

**GOVT. OF NCT OF DELHI
DEPARTMENT OF FOREST AND WILD LIFE
OFFICE OF THE DEPUTY CONSERVATOR OF FORESTS
NORTH FOREST DIVISION, MGICCC, BAKOLI, ALIPUR, NEW DELHI-110036**

Full Title of Project: Construction of underground station at Krishna Park and Elevated corridor between Keshopur to Mukarba Chowk for Janakpuri to RK Ashram Corridor of MRTS phase-IV in the state of NCT Delhi.

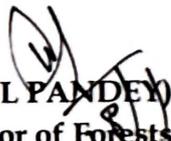
Proposal No.: FP/DL/RAIL/49562/2020

Date of Proposal: 28.10.2020

This is to certify that the muck disposal scheme submitted by the User Agency i.e. DMRC, for the above project. A copy of the same is also attached with this document.

Place: - Delhi

Date:- 18.01.2022


(VIPUL PANDEY)
Dy. Conservator of Forests
North Forest Division
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North Forest Division
Govt. of NCT of Delhi
MGICCC, Allpur, Bakthwarpur Road
Bakoli, Delhi-110036

Muck Disposal Management Plan

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

	Section	Description	Quantities
1. Calculation of muck to be generated swell factor has to be applied	Construction of metro work at Krishna park , from Keshopur to peeragarhi chowk, mangolpuri railway x-ing to mangopuri chowk ,Haider pur railway crossing and at mukarba chowk	At Krishna Park- for area 55.78sqm	At Krishna Park- $7.2*6.5*1.4= 66$ cum
		i) Pile viaduct- 436 station- 350 Total- 786	i) Pile(viaduct+ station) $786*30*3.141*1.2*1.2*0.25=26663$ cum(approx.)
		(ii) pile cap- Viaduct-109 Station-33	ii) Pile cap viaduct- $109*5.3*5.3*1.8=5511$ cum (approx.) Station- $33*12.5*8.9*2= 7342$ cum (approx.)
		Total- 39,582 cum (approx.)	
		Swell factor @40%	= 15,833 cum
		Total Muck generated from Excavation of Earth	= 55,415 cum
2. Quantity of muck to be utilized in the project activities in the project activities		The muck shall be used for filling for making access roads for erection activities . In case of wet soil muck, the same is dried at construction site before filling. This soil will also be filled in low lying areas in and around Delhi based on the requisitions received from the land owning agencies like DDA, MCD, NDMC etc.	
3. Balance quantity of muck, which requires disposal/management plan		No Balance Muck	
4. Carriage of muck	Not applicable		

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SHUKLA
 General Manager (Land)
 Delhi Metro Rail Corporation Ltd.
 Metro Bhawan, Fire Bridge Lane,
 Connaught Place, New Delhi-110001

From the muck generation site to dumping site.	
5. Ownership of land and the consent of land owner, in case muck disposal is proposed dumping site (muck disposal site)	As per requirement of land owning agencies.
6. Photograph and carrying capacity of proposed dumping site (Muck disposal site)	Not applicable
7. Development of dumping site construction of retaining walls and other construction as per requirement	Not applicable
8. Rehabilitation of dumping site like leveling, planning of grass, shrubs and their species.	Not applicable

M. K. Shukla
 29/11/2021

M. K. SHUKLA
 General Manager / Land
 Delhi Metro Rail Corporation Ltd.
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