

SMIT WATER SUPPLY SCHEME

Date of inspection – 23rd October, 2008

Team of inspection officers – Shri P.L. Nongbri, Assistant Director,
Shri. D.S.Kharpan, Research Officer and
Shri. S . Sungoh, Research Assistant.

Name of the Scheme – Smit Water Supply Scheme

No. of habitation covered – 7 (seven) numbers

Ultimate population – 5397 person

Type of scheme – Pumping scheme

Name of source – Wah “Umiew” stream



Umiew river - Source

Type of source - Stream

Year recommended/sanctioned – 2005

Amount sanctioned - Rs. 1,93,92,000/-

Total expenditure – Rs. 1,93,92,000/-

Type of treatment – Rapid sand filter

Capacity of sedimentation tank – Does not required in rapid sand filter

Capacity of slow sand filter – No slow sand filter

Capacity of clear water reservoir – 1,43,920 litres/day

Size of clear water reservoir capacity – 9.00m dia, 3m height

Size (diameter) of GI pipe gravity main – 100mm dia

Size (diameter) of GI pipe pumping main – 80mm dia

Length of gravity main – 1680Rm

Length of pumping main – 5700Rm

Method of distribution – By dead end method

Status – Functioning

Number of Storage tanks – 15 (fifteen) numbers

Name of implementing/executing agency – The work is executed by Mech. Mat (contractor)



Pumping System



Tank from where water is pumping

Observations/Findings:-

- (i) A plot of land for construction of the Treatment Plant was donated by the Catholic Church .
- (ii) The construction of the Treatment Plant is still in progress and expected to be completed by February or March 2009.
- (iii) It was found that the quality of construction of the Treatment plant is quite satisfactory.
- (iv) The pumping system is functioning.

Recommendations/Suggestions:-

The PHE Department should take up effective measures to complete the Treatment Plant as scheduled.



Treatment Plant



Treatment Plant - Inside

