

Seshasayee Paper and Boards Ltd., - Unit : Tirunelveli

Details of Rain Water Harvesting

We have Six nos. of rain water harvesting ponds inside mill premises for a volume of 1,53,100 m³.

Details

Pond no 1:	Open pond in 7 acres	1,47,000 m ³
Pond no 2:	Artificial harvesting pond	1,500 m ³
Pond no 3:	Artificial harvesting pond	600 m ³
Pond no 4:	Artificial harvesting pond	600 m ³
Recharge dug wells (2 nos.)		3,400 m ³ (1700 m ³ each)
50 nos. of Artificial roof top rain water harvesting pits		

Entire rain water from 270 acres company's land is collected in the said ponds and wells and allowed for recharging the land. During monsoon period, the pond no 1 will get overflow and it is used for irrigation in our own land.

Artificial Recharge measures taken

1. Constructed 3 nos. of artificial recharging ponds with a dimension of 16 x 13 x 3 mts., (Volume 1650 m³ -1 no.) and 20 x 20 x 1.5 mts (Volume 600 m³ - 2.nos.) respectively.
2. In addition, we have 2 nos. of artificial dug wells with a dimension of 12 x 12 x 12 mts (Volume 1700 m³ – 2 nos.) with rain water collection and recharging facility.
3. About 50 nos. of Roof Rain Water harvesting pits are made near the building to recharge the land.

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Rain Water Harvesting Pond No 1: Natural Pond in 7 acres (About 1,47,000 m³ storage)



Rain Water Harvesting pond No. 2: 1500 m³ storage



Rain Water Harvesting pond no 3: Artificial Pond (600 m3).



Rain Water Harvesting pond no 4: Artificial Pond (600 m3).



Artificial Dug Well with rain water collection pores



Artificial roof top rain water harvesting pit

