

### MUCK DISPOSAL PLAN

**Subject:** Additional forest land diversion required for Eastern Yamuna canal falling in Shamli District for "Four laning of Panipat ( Start from junction with Existing Km of NH-44 at Panipat) - to Shamli (End at its junction with Existing 39+300 of SH- 12) of NH-709AD in the State of Uttar Pradesh" Package -1( 0.000 to 35.580)".

SI	Particular	Remarks
1	Calculation of muck to be generated. Swell factor to be applied	Since ,the project road alignment is entirely located in plain area having no scope of tunneling or hill cutting/de elevation and accordingly no muck will be generated due to additional widening of project road. accordingly no calculation and swell factor is applicable. It is to be noted that to raise final road/level ( FRL) /road embankment /bypasses, significant quantity of earth material will be required instead of generation of muck.
2	Quantity of muck to be utilized in the project activities	As stated in above Colum , generation of muck is very unlikely. however some construction debris are likely to be generated and which will be utilized ( like leveling, making approach road, worker camp etc) in project work and no disposal is required.
3	Balance quantity of muck which requires disposal /management plan.	No balance quantity is estimated , construction related debris will be utilized in project work.
4	Carriage of muck from the muck generation site due to the dumping site.	Not applicable , due to above mentioned reason in Colum no 1 & 2.
5	Ownership of Land and the consent of land owners in case muck disposal is proposed on non forest land.	Not applicable , due to above mentioned reason in Colum no 1 & 2.
6	Photograph & carrying capacity of proposed dumping site (Muck disposal site)	Not applicable , due to above mentioned reason in Colum no 1 & 2.
7	Development of dumping site construction of retaining walls and other structure as per requirement of the site.The object is to completely stop rolling down of the muck	Not applicable , due to above mentioned reason in Colum no 1 & 2.
8	Rehabilitation of dumping site like leveling ,planting of cross, scrub and tree species	Not applicable.

**Note:** Cost to be incurred under above activities has to be given component wise. Details of dumping site including length , Width & height of structures to be erected must be mentioned.

Undertaking by user agency has to be given to the affect that

1) Muck management plan will be implemented by user agency and in case of non implementation of plan , they will be liable to penalty /action at their cost.

2 The proposed dumping site is located away from river/Stream/Nala .

**Date:** 30/9/2021

**Place:** Baghpat

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