



**WATER SUPPLY IMPROVEMENT SCHEME TO EXPANDED
COIMBATORE CORPORATION INCLUDING NEWLY MERGED AREAS WITH
RIVER BHAVANI AS SOURCE PILLUR-3
DAILY REPORT ON DATE: 01-09-2025**



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 | 8.57 | 8.86 | 1.56 | 2.19 | 173.64 | 112.20 | 112.73 | 0.00 | 103.26 | 7028.00 |
| MIN | 0.00 | 0.00 | -1.58 | -1.30 | -1.33 | 0.00 | -1.07 | 0.00 | 0.00 | -81.00 |
| AVG | 7.54 | 7.73 | 0.06 | 0.11 | 148.94 | 98.46 | 83.70 | 0.00 | 91.84 | 5587.48 |

RAW WATER PUMP HOUSE - WATER QUALITY ANALYZER

| | pH | CONDUCTIVITY (μ S/m) | ORP (mV) | FREE CHLORINE (mg/L) | TOTAL CHLORINE (mg/L) |
|-----|------|------------------------------|-------------|----------------------------|-----------------------------|
| MAX | 7.42 | 65.20 | 473.20 | 1.71 | 1.81 |
| MIN | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AVG | 6.47 | 53.42 | 303.11 | 1.60 | 1.69 |

RAW WATER PUMP HOUSE - FLOW TOTALIZERS

| TOTALIZER | INITIAL FLOW (m3) | FINAL FLOW (m3) | CUM FLOW (m3) |
|-----------------------|----------------------|--------------------|------------------|
| OUTLET FLOW TOTALIZER | 0.00 | 9553636.00 | 9553636.00 |

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 | 2025-08-31 12:12:51 | 2025-09-01 14:41:40 | 02:28:49 |
| VTP-04 | 2025-08-31 12:10:23 | 2025-09-01 14:41:44 | 02:31:21 |
| VTP-05 | 2025-08-31 13:36:02 | 2025-09-01 14:41:49 | 01:05:47 |
| 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 | 6.66 | 121.19 | 121.88 | 121.76 | 0.00 | 121.53 | 0.00 | 119.02 | 6447.00 |
| MIN | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AVG | 2.41 | 48.62 | 48.59 | 48.81 | 0.00 | 25.14 | 0.00 | 47.90 | 2323.47 |

CLEAR WATER PUMP HOUSE - WATER QUALITY ANALYZER

| | pH | CONDUCTIVITY (μ S/m) | ORP (mV) | FREE CHLORINE (mg/L) | TOTAL CHLORINE (mg/L) |
|-----|------|------------------------------|-------------|----------------------------|-----------------------------|
| MAX | 0.00 | 59.40 | 694.80 | 0.00 | 0.10 |
| MIN | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AVG | 0.00 | 21.82 | 150.98 | 0.00 | 0.04 |

CLEAR WATER PUMP HOUSE - FLOW TOTALIZER

| TOTALIZER | INITIAL FLOW (m3) | FINAL FLOW (m3) | CUM FLOW (m3) |
|-----------------------|----------------------|--------------------|------------------|
| OUTLET FLOW TOTALIZER | 0.00 | 9556602.00 | 9556602.00 |

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 | 00:00:00 | 00:00:00 | 00:00:00 |
| VTP-04 | 00:00:00 | 00:00:00 | 00:00:00 |
| VTP-05 | 2025-08-31 13:32:26 | 2025-09-01 00:25:36 | 10:53:10 |
| 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 TRANSMITTER 01 (M) | LEVEL TRANSMITTER 02 (M) | PRESSURE TRANSMITTER (mH2O) | FLOW TRANSMITTER 01 (m3/HR) – FM1 | FLOW TRANSMITTER 02 (m3/HR) – FM2 |
|-----|--------------------------------|--------------------------------|-----------------------------------|---|---|
| MAX | 3.00 | 3.00 | 0.00 | 0.00 | 0.00 |
| MIN | 2.00 | 2.00 | 0.00 | 0.00 | 0.00 |
| AVG | 2.90 | 2.93 | 0.00 | 0.00 | 0.00 |

MASTER STORAGE TANK - WATER QUALITY ANALYZER

| | CHLORINE (mg/L) | CONDUCTIVITY (uS/m) | Ph | ORP (mv) |
|-----|--------------------|------------------------|------|-------------|
| MAX | 1.00 | 77.00 | 6.00 | 1193.00 |
| MIN | 1.00 | 77.00 | 6.00 | 1190.00 |
| AVG | 1.00 | 77.00 | 6.00 | 1192.25 |

MASTER STORAGE TANK - FLOW TOTALIZERS

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



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RAW WATER TRANSMISSION LINE

| | RTL-01 (mH2O) | RTL-02 (mH2O) | RTL-03 (mH2O) | RTL-04 (mH2O) | RTL-05 (mH2O) | RTL-06 (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 (mH2O) | CTL-02 (mH2O) | CTL-03 (mH2O) | CTL-04 (mH2O) | CTL-05 (mH2O) | CTL-06 (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 | 29.39 | 0.00 |

FEEDER MAIN I TRANSMISSION LINE

| | FMA-01 (mH2O) | FMA-02 (mH2O) | FMA-03 (mH2O) | FMA-04 (mH2O) | FMA-05 (mH2O) | FMA-06 (mH2O) | FMA-07 (mH2O) | FMA-08 (mH2O) | FMA-09 (mH2O) | FMA-10 (mH2O) | FMA-11 (mH2O) | FMA-12 (mH2O) |
|-----|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| MAX | 134.00 | 0.00 | 6.00 | 188.00 | 0.00 | 0.00 | 0.00 | 0.00 | 75.00 | 0.00 | 0.00 | 31.00 |
| 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 | 27.29 | 0.00 | 4.13 | 51.14 | 0.00 | 0.00 | 0.00 | 0.00 | 67.03 | 0.00 | 0.00 | 26.97 |

FEEDER MAIN II TRANSMISSION LINE

| | FMB-01 (mH2O) | FMB-02 (mH2O) | FMB-03 (mH2O) | FMB-04 (mH2O) | FMB-05 (mH2O) | FMB-06 (mH2O) | FMB-07 (mH2O) | FMB-08 (mH2O) |
|-----|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| MAX | 0.00 | 0.00 | 0.00 | 69.00 | 57.00 | 0.00 | 39.00 | 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 | 52.04 | 49.96 | 0.00 | 24.67 | 0.00 |



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MBR (PRESS ENCLAVE)

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

| | LEVEL TRANSMITTER (M) | PRESSURE TRANSMITTER (mH ₂ O) | FLOW TRANSMITTER (m ³ /HR) | CHLORINE (mg/L) | CONDUCTIVITY (uS/m) |
|-----|-----------------------------|--|---|--------------------|------------------------|
| MAX | 0.00 | 20.00 | 305.00 | 1.00 | 72.00 |
| MIN | 0.00 | 20.00 | 90.00 | 1.00 | 72.00 |
| AVG | 0.00 | 20.00 | 250.76 | 1.00 | 72.00 |

MBR (PRESS ENCLAVE) - FLOW TOTALIZER

| TOTALIZER | INITIAL FLOW (m ³) | FINAL FLOW (m ³) | CUM FLOW (m ³) |
|-----------------------|-----------------------------------|---------------------------------|-------------------------------|
| OUTLET FLOW TOTALIZER | 342160.00 | 348145.00 | 5985.00 |

MBR (PILLAYARPURAM)

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

| | LEVEL TRANSMITTER (M) | PRESSURE TRANSMITTER (mH ₂ O) | FLOW TRANSMITTER (m ³ /HR) | CHLORINE (mg/L) | CONDUCTIVITY (uS/m) |
|-----|-----------------------------|--|---|--------------------|------------------------|
| MAX | 0.00 | 0.00 | 501.00 | 1.00 | 1.00 |
| MIN | 0.00 | 0.00 | 123.00 | 1.00 | 1.00 |
| AVG | 0.00 | 0.00 | 329.00 | 1.00 | 1.00 |

MBR (PILLAYARPURAM) - FLOW TOTALIZER

| TOTALIZER | INITIAL FLOW (m ³) | FINAL FLOW (m ³) | CUM FLOW (m ³) |
|-----------------------|-----------------------------------|---------------------------------|-------------------------------|
| OUTLET FLOW TOTALIZER | 452514.00 | 460310.00 | 7796.00 |



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MBR (VALARMATHI NAGAR)

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

| | LEVEL TRANSMITTER (M) | PRESSURE TRANSMITTER (mH ₂ O) | FLOW TRANSMITTER (m ³ /HR) | CHLORINE (mg/L) | CONDUCTIVITY (uS/m) |
|-----|-----------------------------|--|---|--------------------|------------------------|
| MAX | 3.00 | 19.00 | 1962.00 | 1.00 | 46.00 |
| MIN | 1.00 | 19.00 | 586.00 | 0.00 | 40.00 |
| AVG | 2.27 | 19.00 | 1249.95 | 0.67 | 41.83 |

MBR (VALARMATHI NAGAR) - FLOW TOTALIZER

| TOTALIZER | INITIAL FLOW (m ³) | FINAL FLOW (m ³) | CUM FLOW (m ³) |
|----------------|-----------------------------------|---------------------------------|-------------------------------|
| FLOW TOTALIZER | 1450914.00 | 1480821.00 | 29907.00 |

MBR (BHARATHI PARK)

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

| | LEVEL TRANSMITTER (M) | PRESSURE TRANSMITTER (mH ₂ O) | FLOW TRANSMITTER (m ³ /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 | 0.00 |
| AVG | 0.00 | 18.00 | 0.00 | 0.00 | 1.50 |

MBR (BHARATHI PARK) - FLOW TOTALIZER

| TOTALIZER | INITIAL FLOW (m ³) | FINAL FLOW (m ³) | CUM FLOW (m ³) |
|----------------|-----------------------------------|---------------------------------|-------------------------------|
| 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 (mH ₂ O) | FLOW TRANSMITTER (m ³ /HR) | CHLORINE (mg/L) | CONDUCTIVITY (uS/m) |
|-----|-----------------------------|--|---|--------------------|------------------------|
| MAX | 0.00 | 3.00 | 0.00 | 1.00 | 59.00 |
| MIN | 0.00 | 2.00 | 0.00 | 0.00 | 0.00 |
| AVG | 0.00 | 2.52 | 0.00 | 0.94 | 46.45 |

MSR (RAMAKRISHNAPURAM OLD) - FLOW TOTALIZER

| TOTALIZER | INITIAL FLOW (m ³) | FINAL FLOW (m ³) | CUM FLOW (m ³) |
|-----------------------|-----------------------------------|---------------------------------|-------------------------------|
| 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 (mH ₂ O) | FLOW TRANSMITTER (m ³ /HR) | CHLORINE (mg/L) | CONDUCTIVITY (uS/m) |
|-----|-----------------------------|--|---|--------------------|------------------------|
| MAX | 2.00 | 19.00 | 0.00 | 1.00 | 0.00 |
| MIN | 0.00 | 18.00 | 0.00 | 1.00 | 0.00 |
| AVG | 0.84 | 18.43 | 0.00 | 1.00 | 0.00 |

MSR (RAMAKRISHNAPURAM NEW) - FLOW TOTALIZER

| TOTALIZER | INITIAL FLOW (m ³) | FINAL FLOW (m ³) | CUM FLOW (m ³) |
|-----------------------|-----------------------------------|---------------------------------|-------------------------------|
| OUTLET FLOW TOTALIZER | 648672.00 | 648675.00 | 3.00 |