

SITE INSPECTION REPORT

LAYING OF WATER PIPE LINE WITH HEAD WORKS AT SOURCE AT SORENG & CHAKUNG IN WEST DISTRICT OF SIKKIM

1. Legal status of forestland proposed for diversion: **Sanctuary**

2. Item wise break up of details of forestland proposed for diversion:

Sl. No.	Component	Name and Status of Forest land	Area (in Ha)
1.	Pipeline	Barsey Rhododendron Sanctuary	0.28
2	Intake tank		0.02
Total			0.30

3. Details of construction of buildings (if any)

Not applicable

4. Total cost of project at present rates

The estimated cost of the project is Rs 1833.62 lacs, or Rupees (Eighteen crores thirty three lacs and sixty two thousand) only.

5. Whether forest area proposed for diversion is important from wildlife point of view:

The proposed forest area for diversion forms a part of Protected Area i.e Barsey Rhododendron Sanctuary

6. **Vegetation:** The area proposed for the project constitutes of Himalayan Moist Temperate forest comprising of dense oak forest. However no trees shall be felled.

7. Details of fauna

Mammals: *Red Panda (Ailurus fulgens)*, *Himalayan Black bear(Urses thibetanus laniger)*, *Barking deer (Muntiacus muntjac)*, *Leopard*, *Wild pig (Sus scrofa)*, *Fox*, *Civet cat (Vivera sp)*, *Porcupine*, *Monkey*, *Flying Squirrel*, etc.

Amphibians, Reptiles, Birds, Butterflies are also found in the forest area proposed for diversion.

8. **Background note on the proposal:** The proposal for laying of water pipeline with head works at Chakmakey and Ringyang source for water supply at Soreng and Chakung falls under Barsey Rhododendron Sanctuary. The project shall be executed by Water security and Puublic Healt & Engineering Department, Government of Sikkim.

The proposal requires diversion of 0.30 ha. of forest land which is unavoidable and barest to its minimum since the water source totally falls under the forest land..

9. Compensatory Afforestation: NA

Land for CA is appropriate for plantation & management point of view	:																						
Land for CA is free from encroachment/other incumbencies	:																						
Land for CA is important from religious/archaeological point of view	:																						
Number of patches involved in land identified for CA	:																						
<table border="1"><thead><tr><th>Sl. No.</th><th>Location</th><th>Range</th><th>Plantation area (ha.)</th><th>Fencing (in km)</th><th>SMC Work (in ha.)</th><th>Division</th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>			Sl. No.	Location	Range	Plantation area (ha.)	Fencing (in km)	SMC Work (in ha.)	Division														
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Map with details	:																						
Total financial outlay	:																						

10. Whether proposal involves violation of FCA, 1980 or not. If yes, a detailed report on violation including action taken.

No violation has been observed till date.

11. The requirement of forestland as proposed by the user agency is unavoidable and barest minimum for the project. If no, recommend area item-wise with details of alternative examined.

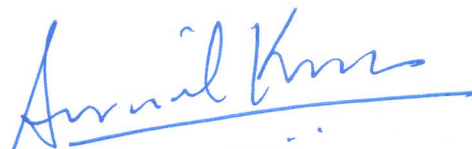
The area requirement of forestland as proposed by the user agency for diversion is unavoidable and is the barest minimum.

12. Details on catchments and command area under the project and catchment area treatment plan to prevent siltation of reservoir.

N.A.

13. Cost-Benefit ratio (only in case if diverted area is >20 ha)

NA


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