

THONDAMUTHUR CWSS IN COIMBATORE DISTRICT

FLOW DIAGRAM

HEAD WORKS AT NELLITHURAI

MLD-13.81/ MLD 11.95

COLLECTION WELL - 6.0 m DIA

INTAKE WELL- 3.0 m DIA

BED LEVEL-302.0 m

MFL - 309.45 m

RIVER BHAVANI

FVL - 297.21 m

Water Lubricated Vertical Turbine
Pumpsets
DUTY 5531 lpm X 92 M - 3 Nos (2 Nos
Parallel)

BOOSTER STATION AT
VEERAPANDI (7.35 LL)
GL 410.77M

HSC Centrifugal Pumpsets
DUTY 5266 lpm X 109 M - 3 Nos
(2 Nos Parallel)

CONNECTING PIPE: 600 mm CI -80 m

BARRAGE UNDER CONTN BY TNEB

RAW WATER MAIN

500 mm DI K7/K9
11062 / 12786 LPM

WATER TREATMENT
PLANT AT
KURUNTHAMALAI
GL 360.00M
CAP: 11.95(INT) MLD

10531/12173 LPM
500 mm DI K7/K9

CLEAR WATER MAIN
500 mm DI K7/K9

LS 14570M

10531/12173 LPM

10531/12173 LPM

DHALIYUR TP
SUMP- 0.80 LL
GL - 441.10 m

THONDAMUTHUR TP
SUMP- 0.85 LL
GL - 455.20 m

Thennamanallur VP (9 RHS)
(182/206 lpm)

Devarayapura VP (9 RHS)
Zahir Naickenpalayam VP (4 RHS)
Vellimalaipattanam VP (4 RHS)
Ikkarai Pooluvampatty VP (1 RHS)
Narasipuram VP (5 RHS)

Devarayapuram
SUMP- 0.55 LL
GL - 438.70 m

semmedu
SUMP-0.2LL
(9 RHS)

Mathuvarayapuram VP
SUMP-1.40 LL
14 RHS

Alanthurai TP
SUMP-0.55 LL

THENMANALLUR
SUMP- 4.05 LL
GL - 438.70 m

Ikkarai
Pooluvampatty VP
G L-400.00
SUMP-0.3LL
(4 RHS)

THANNEERPANTHAL
COMMAN SUMP- 2.30 LL
GL - 429.97 m

Pooluvampatty TP
SUMP-0.95 LL

SR-4Nos(P)

PERUR TP
SR-2.90 LL
GL - 421.16 m
MWL - 440.66 m

SR-1No(P)

ANDIPALAYAM
VEDAPATTI TP
SR -0.40 LL
GL - 416.90
MWL - 436.00 m

PERUR
CHETIPALAYAM VP
SUMP- 0.85 LL
RHS-50
GL - 426.75 m

THEETHIPALAYAM VP
SUMP- 1.65 LL
RHS-14
GL - 425.55 m

MATHAMPATTI VP
SUMP- 1.40 LL
RHS-11
GL - 430.60 m

Thenkarai TP
SR-4Nos(P)

- COLLECTION WELL
- WATER TREATMENT
- BOOSTER STATION
- SUMP
- SERVICE RESERVOIR
- PUMPING MAIN
- FEEDER MAINS
- CLEAR WATER MAIN
- TPS & RURAL VPS FEEDER MAIN
- TPS BRANCH FEEDER MAIN
- RURAL VPS BRANCH FEEDER MAIN

P. B. ... 10-2-116
EXECUTIVE ENGINEER
TWAD BOARD
MAJOR PROJECT DIVISION
COIMBATORE.