

Public Hearing of 12 sand spot Ahmednagar District, Maharashtra.

EXECUTIVE SUMMARY

1. INTRODUCTION

- ❖ Environmental Clearance is sought for 12 Sand spots of Kopergaon, Shrigonda and Rahuri Talukas, Ahmednagar District, Maharashtra.
- ❖ M/s. Integrated Precision Systems & Services Pvt. Ltd., was awarded work to obtain Environmental Clearances for Sand Spots of Ahmednagar by Collector Office, Ahmednagar.
- ❖ Mining plan Approval by DGM Nagpur is completed.
- ❖ Application in Form-1M, PFR, EMP, RA, DSR along with Approved Mining Plans for Sand Spots will be submitted along with Public Hearing Proceedings for Environmental Clearance.

2. LOCATION MAP



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3. List of Proposed Sand Mines:

Name of Village /Sand Ghat	Taluka	Name of The River	Gat. No. / Survey No. / Khasra No. Etc.	Total Area in Ha.	Available Sand in Brass
Kopargaon	Dauch Khurd	Godavari	74, 75	1.14	1615
Kopargaon	Kumbhari	Godavari	433	4.87	5167
Kopargaon	Jeur Patoda	Godavari	3, 2, 86, 85 and 84	1.25	1326
Kopargaon	Morvis	Govi	171, 179 and 181	1.2	851
Kopargaon	Samvatsar	Godavari	199, 195 and 193	1.24	1313
Kopargaon	Manjur	Godavari	71 to 75, 83, 84, 95,96	2.07	1462
Shrigonda	Angare	bheema	41 to 45, 35, 33, 23, 17, 16, 10, 9, 7, 6, 119, 121, 140, 122, 123, 124, 139, 138, 137, 150, 134, 135, 141, 142, 143, 145 to 155	1.14	4039
Shrigonda	Kashti	Ghod	155 to 159, 137 to 146, 124 to 127, 102, 100, 97, 98, 94, 95, 13 to 17, 1140 to 1164, 1185 to 1200, 1212 to 1218,101	3.18	3370
Shrigonda	Wangadari	Ghod	18, 19, 20, 267, 268, 270	1.29	1825
Shrigonda	Dhumalwadi	Ghod	119, 113, 114, 93, 95, 87, 88, 91, 92, 71 to 76	1.07	1515
Rahuri	Valan	Mula	45, 41 to 38	2.83	4999
Rahuri	Mahalgaoon	Pravara	120, 127, 129, 130, 132	1.39	4428

4. MINING METHODOLOGY:

- Method of Mining:** Opencast manual method without drilling & Blasting. Only manual labor with hand tools such as spade, Ghamela, will be used. Excavation of sand from dry riverbed only.
- Machinery / Equipment's required:** Spades, Ghamela, Tractor with trolley.
- Transportation:** By tractor trolley from sand spot to stock yard & to consumers.
- Reclamation:** Mined out area will be replenished automatically after monsoon. Plantation will be carried out along river bank and along transport road.

5. ENVIRONMENTAL MANAGEMENT PLAN

a. Air Pollution Control Measures

- Periodic water sprinkling on kutcha road used for sand transport.
- Transport of sand by tractor trolleys trucks covered with tarpaulin.
- Spillage of sand during transport shall be prevented by proper sealing of gaps.
- Plantation will be carried out along river banks and on free spaces near sand spot.

b. Noise Control Measures

- Mining and sand transport will be carried out during day time only.

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- Only noise due to sand transport is expected
- Periodic maintenance of sand transportation vehicles will be ensured to minimize noise
- Speed of sand transport vehicles will be regulated.

c. Water Pollution Control Measures

- Sand mining will be carried out in dry river bed only.
- Depth of the mine pit will be maintained above river water level.
- River streams will not be diverted to form inactive channels.
- Washing of vehicles in the river will be prohibited.
- No effluent will be generated from mining activities.
- Provision of mobile toilets for workers.
- Mining will be avoided during monsoon and floods This will allow the sand deposit to replenish.

d. Land Environment

- Sand mining will create temporary pits in the dry river bed, which will be replenished during monsoon.
- Safety distance of 3 meter or 1/10 th of the width of the river whichever is more will be left from both the bank of the river (as per “Sustainable sand mining guidelines”).
- Waste material like polythene bag, jute bag, etc will not be allowed to remain/ spill in river bed.
- Mining will not exceed beyond the allowed extraction capacity.
- Plantation will be developed along river bank and nearby free spaces.

6. GREENBELT DEVELOPMENT PLAN

Location of greenbelt	On the banks of both sides of the lease boundary & Haul Road outside riverbed
Spacing of plants	4 m grid interval
Species selected	Native species

Tree species recommended for Plantation

Botanical name	Local name	Importance
<i>Azadirachta indica</i>	Neem	Neem oil & neem products
<i>Tectona grandis</i>	Teek	Antibacterial, Antifungal, Antiulcer
<i>Bambusa vulgaris</i>	Bamboo	Anthelmintic Anti-inflammatory, Astringent Properties

7. OCCUPATIONAL HEALTH SAFETY MANAGEMENT

- Mine operators will be provided with personal protective equipment's.
- safety helmets and footwear, in addition to ear, eye, and hand protection devices.
- Dust masks will be provided for workers.
- Potable drinking water shelter for mine workers will be provided.
- First aid kit will be provided at the mine site.

8. CONCLUSION

- Applied 12 Sand Spots are located in Kopargaon, Shrigonda and Rahuri Talukas, Ahmednagar District, Maharashtra falls under B2 category as per MoEF&CC guidelines.
- Quarries are not likely to cause significant impact on the environment due to small scale of mining and will prove beneficial to the nearby community.
- The proposed project would provide indirect employment opportunities to local residents.
- The proposed project will also make a positive contribution to social infrastructure and overall development of the region.
- All environmental issues like air, water, noise, soil, solid waste management etc will be dealt as per the MoEF&CC guidelines.