



**WATER SUPPLY IMPROVEMENT SCHEME TO EXPANDED  
COIMBATORE CORPORATION INCLUDING NEWLY MERGED AREAS WITH  
RIVER BHAVANI AS SOURCE PILLUR-3  
DAILY REPORT ON DATE: 17-09-2025**

### 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 | 8.46                     | 8.69                     | 1.50                           | 2.12                           | 172.11                         | 110.11                         | 109.96                         | 0.00                           | 102.77                             | 6957.00                         |
| MIN | 0.00                     | 0.00                     | -1.53                          | -1.10                          | -2.09                          | -0.89                          | -1.66                          | 0.00                           | 0.00                               | -28.00                          |
| AVG | 6.95                     | 7.12                     | 0.09                           | 0.24                           | 116.98                         | 64.47                          | 58.08                          | 0.00                           | 85.74                              | 4283.57                         |

### RAW WATER PUMP HOUSE - WATER QUALITY ANALYZER

|     | pH   | CONDUCTIVITY ( $\mu\text{S}/\text{m}$ ) | ORP (mV) | FREE CHLORINE (mg/L) | TOTAL CHLORINE (mg/L) |
|-----|------|---|----------|----------------------|-----------------------|
| MAX | 7.95 | 60.00                                   | 438.00   | 1.71                 | 1.81                  |
| MIN | 0.00 | 0.00                                    | 0.00     | 0.00                 | 0.00                  |
| AVG | 6.44 | 45.45                                   | 312.44   | 1.53                 | 1.61                  |

### RAW WATER PUMP HOUSE - FLOW TOTALIZERS

| TOTALIZER             | INITIAL FLOW (m <sup>3</sup> ) | FINAL FLOW (m <sup>3</sup> ) | CUM FLOW (m <sup>3</sup> ) |
|-----------------------|--------------------------------|------------------------------|----------------------------|
| OUTLET FLOW TOTALIZER | 0.00                           | 11578320.00                  | 11578320.00                |

### RAW 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    | 2025-09-15 19:25:17 | 2025-09-17 20:21:48 | 00:56:31 |
| VTP-04    | 2025-09-16 17:25:58 | 2025-09-17 20:22:22 | 02:56:24 |
| VTP-05    | 2025-09-16 17:25:58 | 2025-09-17 20:23:00 | 02:57:02 |
| 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 | 6.93                  | 120.91                         | 121.58                         | 122.28                         | 0.00                           | 122.82                         | 0.00                           | 119.15                             | 6411.00                         |
| MIN | 0.00                  | 0.00                           | 0.00                           | 0.00                           | 0.00                           | 0.00                           | 0.00                           | 0.00                               | 0.00                            |
| AVG | 2.88                  | 58.26                          | 56.15                          | 49.08                          | 0.00                           | 30.09                          | 0.00                           | 62.15                              | 2595.31                         |

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

|     | pH   | CONDUCTIVITY (µS/m) | ORP (mV) | FREE CHLORINE (mg/L) | TOTAL CHLORINE (mg/L) |
|-----|------|---------------------|----------|----------------------|-----------------------|
| MAX | 0.00 | 0.00                | 0.00     | 0.00                 | 0.10                  |
| MIN | 0.00 | 0.00                | 0.00     | 0.00                 | 0.00                  |
| AVG | 0.00 | 0.00                | 0.00     | 0.00                 | 0.05                  |

**CLEAR WATER PUMP HOUSE - FLOW TOTALIZER**

| TOTALIZER             | INITIAL FLOW (m3) | FINAL FLOW (m3) | CUM FLOW (m3) |
|-----------------------|-------------------|-----------------|---------------|
| OUTLET FLOW TOTALIZER | 0.00              | 11546851.00     | 11546851.00   |

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

| PUMP NAME | START TIME          | STOP TIME           | DURATION |
|-----------|---------------------|---------------------|----------|
| VTP-01    | 2025-09-14 18:42:44 | 2025-09-17 20:19:35 | 01:36:51 |
| VTP-02    | 2025-09-17 14:40:43 | 2025-09-17 20:19:30 | 05:38:47 |
| VTP-03    | 2025-09-16 12:33:08 | 2025-09-17 20:19:24 | 07:46:16 |
| VTP-04    | 00:00:00            | 00:00:00            | 00:00:00 |
| VTP-05    | 2025-09-16 17:26:16 | 2025-09-17 16:10:23 | 22:44:07 |
| VTP-06    | 2025-09-17 20:21:07 | 2025-09-17 21:47:37 | 01:26:30 |



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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 | 2.00                           | 2.00                           | 0.00                              | 0.00                                    | 0.00                                    |
| MIN | 1.00                           | 1.00                           | 0.00                              | 0.00                                    | 0.00                                    |
| Avg | 1.83                           | 1.83                           | 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               | 80.00                  | 6.00 | 1204.00     |
| MIN | 1.00               | 80.00                  | 6.00 | 1204.00     |
| Avg | 1.00               | 80.00                  | 6.00 | 1204.00     |

**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>(mH2O) | RTL-02<br>(mH2O) | RTL-03<br>(mH2O) | RTL-04<br>(mH2O) | RTL-05<br>(mH2O) | RTL-06<br>(mH2O) |
|-----|------------------|------------------|------------------|------------------|------------------|------------------|
| MAX | 0.00             | 0.00             | 0.00             | 0.00             | 0.00             | 0.00             |
| MIN | 0.00             | 0.00             | 0.00             | 0.00             | 0.00             | 0.00             |
| AVG | 0.00             | 0.00             | 0.00             | 0.00             | 0.00             | 0.00             |

**CLEAR WATER TRANSMISSION LINE**

|     | CTL-01<br>(mH2O) | CTL-02<br>(mH2O) | CTL-03<br>(mH2O) | CTL-04<br>(mH2O) | CTL-05<br>(mH2O) | CTL-06<br>(mH2O) |
|-----|------------------|------------------|------------------|------------------|------------------|------------------|
| MAX | 0.00             | 0.00             | 0.00             | 0.00             | 31.00            | 0.00             |
| MIN | 0.00             | 0.00             | 0.00             | 0.00             | 0.00             | 0.00             |
| AVG | 0.00             | 0.00             | 0.00             | 0.00             | 20.97            | 0.00             |

**FEEDER MAIN I TRANSMISSION LINE**

|     | FMA-01<br>(mH2O) | FMA-02<br>(mH2O) | FMA-03<br>(mH2O) | FMA-04<br>(mH2O) | FMA-05<br>(mH2O) | FMA-06<br>(mH2O) | FMA-07<br>(mH2O) | FMA-08<br>(mH2O) | FMA-09<br>(mH2O) | FMA-10<br>(mH2O) | FMA-11<br>(mH2O) | FMA-12<br>(mH2O) |
|-----|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| MAX | 134.00           | 0.00             | 6.00             | 188.00           | 0.00             | 0.00             | 0.00             | 0.00             | 76.00            | 189.00           | 0.00             | 33.00            |
| MIN | 0.00             | 0.00             | 0.00             | 0.00             | 0.00             | 0.00             | 0.00             | 0.00             | 0.00             | 0.00             | 0.00             | 0.00             |
| AVG | 34.32            | 0.00             | 1.09             | 60.34            | 0.00             | 0.00             | 0.00             | 0.00             | 59.25            | 120.66           | 0.00             | 19.63            |

**FEEDER MAIN II TRANSMISSION LINE**

|     | FMB-01<br>(mH2O) | FMB-02<br>(mH2O) | FMB-03<br>(mH2O) | FMB-04<br>(mH2O) | FMB-05<br>(mH2O) | FMB-06<br>(mH2O) | FMB-07<br>(mH2O) | FMB-08<br>(mH2O) |
|-----|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| MAX | 0.00             | 0.00             | 0.00             | 72.00            | 58.00            | 0.00             | 40.00            | 0.00             |
| MIN | 0.00             | 0.00             | 0.00             | 0.00             | 0.00             | 0.00             | 0.00             | 0.00             |
| AVG | 0.00             | 0.00             | 0.00             | 32.76            | 30.23            | 0.00             | 20.59            | 0.00             |



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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 | 0.00                  | 20.00                       | 334.00                   | 1.00            | 72.00               |
| MIN | 0.00                  | 20.00                       | 232.00                   | 1.00            | 72.00               |
| Avg | 0.00                  | 20.00                       | 310.65                   | 1.00            | 72.00               |

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

| TOTALIZER             | INITIAL FLOW (m3) | FINAL FLOW (m3) | CUM FLOW (m3) |
|-----------------------|-------------------|-----------------|---------------|
| OUTLET FLOW TOTALIZER | 442891.00         | 450280.00       | 7389.00       |

**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                        | 444.00                   | 1.00            | 3.00                |
| MIN | 0.00                  | 0.00                        | 0.00                     | 1.00            | 2.00                |
| Avg | 0.00                  | 0.00                        | 228.50                   | 1.00            | 2.26                |

**MBR (PILLAYARPURAM) - FLOW TOTALIZER**

| TOTALIZER             | INITIAL FLOW (m3) | FINAL FLOW (m3) | CUM FLOW (m3) |
|-----------------------|-------------------|-----------------|---------------|
| OUTLET FLOW TOTALIZER | 551411.00         | 556833.00       | 5422.00       |



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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                  | 47.00                       | 1387.00                  | 0.00            | 61.00               |
| MIN | 0.00                  | 0.00                        | 20.00                    | 0.00            | 0.00                |
| Avg | 0.22                  | 23.91                       | 555.54                   | 0.00            | 49.64               |

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

| TOTALIZER      | INITIAL FLOW (m3) | FINAL FLOW (m3) | CUM FLOW (m3) |
|----------------|-------------------|-----------------|---------------|
| FLOW TOTALIZER | 1865819.00        | 1878647.00      | 12828.00      |

**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            | 2.00                |
| MIN | 0.00                  | 18.00                       | 0.00                     | 0.00            | 2.00                |
| Avg | 0.00                  | 18.00                       | 0.00                     | 0.00            | 2.00                |

**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            | 61.00               |
| MIN | 0.00                  | 2.00                        | 0.00                     | 1.00            | 60.00               |
| Avg | 0.00                  | 2.69                        | 0.00                     | 1.00            | 60.72               |

**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                  | 15.00                       | 0.00                     | 0.00            | 0.00                |
| Avg | 0.92                  | 18.39                       | 0.00                     | 0.46            | 0.00                |

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

| TOTALIZER             | INITIAL FLOW (m3) | FINAL FLOW (m3) | CUM FLOW (m3) |
|-----------------------|-------------------|-----------------|---------------|
| OUTLET FLOW TOTALIZER | 37318.00          | 37633.00        | 315.00        |