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Name of the Project: Diversion of 4.966 Ha of Forest land for construction of Rising Main, Gravity Feeder and Delivery Chamber in Sy. No.72 of Hothenkatte village in Shikaripura Taluk of Shivamogga District comes under Sagar Forest Division to fill 41 MI/ZP tanks and providing irrigation for 3430 Ha of command area of Shikaripura and Soraba Taluks by lifting 0.429 TMC of water from Kumudvathi River under Kasaba LIS Project

Analysis of Alternatives considered

Consequent to several studies and evaluating merits and demerits, it was finally decided to consider the proposed alignment with minimum diversion of forest land (4.966 Ha.). The details of the alternatives considered for the project is as given below.

Sl.No	Alignment	Forest Land Required (Ha.)	Traverse in
1	Proposed Alignment	4.966	Forest
2	Alternative - 1	6.128	Forest
3	Alternative - 2	5.586	Forest

Two other alternative alignments have been examined. Detailed studies showed that Alternative-1 & Alternative-2 requires more Forest area compared to Proposed Alignment Therefore, the proposed alignment is considered to be the most techno-economically feasible and the area proposed for diversion is unavoidable and barest minimum.



