


Name of Work: Proposal for diversion of forest land measuring 2.4589 ha. in village Kathali from R/D 127/450 to 128/250 for four laning of Solan-Kaithlighat section of NH-22 (Now NH-05) from Km. 106.139 to Km. 129.050 in the state of Himachal Pradesh.

Detail of muck dumping sites

Sr. No.	Dumping sites	Khasra no.	Area (Hectare)	Quantity of Muck (cum)
1.	Mathiya D-105 (Site-I)	2/1	2.8000	3,00,000
2.	Bisha	15/1 & 15/2	1.0000	80,000
3.	Wakna	779/2/2/2, 780, 2331/109/2/1 & 2237	7.3429	8,50,000
4.	Dehun	476	4.5452	7,25,000
5.	Suroh	307/2, 299 & 2998	1.408	2,50,000
Total			17.0961	22,05,000

It is apprised that the Stage-II approval for above sites were accorded by MoEF&CC, Dehradun vide letter no. 8बी/एच. पी/06/07/2020/एफ.सी/194 dated 02.03.2021. (The proposal no. of said dumping FCA proposal is FP/HP/ROAD/39314/2019).

c/s 
Divisional Forest Officer
Shimla Forest Division
SHIMLA


Project Director
GM-cum-Project Director
NHAI, PIU-Shimla

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Observation
No. 12

MUCK MANAGEMENT PLAN

Sr. No.	Details of muck	Quantity(cum)
	Highway Cross Section from Ch. 127/450 to Ch. 128/250	
1.	Total quantity from cutting	229244.58
2.	Deduction of filling cut material	3858.71
3.	Deduction of 10% on use of stone in permanent work (3=1x10%)	22924.46
4.	Balance muck for disposable(4=1-2-3)	202461.41
5.	Add 25% muck generated from landslide etc. during construction period 5=1x25%)	57311.15
6.	Add 25% muck generated from landslide etc. during maintenance period (6=1x20%)	45848.92
7.	Muck to be disposed (7=4+5+6)	305621.47
8.	Add 25% soil factor of muck disposal (8=7x25%)	76405.37
9.	Total quantity muck to be disposed (9=7+8)	382026.84

Net Quantity of muck generated (cum)	382026.84
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It is apprised that the dumping of 382026.85 cum of muck will be disposed properly on the 05 nos of dumping sites [Bisha(Area=1.000ha.), Suroh(Area=1.4080ha.), Wakna(Area=7.3429ha.), Mathiya(Area=2.8000 ha.) & Dehun(Area=4.5452 ha.)] of total area=17.0961 hect., whose stage-II FCA approval has already been accorded by MoEF&CC, Dehradun vide letter no. 8बी/एच.पी/06/07/2020/एफ.सी/194 dated 02.03.2021.(The proposal no. of said dumping FCA proposal is FP/HP/ROAD/39314/2019).

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