

कार्यालय प्रभागीय वनाधिकारी, चम्पावत वन प्रभाग, चम्पावत।

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पत्रांक 5603 / 12-1 दिनांक , चम्पावत 12.06, 2025

सेवा में,

वन संरक्षक,
उत्तरी कुमाऊँ वृत्त,
अल्मोड़ा।

विषय -

चारधाम परियोजना के अन्तर्गत टनकपुर, पिथौरागढ़ राष्ट्रीय राजमार्ग संख्या 125 (नया 09) के चम्पावत बाईपास के निर्माण हेतु 8.94 हे० वन भूमि का सड़क परिवहन एवं राजमार्ग मंत्रालय को प्रत्यावर्तन। (Online Portal No -FP/UK/ROAD/31090/2017)

संदर्भ -

क्षेत्रीय कार्यालय, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार, देहरादून का पत्रांक RO-DDN/REC/1-2014/VOL-6/180 Dated 14.05.2025।

महोदय,

उपरोक्त विषयक संदर्भित पत्र के क्रम में दिये गये निर्देशों के अनुपालन में अवगत कराना है कि विषयगत प्रकरण में अनुपालन आख्या विन्दुवार निम्न प्रकार प्रेषित है :-

क्र०सं०	प्रस्ताव में पायी गयी आपत्तियां	आपत्तियों का निराकरण
1.	The DFO shall submit an additional site-specific SMC workplan with special emphasis on erosion-prone or vulnerable regions. The Cost of said SMC works will be paid by the User agency.	उक्त site- specific SMC workplan आपके पत्रांक 3349/12-1-(2). दिनांक 04.06.2025 द्वारा अनुमोदित होने के उपरान्त 4 प्रतियों में पुनः अग्रिम कार्यवाही हेतु प्रेषित किया जा रहा है।

अतः अनुरोध है कि उक्त प्रकरण अग्रिम कार्यवाही हेतु अपने स्तर से उच्च स्तर को प्रेषित करने की कृपा करें।
संलग्नक:- उपरोक्तानुसार 4 प्रतियों में।

भवदीय,

(नवीन चन्द्र पन्त)

प्रभागीय वनाधिकारी,
चम्पावत वन प्रभाग, चम्पावत।

प्रतिलिपि- पत्रांक 5603 / 12-1 तददिनांकित।

प्रतिलिपि- अधिशासी अभियंता, राष्ट्रीय राजमार्ग खण्ड, लोक निर्माण विभाग, लोहाघाट को इस आशय के साथ प्रेषित की उक्त प्रस्ताव को आप इस कार्यालय से तत्काल प्राप्त कर विशेष पत्रवाहक के माध्यम से वन संरक्षक, उत्तरी कुमाऊँ वृत्त, अल्मोड़ा पहुँचाने का कष्ट करें।

उक्त प्रस्ताव की

4 प्रतियाँ मूल में प्रेषित की,

उकाश 12/5

8006359651

प्रभागीय वनाधिकारी,
चम्पावत वन प्रभाग, चम्पावत।

Soil & Moisture Conservation Workplan



**Uttarakhand Forest
Department**

**Diversion of 8.94 ha of forest land for construction of
Champawat bypass in Tanakpur Pithoragarh NH 125
(New 09) under Chardham Project in favour of MoRTH
within the jurisdiction of Champawat Forest Division,
Distt. Champawat**

Champawat Range

Champawat Forest Division

Project Cost: Rs. 34.32 lakh

Soil & Moisture Conservation Plan

Project Name

- New Construction of Champawat bypass in Tanakpur Pithoragarh NH 125 (New 09)

Proposed area

- 8.94Ha

Range

- Champawat

Project Cost

- Rs. 6610 lakh

Soil & Moisture Conservation Plan (minimum 0.5%)

- Rs. 34.32 Lakh

Introduction

Soil and water form two major components of a forest ecosystem and they directly influence the status, health and nature of the flora and fauna that such ecosystem is likely to support. It is obvious therefore that while managing the forests the forest officials have to deal with these components and make their best efforts for their conservation to sustain the plants and animals. Soil moisture conservation aims to maintain or improve the productive capacity of the land. It involves activities at the local level that prevent or reduce soil erosion, compaction, and salinity, while also conserving water. The strategy is adapted to local conditions and depends on the participation of the local people;

Forest is the origin for the streams and rivers; therefore, it is very important to conserve soil and moisture in its catchment area. To enhance quality of forest and its management in the target catchment areas, the activities undertaken for the soil moisture conservation include construction of check-dams, gully plugging, and percolation tanks, contour trenches, etc.

Soil Moisture Conservation works in the forest area are primarily carried out on watershed approach. This approach is aimed at enhancing land productivity and to increase the moisture availability for a longer period.

About the Project

NH- Division, PWD, Lohaghat has proposed a bypass with the name of Champawat bypass in Tanakpur Pithoragarh NH 125 (New 09) in 8.91ha forest area in Champawat Range. The proposed road length is about 9.47km and it is passing through Reserve forest, Van panchayat land, Nap land and Civil land. People of Champawat city are benefited by this project.

Impact of proposed road on sustainability of forest

The construction of this project will invariably affect the wildlife as well as the biodiversity of that area. Forest roads can have a variety of impacts on the sustainability of forests, including:

1. **Fragmentation-** Adding more roads can split a forest into more "edges" and "interior" habitats, which can lead to weedier habitats and the introduction of invasive species.
2. **Pollution-** Roads can pollute water through both chronic and acute sources, and can also alter floodwater patterns.
3. **Deforestation-** Roads can help farmers establish small-scale agricultural plots, which can be more destructive to the land than selective logging. One study found that deforestation rates were highest within one kilometer of open old roads.
4. **Noise-** Road construction can create noise that disrupts wildlife.

However, sometime it is essential to construct a road in public interest through forest area. Mitigation measures can also be implemented during the design, construction, hauling, and maintenance of roads to reduce many of the negative impacts.

Scope of soil & moisture conservation works

This proposed road is going through the Van Panchayat land, Reserve Forest and Civil Soyam forest land in Champawat range. The area around the proposed site is covered with mixed cedar forest. Panchayat land, Reserve Forest and Civil Soyam forest land will get effected from the construction of this road. To mitigate the ill effect of the project soil & moisture conservation related work could be done in this region. Soil and moisture conservation work involves practices that reduce water loss from soil and help maintain soil moisture which leads to rejuvenate degraded forests.

Activities to be undertaken for soil and moisture conservation

With the aim of soil and moisture conservation, following activities shall be undertaken: -

- i. Contour trenches
- ii. RR dry check dam
- iii. Gully plugging
- iv. Vegetative check dam
- v. Waterholes/ Jalkund



Contour Trench



Check Dam



Water Harvesting Tank

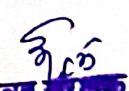


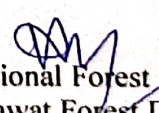
Jal Kund

Proposed soil and moisture conservation plan

As per the Guide line dated 07-06-2022, the user agency shall pay 0.50% of project cost for soil and water conservation work. As the estimated project cost of this proposed project is only **Rs. 6610 lakh**, 0.5% of project cost come only **Rs. 33 Lac.**, which is very small amount to propose significant soil & moisture conservation works. Treatment area for SMC is primarily proposed to be the stabilization of the area disturbed by the construction of the project. Hence, certain soil and moisture conservation works, as mentioned below, shall be adopted.

Physical and financial targets for soil & moisture conservation works			
Target Activities	Physical Target (ha / Nos./ Cum)	Rate (Rs.)	Financial (Rs.)
Digging of Contour trenches & planting of rich grasses	500 m	67/rmt	33500.00
Vegetative check dam	68 nos	6500	442000.00
Gully plugging	45 nos	7000	315000.00
RR dry check dam	68 nos	10000	680000.00
Chal-khal/ Kachha jalkund	35 nos	35000	1225000.00
Water holes (4x2.5x1)	67 nos	6500	435500.00
Side walls in the erosion prone area or vulnerable regions.	49 Cum	4114.60	201615.40
Misc.	L.S.	100000	100000.00
total			3432615.40
Or Say			3432000.00


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उत्तरी कुमाऊँ क्षेत्र, उत्तराखण्ड
अल्मोड़ा


Divisional Forest Officer
Champawat Forest Division