

MUCK DISPOSAL PLAN

Name of Work:- In District Uttarkashi construction of motor road from kimi band to kandau by rastari biruntha in naugaon syuri motor road

MUCK DISPOSAL/MANAGEMENT PLAN OF IN DISTRICT UTTARKASHI CONSTRUCTION OF motor road from kimi band to kandau by rastari biruntha in naugaon syuri motor road

Muck Disposal Plan prepared as following

- 1- **CALCULATION OF MUCK TO GENERATED INCLUDING SWELL FACTOR**
Total muck generated during construction of road :- 84803.25 Cum
- 2- **QUANTITY OF MUCK TO BE UTILIZED IN THE PROJECT ACTIVATES)**
As per attached sheet :- 27541.00 Cum
- 3- **BALANCE QUANTITY OF MUCK WHICH REQUIRED FOR DISPOSAL/MANAGEMENT PLAN**
(84803.25-27541.00) = 57262.25 Cum
- 4- **CARRIAGE OF MUCK FROM THE MUCK GENERATION SITE TO DUMPING SITE.**
Muck will be carry by contractor as their own cost as per bond condition
- 5- **OWNER SHIP OF LAND AND HE CONSENT OF LAND OWNER**
Muck will be dump on Naap Land and as attachment of record Photo graphs always as per carrying capacity of dumping zone to be prepared of naap land but required quantity is only consent of land owner attached with proposal
- 6- **DEVELOPMENT OF DUMPING SITE CONSTRUCTION OF RETAINING WALL AND OTHER STRUCTURE**
Cost of protection work ie R/walls wire creates against muck dumping point in naap land will be construct by liner agency PWD Construction Division PWD Barkot as proposed muck dumping point
- 7- **REHABILITATION OF DUMPING SITE LIKE LEVELING PLATING OF GRASS, SHRUB AND TREE SPECIES**
Rehabilitation of Dumpint site like leveling plating of grass, shrub and tree species by construction agency Construction Division PWD Barkot

UNDERTAKEN AS PER FOLLOWING BY USER AGENCY PWD BARKOT

- 1- Muck management plan will be implemented by PWD barkot is case non implementation of plan will be liable to penalty action
- 2- The proposed dumping site is located away from river/stream/Nala

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DUMPING POINT NO. 3



DUMPING POINT NO. 4



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ANNEXURE-II
DETAILS OF MUCK DISPOSAL YARDS WITH LAND OWNER DETAIL

Sl No	Chainage	Name of land owner & villages	Land in Hec	Land in Sqm	Land area being used for dumping yard	Longitude	Latitude
1		Ramechandra s/o jayram Village kandau	0.160	1600	1600	78°7'42.02"	30°45'35.70" E
		Total	0.160	1600	1600	78°7'32.68"	30°46'20.03" E
2		Jayendra singh s/o rounpal singh village kimi	0.81	8100	8100		
		Total	0.81	8100	8100	78°7'30.76"	30°46'12.35" E
3		Barfya s/o ghusru village kimi	0.288	2800	2800		
		Total	0.288	2800	2800	78°7'31.64"	30°45'49.72" E
4		Abbal singh s/o ludar singh village rastari	0.123	1230	1230		
		Total	0.123	1230	1230	78°7'42.02"	30°45'35.70" E
5		Rajveer singh s/o raj kam singh Village rastari	0.178	1780	1780		
		Total	0.178	1780	1780		
6		Hardev singh s/o jot singh Village rastari	0.145	1450	1450		
		Total	0.145	1450	1450		

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ANNEXURE-I
1- Name of Work:- In District utarkashi construction of motor road from kimi band to kandau by rastari birumtha in naugaon syuri motor road

Sl No	Particulars	Quantity	Unit
1	Total Material received from Reserve Forest and Civil Soam land during hill side cutting quantity as per detail estimate		
(i)	Cross section 0/0 to 1/23 naap land	14185.00	Cum
(ii)	Cross section 1/23 to 1/29 civil land	1237.50	Cum
(iii)	Cross section 1/29 to 1/40 reserve forest land	2100.00	Cum
(iv)	Cross section 1/40 to 4/35 reserve forest land	1954.25	Cum
	Cross section 4/35 to 5/34 naap land	7837.50	Cum
	Cross section 5/34 to 6/26 reserve forest land	5135.00	Cum
	Cross section 6/26 to 7/25 naap land	7350.00	Cum
	Cross section 7/25 to 7/30 civil land	1125.00	Cum
	Cross section 7/30 to 7/40 reserve forest land	2062.50	Cum
	Total	60573.75	Cum
	40 % for seel factor	24229.50	Cum
	Grand Total	84803.25	Cum
2	Disposal and used Material	2035.00	Cum
(i)	RR stone masonry laid 1:6 cement and sand mortar	4050.00	Cum
(ii)	RR stone masonry laid dry	2010.00	Cum
(iii)	H.P Stone Filling	3540.00	Cum
(iv)	Laying of Wire crate	650.00	Cum
(v)	Construction of Parapet	2505.00	Cum
(vi)	Coolie walling	1505.00	Cum
(vii)	RR stone masonry laid 1:4 cement and sand mortar	1260.00	Cum
(viii)	RR stone masonry laid 1:3 cement and sand mortar	780.00	Cum
(ix)	Construction of Pucca Scupper	6506.00	Cum
(x)	Consolidation of Split boulder		
	Total	27541.00	Cum

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MUCK DISPOSAL EXERCISE INDEX

- 1- Name of Work:- In District utarkashi construction of motor road from kimi band to kandau by rastari birumtha in naugaon syuri motor road
- 2- DETAILS OF MUCK DISPOSAL YARDS WITH LAND OWNERS ANNEXURE-II

SUMMARY OF DABRIES DISPOSAL

ANNEXURE-I

Sl No	Total debris	Material disposal by cartage	Re-used material for road construction	Total disposal in dumping zone	Balance debris
1	Total material received from reserve forest and civil soam land during hill side cutting	84803.25	27541.00	57262.25	-

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(i)	Cross section 0/0 to 1/23 naap land	1485.00	Cum
(ii)	Cross section 1/23 to 1/29 civil land	1237.50	Cum
(iii)	Cross section 1/29 to 1/40 reserve forest land	2100.00	Cum
(iv)	Cross section 1/40 to 4/35 reserve forest land	1954.125	Cum
	Cross section 4/35 to 5/34 naap land	7837.50	Cum
	Cross section 5/34 to 6/26 reserve forest land	5135.00	Cum
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Location and Quantity of Dabries Disposal

Location of Dumping Yard	Size of Dumping Yard	Types of Land	Capacity of Dumping Yard
7/167/4	38x33x8	Naap Land	9240cum
6/14	80x78x9	Naap Land	56160cum
6/6/20	48x40x9	Naap Land	17280cum
4/24 to	33x25x12	Naap Land	9900cum
3/56 3/9	38x30x11	Naap Land	12540cum
2/862/12	32x30x9	Naap Land	8640cum
0/460/8		Naap Land	113760cum
	Total		

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