



BHARAT SANCHAR NIGAM LIMITED
OFFICE OF DIVISIONAL ENGINEER TELECOM PROJECTS
4TH FLOOR, TAX BHAWAN, AGRA-282003

Muck Disposal Management Plans

The preparing FCA Case if there is any activity in the project which involves the digging of land , muck disposal management plan has to be prepared.

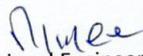
1. Calculation of muck to be generated swell factor has to be applied	Description	Section length	Quantity(Cu.m)
	Laying of optical fiber cable and associated work from Chainage Km 33.680 (Laxmi Bai Crossing Fatehabad) to Chainage Km 35.300 (Firozabad Road Crossing) in Distt Agra .and total effective area of section is 0.0729 hac. In state of Uttar Pradesh.	1.620 km	(1.620x6)x1.65x1x1 =16.038 cubic mtr
		Swell factor @40%	6.415 cubic mtr
		Total muck generated from excavation of Earth.	22.453 cubic mtr
2. Quantity of muck to be utilized in the project activities in the project activities		Muck generated from excavation of earth is required for back filling the pits and installation and refilling of jointing chambers is equal to the quantity of muck generated during execution of earth work that is 22.453 cubic meter. Therefore the project does not require any land for muck disposal.	
3. Balance quantity of muck , which requires disposal /management plan		No balance muck	
4. Carriage of muck from the muck generation site to the dumping site.		Not applicable	
5. Ownership of land and the consent of land owner ,in case muck disposal is proposed dumping site (muck disposal site)		Not applicable	
6. Photograph and carrying capacity of proposed dumping site(muck disposal site)		Not applicable	

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7. Development of dumping site construction of retaining walls and other construction as per requirement .	Not applicable
8. Rehabilitation of dumping site like leveling, planting of grass, shrubs and their species.	Not applicable


Divisional Engineer
Telecom Project,
Agra

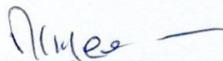


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UNDERTAKING

Muck management plan

It is hereby undertaken that the muck management plan will be implemented by the BSNL as mentioned in the muck management plan and in case of non implementation of plan, department will be responsible for penalty or action taken by the concerning department. The proposed muck disposal site/dumping site is located away from river/nala/stream. The cost of laying the muck shall be borne by BSNL.


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