



**WATER SUPPLY IMPROVEMENT SCHEME TO EXPANDED
COIMBATORE CORPORATION INCLUDING NEWLY MERGED AREAS WITH
RIVER BHAVANI AS SOURCE PILLUR-3**
DAILY REPORT ON DATE: 21-09-2025

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 | 8.59 | 8.92 | 1.45 | 2.12 | 171.93 | 111.05 | 112.94 | 0.00 | 108.09 | 7027.00 |
| MIN | 0.00 | 0.00 | -0.79 | -0.94 | 0.00 | -0.82 | -0.38 | 0.00 | 0.00 | 0.00 |
| AVG | 5.27 | 5.41 | 0.15 | 0.21 | 100.67 | 48.47 | 48.89 | 0.00 | 62.97 | 3413.21 |

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 | 7.81 | 71.60 | 416.00 | 1.71 | 1.81 |
| MIN | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AVG | 4.68 | 38.24 | 232.53 | 1.10 | 1.16 |

RAW WATER PUMP HOUSE - FLOW TOTALIZERS

| TOTALIZER | INITIAL FLOW (m ³) | FINAL FLOW (m ³) | CUM FLOW (m ³) |
|-----------------------|--------------------------------|------------------------------|----------------------------|
| OUTLET FLOW TOTALIZER | 0.00 | 12109351.00 | 12109351.00 |

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 | 2025-09-20 19:19:52 | 2025-09-21 15:24:12 | 20:04:20 |
| VTP-04 | 2025-09-20 19:20:56 | 2025-09-21 10:07:50 | 14:46:54 |
| VTP-05 | 2025-09-20 19:30:39 | 2025-09-21 22:28:32 | 02:57:53 |
| 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 | 6.80 | 123.28 | 124.10 | 123.70 | 0.00 | 123.74 | 0.00 | 120.91 | 6457.00 |
| MIN | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AVG | 3.21 | 65.87 | 66.04 | 52.85 | 0.00 | 35.03 | 0.00 | 66.06 | 2994.09 |

CLEAR WATER PUMP HOUSE - WATER QUALITY ANALYZER

| | pH | CONDUCTIVITY (µS/m) | ORP (mV) | FREE CHLORINE (mg/L) | TOTAL CHLORINE (mg/L) |
|-----|------|---------------------|----------|----------------------|-----------------------|
| MAX | 0.00 | 80.00 | 740.40 | 0.00 | 0.10 |
| MIN | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AVG | 0.00 | 36.78 | 191.43 | 0.00 | 0.06 |

CLEAR WATER PUMP HOUSE - FLOW TOTALIZER

| TOTALIZER | INITIAL FLOW (m3) | FINAL FLOW (m3) | CUM FLOW (m3) |
|-----------------------|-------------------|-----------------|---------------|
| OUTLET FLOW TOTALIZER | 0.00 | 12065464.00 | 12065464.00 |

CLEAR WATER PUMP HOUSE - PUMP RUN HOURS

| PUMP NAME | START TIME | STOP TIME | DURATION |
|-----------|---------------------|---------------------|----------|
| VTP-01 | 2025-09-20 07:04:04 | 2025-09-21 15:42:48 | 08:38:44 |
| VTP-02 | 2025-09-20 05:44:12 | 2025-09-21 22:29:21 | 16:45:09 |
| VTP-03 | 2025-09-19 15:47:25 | 2025-09-21 21:12:05 | 05:24:40 |
| VTP-04 | 00:00:00 | 00:00:00 | 00:00:00 |
| VTP-05 | 2025-09-21 05:20:36 | 2025-09-21 07:43:01 | 02:22:25 |
| VTP-06 | 2025-09-21 15:37:09 | 2025-09-21 15:42:52 | 00:05:43 |



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meil

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 | 2.91 | 2.92 | 0.00 | 0.00 | 0.00 |

MASTER STORAGE TANK - WATER QUALITY ANALYZER

| | CHLORINE (mg/L) | CONDUCTIVITY (µS/m) | pH | ORP (mv) |
|-----|--------------------|------------------------|------|-------------|
| MAX | 1.00 | 82.00 | 6.00 | 1208.00 |
| MIN | 1.00 | 79.00 | 6.00 | 1207.00 |
| Avg | 1.00 | 79.59 | 6.00 | 1207.91 |

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 | 32.00 | 0.00 |
| MIN | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AVG | 0.00 | 0.00 | 0.00 | 0.00 | 23.78 | 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 | 130.00 | 0.00 | 9.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 75.00 | 58.00 | 0.00 | 35.00 |
| 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 | 27.53 | 0.00 | 4.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 54.33 | 8.81 | 0.00 | 27.17 |

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 | 71.00 | 61.00 | 0.00 | 42.00 | 4.00 |
| MIN | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AVG | 0.00 | 0.00 | 0.00 | 43.52 | 42.11 | 0.00 | 29.69 | 1.43 |



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meil

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 | 370.00 | 1.00 | 72.00 |
| MIN | 0.00 | 20.00 | 326.00 | 1.00 | 72.00 |
| Avg | 0.00 | 20.00 | 346.43 | 1.00 | 72.00 |

MBR (PRESS ENCLAVE) - FLOW TOTALIZER

| TOTALIZER | INITIAL FLOW (m3) | FINAL FLOW (m3) | CUM FLOW (m3) |
|-----------------------|-------------------|-----------------|---------------|
| OUTLET FLOW TOTALIZER | 475231.00 | 483310.00 | 8079.00 |

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 | 517.00 | 1.00 | 3.00 |
| MIN | 0.00 | 0.00 | 118.00 | 1.00 | 1.00 |
| Avg | 0.00 | 0.00 | 343.46 | 1.00 | 2.50 |

MBR (PILLAYARPURAM) - FLOW TOTALIZER

| TOTALIZER | INITIAL FLOW (m3) | FINAL FLOW (m3) | CUM FLOW (m3) |
|-----------------------|-------------------|-----------------|---------------|
| OUTLET FLOW TOTALIZER | 517.00 | 594710.00 | 594193.00 |



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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 | 1603.00 | 0.00 | 68.00 |
| MIN | 0.00 | 19.00 | 330.00 | 0.00 | 50.00 |
| Avg | 1.36 | 35.52 | 1011.92 | 0.00 | 56.73 |

MBR (VALARMATHI NAGAR) - FLOW TOTALIZER

| TOTALIZER | INITIAL FLOW (m3) | FINAL FLOW (m3) | CUM FLOW (m3) |
|----------------|-------------------|-----------------|---------------|
| FLOW TOTALIZER | 1961978.00 | 1986054.00 | 24076.00 |

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 | 1.00 |
| Avg | 0.00 | 18.00 | 0.00 | 0.00 | 1.25 |

MBR (BHARATHI PARK) - FLOW TOTALIZER

| TOTALIZER | INITIAL FLOW (m3) | FINAL FLOW (m3) | CUM FLOW (m3) |
|----------------|-------------------|-----------------|---------------|
| FLOW TOTALIZER | 37785.00 | 37785.00 | 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 | 2.00 | 0.00 | 1.00 | 55.00 |
| MIN | 0.00 | 2.00 | 0.00 | 1.00 | 55.00 |
| Avg | 0.00 | 2.00 | 0.00 | 1.00 | 55.00 |

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 | 0.00 | 0.00 |
| Avg | 0.77 | 18.20 | 0.00 | 0.33 | 0.00 |

MSR (RAMAKRISHNAPURAM NEW) - FLOW TOTALIZER

| TOTALIZER | INITIAL FLOW (m3) | FINAL FLOW (m3) | CUM FLOW (m3) |
|-----------------------|-------------------|-----------------|---------------|
| OUTLET FLOW TOTALIZER | 31750.00 | 50363.00 | 18613.00 |