

SORYNGKHAM 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 – Augmentation of Sohryngkham Water Supply Scheme

No. of habitations covered – 3 (three) numbers
(a) Sohryngkham
(b) Sohryngkham-neng
(c) Mawlyndep

Ultimate population – 3251 persons

Type of scheme – Gravity scheme

Name of source –“Umtngew” stream

Type of source - Stream

Year recommended/sanctioned – 1999

Amount sanctioned - Rs. 77,48,300/-

Total expenditure – Rs. 79,39,898/-

Type of treatment – Sedimentation, filtration and chlorination

Capacity of sedimentation tank – 70,000 litres

Capacity of slow sand filter – 94,500 litres

Capacity of clear water reservoir – 45,000 litres

Size of clear water reservoir capacity – 45,000 litres

Size (diameter) of GI pipe gravity main – 100mm dia,
80mm dia GI pipe

Length of gravity main – 9850Rm

Method of distribution – By dead end method

Status – Functioning

Number of Storage tanks – 17 (seventeen) numbers

Observations/Findings:-

- (i) It was found that the water available is insufficient due to small size of GI pipe used from the source. It was found that the size of GI pipe used from the source is only 3 and 4 inches
- (ii) It was found that two separate main tank for Sohryngkham and Mawlyndep were constructed.
- (iii) There are 5 (five) Zonal Tanks. Each tank capacity is 20,000 litres and it can serve upto 150 houses.
- (iv) On interaction with the people, most of them expressed dissatisfaction with the water available as the supply is irregular and the quantity also is not satisfactory.
- (v) With increase of population it is perhaps necessary to renovate the scheme so as to increase the supply and to cover new areas.



Sedimentation

