µS/m) | ORP (mV) | FREE CHLORINE (mg/L) | TOTAL CHLORINE (mg/L) |
|-----|------|---------------------|----------|----------------------|-----------------------|
| MAX | 7.25 | 61.80               | 654.40   | 0.52                 | 0.62                  |
| MIN | 0.00 | 0.00                | 0.00     | 0.00                 | 0.00                  |
| AVG | 5.78 | 47.03               | 502.58   | 0.30                 | 0.38                  |

**CLEAR WATER PUMP HOUSE - FLOW TOTALIZER**

| TOTALIZER             | INITIAL FLOW (m3) | FINAL FLOW (m3) | CUM FLOW (m3) |
|-----------------------|-------------------|-----------------|---------------|
| OUTLET FLOW TOTALIZER | 0.00              | 6250528.50      | 6250528.50    |

**CLEAR WATER PUMP HOUSE - PUMP RUN HOURS**

| PUMP NAME | START TIME          | STOP TIME           | DURATION |
|-----------|---------------------|---------------------|----------|
| VTP-01    | 00:00:00            | 00:00:00            | 00:00:00 |
| VTP-02    | 00:00:00            | 00:00:00            | 00:00:00 |
| VTP-03    | 2025-08-07 12:51:09 | 2025-08-08 07:07:04 | 18:15:55 |
| VTP-04    | 00:00:00            | 00:00:00            | 00:00:00 |
| VTP-05    | 00:00:00            | 00:00:00            | 00:00:00 |
| VTP-06    | 00:00:00            | 00:00:00            | 00:00:00 |



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**MASTER STORAGE TANK (PANNIMADAI) – 2 NOs**

|                   |              |              |
|-------------------|--------------|--------------|
| CAP: 73 LL (Each) | TFL: 512.35m | MWL: 516.00m |
|-------------------|--------------|--------------|

|     | LEVEL<br>TRANSMITTER 01<br>(M) | LEVEL<br>TRANSMITTER 02<br>(M) | PRESSURE<br>TRANSMITTER<br>(mH2O) | FLOW<br>TRANSMITTER 01<br>(m3/Hr) – FM1 | FLOW<br>TRANSMITTER 02<br>(m3/Hr) – FM2 |
|-----|--------------------------------|--------------------------------|-----------------------------------|---|---|
| MAX | 3.00                           | 3.00                           | 0.00                              | 0.00                                    | 0.00                                    |
| MIN | 2.00                           | 3.00                           | 0.00                              | 0.00                                    | 0.00                                    |
| Avg | 2.96                           | 3.00                           | 0.00                              | 0.00                                    | 0.00                                    |

**MASTER STORAGE TANK - WATER QUALITY ANALYZER**

|     | CHLORINE<br>(mg/L) | CONDUCTIVITY<br>(µS/m) | pH   | ORP<br>(mv) |
|-----|--------------------|------------------------|------|-------------|
| MAX | 1.00               | 150.00                 | 7.00 | 1151.00     |
| MIN | 1.00               | 129.00                 | 7.00 | 1144.00     |
| Avg | 1.00               | 134.25                 | 7.00 | 1149.16     |

**MASTER STORAGE TANK - FLOW TOTALIZERS**

| TOTALIZER                          | INITIAL FLOW<br>(m³) | FINAL FLOW<br>(m³) | CUM FLOW<br>(m³) |
|------------------------------------|----------------------|--------------------|------------------|
| FEEDER MAIN - I<br>FLOW TOTALIZER  | 0.00                 | 0.00               | 0.00             |
| FEEDER MAIN - II<br>FLOW TOTALIZER | 0.00                 | 0.00               | 0.00             |



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**RAW WATER TRANSMISSION LINE**

|     | RTL-01<br>(mH <sub>2</sub> O) | RTL-02<br>(mH <sub>2</sub> O) | RTL-03<br>(mH <sub>2</sub> O) | RTL-04<br>(mH <sub>2</sub> O) | RTL-05<br>(mH <sub>2</sub> O) | RTL-06<br>(mH <sub>2</sub> O) |
|-----|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| MAX | 0.00                          | 0.00                          | 57.00                         | 0.00                          | 53.00                         | 149.00                        |
| MIN | 0.00                          | 0.00                          | 57.00                         | 0.00                          | 53.00                         | 106.00                        |
| AVG | 0.00                          | 0.00                          | 57.00                         | 0.00                          | 53.00                         | 129.63                        |

**CLEAR WATER TRANSMISSION LINE**

|     | CTL-01<br>(mH <sub>2</sub> O) | CTL-02<br>(mH <sub>2</sub> O) | CTL-03<br>(mH <sub>2</sub> O) | CTL-04<br>(mH <sub>2</sub> O) | CTL-05<br>(mH <sub>2</sub> O) | CTL-06<br>(mH <sub>2</sub> O) |
|-----|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| MAX | 0.00                          | 38.00                         | 0.00                          | 0.00                          | 31.00                         | 0.00                          |
| MIN | 0.00                          | 0.00                          | 0.00                          | 0.00                          | 31.00                         | 0.00                          |
| AVG | 0.00                          | 27.25                         | 0.00                          | 0.00                          | 31.00                         | 0.00                          |

**FEEDER MAIN I TRANSMISSION LINE**

|     | FMA-01<br>(mH <sub>2</sub> O) | FMA-02<br>(mH <sub>2</sub> O) | FMA-03<br>(mH <sub>2</sub> O) | FMA-04<br>(mH <sub>2</sub> O) | FMA-05<br>(mH <sub>2</sub> O) | FMA-06<br>(mH <sub>2</sub> O) | FMA-07<br>(mH <sub>2</sub> O) | FMA-08<br>(mH <sub>2</sub> O) | FMA-09<br>(mH <sub>2</sub> O) | FMA-10<br>(mH <sub>2</sub> O) | FMA-11<br>(mH <sub>2</sub> O) | FMA-12<br>(mH <sub>2</sub> O) |
|-----|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| MAX | 135.00                        | 0.00                          | 6.00                          | 0.00                          | 2.00                          | 0.00                          | 54.00                         | 0.00                          | 75.00                         | 0.00                          | 0.00                          | 34.00                         |
| MIN | 0.00                          | 0.00                          | 4.00                          | 0.00                          | 2.00                          | 0.00                          | 53.00                         | 0.00                          | 74.00                         | 0.00                          | 0.00                          | 33.00                         |
| AVG | 86.58                         | 0.00                          | 5.02                          | 0.00                          | 2.00                          | 0.00                          | 53.49                         | 0.00                          | 74.24                         | 0.00                          | 0.00                          | 33.08                         |

**FEEDER MAIN II TRANSMISSION LINE**

|     | FMB-01<br>(mH <sub>2</sub> O) | FMB-02<br>(mH <sub>2</sub> O) | FMB-03<br>(mH <sub>2</sub> O) | FMB-04<br>(mH <sub>2</sub> O) | FMB-05<br>(mH <sub>2</sub> O) | FMB-06<br>(mH <sub>2</sub> O) | FMB-07<br>(mH <sub>2</sub> O) | FMB-08<br>(mH <sub>2</sub> O) |
|-----|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| MAX | 0.00                          | 0.00                          | 0.00                          | 70.00                         | 58.00                         | 0.00                          | 40.00                         | 70.00                         |
| MIN | 0.00                          | 0.00                          | 0.00                          | 51.00                         | 52.00                         | 0.00                          | 35.00                         | 61.00                         |
| AVG | 0.00                          | 0.00                          | 0.00                          | 61.01                         | 54.55                         | 0.00                          | 36.95                         | 64.21                         |



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**MBR (PRESS ENCLAVE)**

|            |             |              |
|------------|-------------|--------------|
| CAP: 15 LL | GL: 433.21m | MWL: 453.21m |
|------------|-------------|--------------|

|     | LEVEL TRANSMITTER (M) | PRESSURE TRANSMITTER (mH2O) | FLOW TRANSMITTER (m3/HR) | CHLORINE (mg/L) | CONDUCTIVITY (uS/m) |
|-----|-----------------------|-----------------------------|--------------------------|-----------------|---------------------|
| MAX | 3.00                  | 21.00                       | 341.00                   | 1.00            | 83.00               |
| MIN | 0.00                  | 9.00                        | 0.00                     | 0.00            | 0.00                |
| Avg | 1.18                  | 19.19                       | 263.57                   | 0.99            | 73.05               |

**MBR (PRESS ENCLAVE) - FLOW TOTALIZER**

| TOTALIZER             | INITIAL FLOW (m3) | FINAL FLOW (m3) | CUM FLOW (m3) |
|-----------------------|-------------------|-----------------|---------------|
| OUTLET FLOW TOTALIZER | 1.63              | 166784.00       | 166782.37     |

**MBR (PILLAYARPURAM)**

|            |             |              |
|------------|-------------|--------------|
| CAP: 20 LL | GL: 455.79m | MWL: 475.79m |
|------------|-------------|--------------|

|     | LEVEL TRANSMITTER (M) | PRESSURE TRANSMITTER (mH2O) | FLOW TRANSMITTER (m3/HR) | CHLORINE (mg/L) | CONDUCTIVITY (uS/m) |
|-----|-----------------------|-----------------------------|--------------------------|-----------------|---------------------|
| MAX | 0.00                  | 0.00                        | 366.00                   | 1.00            | 57.00               |
| MIN | 0.00                  | 0.00                        | 228.00                   | 1.00            | 34.00               |
| Avg | 0.00                  | 0.00                        | 295.18                   | 1.00            | 44.69               |

**MBR (PILLAYARPURAM) - FLOW TOTALIZER**

| TOTALIZER             | INITIAL FLOW (m3) | FINAL FLOW (m3) | CUM FLOW (m3) |
|-----------------------|-------------------|-----------------|---------------|
| OUTLET FLOW TOTALIZER | 273428.00         | 280415.00       | 6987.00       |



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**MBR (VALARMATHI NAGAR)**

|            |             |              |
|------------|-------------|--------------|
| CAP: 20 LL | GL: 461.95m | MWL: 481.95m |
|------------|-------------|--------------|

|     | LEVEL TRANSMITTER (M) | PRESSURE TRANSMITTER (mH2O) | FLOW TRANSMITTER (m3/HR) | CHLORINE (mg/L) | CONDUCTIVITY (uS/m) |
|-----|-----------------------|-----------------------------|--------------------------|-----------------|---------------------|
| MAX | 3.00                  | 19.00                       | 2162.00                  | 0.00            | 53.00               |
| MIN | 0.00                  | 18.00                       | 758.00                   | 0.00            | 0.00                |
| Avg | 1.18                  | 18.96                       | 1259.89                  | 0.00            | 26.59               |

**MBR (VALARMATHI NAGAR) - FLOW TOTALIZER**

| TOTALIZER      | INITIAL FLOW (m3) | FINAL FLOW (m3) | CUM FLOW (m3) |
|----------------|-------------------|-----------------|---------------|
| FLOW TOTALIZER | 795581.00         | 825634.00       | 30053.00      |

**MBR (BHARATHI PARK)**

|               |             |              |
|---------------|-------------|--------------|
| CAP: 38.87 LL | GL: 442.00m | MWL: 458.00m |
|---------------|-------------|--------------|

|     | LEVEL TRANSMITTER (M) | PRESSURE TRANSMITTER (mH2O) | FLOW TRANSMITTER (m3/HR) | CHLORINE (mg/L) | CONDUCTIVITY (uS/m) |
|-----|-----------------------|-----------------------------|--------------------------|-----------------|---------------------|
| MAX | 0.00                  | 18.00                       | 0.00                     | 0.00            | 1.00                |
| MIN | 0.00                  | 18.00                       | 0.00                     | 0.00            | 0.00                |
| Avg | 0.00                  | 18.00                       | 0.00                     | 0.00            | 0.25                |

**MBR (BHARATHI PARK) - FLOW TOTALIZER**

| TOTALIZER      | INITIAL FLOW (m3) | FINAL FLOW (m3) | CUM FLOW (m3) |
|----------------|-------------------|-----------------|---------------|
| FLOW TOTALIZER | 27.00             | 27.00           | 0.00          |



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**MSR (RAMAKRISHNAPURAM OLD)**

|            |             |              |
|------------|-------------|--------------|
| CAP: 30 LL | GL: 425.82m | MWL: 448.37m |
|------------|-------------|--------------|

|     | LEVEL TRANSMITTER (M) | PRESSURE TRANSMITTER (mH2O) | FLOW TRANSMITTER (m3/HR) | CHLORINE (mg/L) | CONDUCTIVITY (uS/m) |
|-----|-----------------------|-----------------------------|--------------------------|-----------------|---------------------|
| MAX | 0.00                  | 3.00                        | 0.00                     | 1.00            | 164.00              |
| MIN | 0.00                  | 2.00                        | 0.00                     | 1.00            | 164.00              |
| Avg | 0.00                  | 2.24                        | 0.00                     | 1.00            | 164.00              |

**MSR (RAMAKRISHNAPURAM OLD) - FLOW TOTALIZER**

| TOTALIZER             | INITIAL FLOW (m3) | FINAL FLOW (m3) | CUM FLOW (m3) |
|-----------------------|-------------------|-----------------|---------------|
| OUTLET FLOW TOTALIZER | 0.00              | 0.00            | 0.00          |

**MSR (RAMAKRISHNAPURAM NEW)**

|            |             |              |
|------------|-------------|--------------|
| CAP: 30 LL | GL: 429.50m | MWL: 452.05m |
|------------|-------------|--------------|

|     | LEVEL TRANSMITTER (M) | PRESSURE TRANSMITTER (mH2O) | FLOW TRANSMITTER (m3/HR) | CHLORINE (mg/L) | CONDUCTIVITY (uS/m) |
|-----|-----------------------|-----------------------------|--------------------------|-----------------|---------------------|
| MAX | 3.00                  | 19.00                       | 0.00                     | 1.00            | 0.00                |
| MIN | 0.00                  | 17.00                       | 0.00                     | 1.00            | 0.00                |
| Avg | 1.66                  | 18.06                       | 0.00                     | 1.00            | 0.00                |

**MSR (RAMAKRISHNAPURAM NEW) - FLOW TOTALIZER**

| TOTALIZER             | INITIAL FLOW (m3) | FINAL FLOW (m3) | CUM FLOW (m3) |
|-----------------------|-------------------|-----------------|---------------|
| OUTLET FLOW TOTALIZER | 480649.00         | 519197.00       | 38548.00      |