



**WATER SUPPLY IMPROVEMENT SCHEME TO EXPANDED
COIMBATORE CORPORATION INCLUDING NEWLY MERGED AREAS WITH
RIVER BHAVANI AS SOURCE PILLUR-3
DAILY REPORT ON DATE: 06-08-2025**



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 | 8.26 | 8.31 | 110.75 | 2.14 | 173.31 | 2.29 | 2.42 | 0.00 | 101.39 | 7006.00 |
| MIN | 5.10 | 5.13 | -0.43 | -0.89 | 158.09 | -1.66 | -1.66 | 0.00 | 93.51 | 3627.00 |
| AVG | 6.75 | 6.90 | 80.47 | 0.29 | 163.65 | 0.22 | 0.20 | 0.00 | 97.77 | 5984.76 |

RAW WATER PUMP HOUSE - WATER QUALITY ANALYZER

| | pH | CONDUCTIVITY (μ S/m) | ORP (mV) | FREE CHLORINE (mg/L) | TOTAL CHLORINE (mg/L) |
|-----|------|------------------------------|-------------|----------------------------|-----------------------------|
| MAX | 7.16 | 61.00 | 486.40 | 1.71 | 1.81 |
| MIN | 6.45 | 38.40 | 252.00 | 1.69 | 1.79 |
| AVG | 6.73 | 50.06 | 369.75 | 1.70 | 1.80 |

RAW WATER PUMP HOUSE - FLOW TOTALIZERS

| TOTALIZER | INITIAL FLOW (m3) | FINAL FLOW (m3) | CUM FLOW (m3) |
|-----------------------|----------------------|--------------------|------------------|
| OUTLET FLOW TOTALIZER | 5788256.00 | 5926268.00 | 138012.00 |

RAW WATER PUMP HOUSE - PUMP RUN HOURS

| PUMP NAME | START TIME | STOP TIME | DURATION |
|-----------|---------------------|---------------------|----------|
| VTP-01 | 2025-08-05 19:56:14 | 2025-08-06 00:16:40 | 04:20:26 |
| 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 | 6.29 | 122.48 | 121.96 | 122.33 | 0.00 | 121.04 | 0.00 | 118.84 | 6527.00 |
| MIN | 4.66 | 116.18 | 117.42 | 2.90 | 0.00 | 0.00 | 0.00 | 115.40 | 3495.00 |
| AVG | 5.41 | 119.19 | 119.72 | 83.97 | 0.00 | 99.89 | 0.00 | 117.89 | 5621.86 |

CLEAR WATER PUMP HOUSE - WATER QUALITY ANALYZER

| | pH | CONDUCTIVITY (μ S/m) | ORP (mV) | FREE CHLORINE (mg/L) | TOTAL CHLORINE (mg/L) |
|-----|------|------------------------------|-------------|----------------------------|-----------------------------|
| MAX | 7.32 | 62.00 | 690.00 | 0.58 | 0.68 |
| MIN | 7.13 | 51.80 | 604.00 | 0.28 | 0.38 |
| AVG | 7.22 | 57.81 | 646.44 | 0.41 | 0.51 |

CLEAR WATER PUMP HOUSE - FLOW TOTALIZER

| TOTALIZER | INITIAL FLOW (m3) | FINAL FLOW (m3) | CUM FLOW (m3) |
|-----------------------|----------------------|--------------------|------------------|
| OUTLET FLOW TOTALIZER | 5863055.00 | 5998769.00 | 135714.00 |

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 | 2025-08-06 07:14:31 | 2025-08-06 23:16:50 | 16:02:19 |
| VTP-04 | 00:00:00 | 00:00:00 | 00:00:00 |
| VTP-05 | 2025-08-04 10:46:58 | 2025-08-06 00:16:51 | 13:29:53 |
| 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 | 3.00 | 3.00 | 0.00 | 0.00 | 0.00 |
| AVG | 3.00 | 3.00 | 0.00 | 0.00 | 0.00 |

MASTER STORAGE TANK - WATER QUALITY ANALYZER

| | CHLORINE (mg/L) | CONDUCTIVITY (uS/m) | Ph | ORP (mv) |
|-----|--------------------|------------------------|------|-------------|
| MAX | 1.00 | 190.00 | 7.00 | 1154.00 |
| MIN | 1.00 | 121.00 | 7.00 | 1149.00 |
| AVG | 1.00 | 172.78 | 7.00 | 1152.45 |

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 | 57.00 | 0.00 | 53.00 | 145.00 |
| MIN | 0.00 | 0.00 | 57.00 | 0.00 | 53.00 | 103.00 |
| AVG | 0.00 | 0.00 | 57.00 | 0.00 | 53.00 | 124.63 |

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 | 38.00 | 0.00 | 0.00 | 31.00 | 1.00 |
| MIN | 0.00 | 38.00 | 0.00 | 0.00 | 31.00 | 0.00 |
| AVG | 0.00 | 38.00 | 0.00 | 0.00 | 31.00 | 0.09 |

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 | 133.00 | 0.00 | 7.00 | 0.00 | 2.00 | 0.00 | 55.00 | 0.00 | 75.00 | 0.00 | 0.00 | 34.00 |
| MIN | 0.00 | 0.00 | 4.00 | 0.00 | 2.00 | 0.00 | 52.00 | 0.00 | 74.00 | 0.00 | 0.00 | 33.00 |
| AVG | 103.17 | 0.00 | 5.28 | 0.00 | 2.00 | 0.00 | 53.51 | 0.00 | 74.48 | 0.00 | 0.00 | 33.21 |

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 | 70.00 | 60.00 | 0.00 | 41.00 | 67.00 |
| MIN | 0.00 | 0.00 | 0.00 | 54.00 | 52.00 | 0.00 | 36.00 | 0.00 |
| AVG | 0.00 | 0.00 | 0.00 | 62.63 | 54.99 | 0.00 | 37.38 | 2.07 |



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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 | 21.00 | 226.10 | 1.00 | 71.00 |
| MIN | 0.00 | 21.00 | 208.40 | 1.00 | 71.00 |
| AVG | 0.00 | 21.00 | 218.05 | 1.00 | 71.00 |

MBR (PRESS ENCLAVE) - FLOW TOTALIZER

| TOTALIZER | INITIAL FLOW (m ³) | FINAL FLOW (m ³) | CUM FLOW (m ³) |
|-----------------------|-----------------------------------|---------------------------------|-------------------------------|
| OUTLET FLOW TOTALIZER | 7826.31 | 13012.17 | 5185.86 |

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 | 398.00 | 1.00 | 70.00 |
| MIN | 0.00 | 0.00 | 169.00 | 0.00 | 0.00 |
| AVG | 0.00 | 0.00 | 302.16 | 0.96 | 56.36 |

MBR (PILLAYARPURAM) - FLOW TOTALIZER

| TOTALIZER | INITIAL FLOW (m ³) | FINAL FLOW (m ³) | CUM FLOW (m ³) |
|-----------------------|-----------------------------------|---------------------------------|-------------------------------|
| OUTLET FLOW TOTALIZER | 259016.00 | 265775.00 | 6759.00 |



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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 | 0.00 | 19.00 | 1965.00 | 0.00 | 0.00 |
| MIN | 0.00 | 18.00 | 360.00 | 0.00 | 0.00 |
| AVG | 0.00 | 18.97 | 1103.64 | 0.00 | 0.00 |

MBR (VALARMATHI NAGAR) - FLOW TOTALIZER

| TOTALIZER | INITIAL FLOW (m ³) | FINAL FLOW (m ³) | CUM FLOW (m ³) |
|----------------|-----------------------------------|---------------------------------|-------------------------------|
| FLOW TOTALIZER | 738136.00 | 764336.00 | 26200.00 |

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 | 2.00 |
| AVG | 0.00 | 18.00 | 0.00 | 0.00 | 2.00 |

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 | 164.00 |
| MIN | 0.00 | 2.00 | 0.00 | 1.00 | 164.00 |
| AVG | 0.00 | 2.28 | 0.00 | 1.00 | 164.00 |

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 | 3.00 | 19.00 | 0.00 | 1.00 | 0.00 |
| MIN | 0.00 | 17.00 | 0.00 | 0.00 | 0.00 |
| AVG | 1.48 | 18.61 | 0.00 | 0.68 | 0.00 |

MSR (RAMAKRISHNAPURAM NEW) - FLOW TOTALIZER

| TOTALIZER | INITIAL FLOW (m ³) | FINAL FLOW (m ³) | CUM FLOW (m ³) |
|-----------------------|-----------------------------------|---------------------------------|-------------------------------|
| OUTLET FLOW TOTALIZER | 441100.00 | 444855.00 | 3755.00 |