

# Public Hearing of 2 sand spot of Sindkheda Taluka, Dhule District, Maharashtra.

## EXECUTIVE SUMMARY

### 1. INTRODUCTION

- ❖ Environmental Clearance is sought for 2 Sand Spots of Sindkheda Talukas, Dhule District, Maharashtra.
  - ❖ M/s. Integrated Precision Systems & Services Pvt. Ltd., was awarded work to obtain Environmental Clearances for Sand Spots of Jalgaon by Collector Office, Jalgaon.
  - ❖ Mining plans for the above Sand Ghats have been approved by the Directorate of Geology and Mining (DGM), Nagpur on **22<sup>nd</sup> February 2022**.
  - ❖ 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:

S. No.	Taluka	Name Of Village /Sand Ghat	Name Of The River	Gat. No. / Survey No. / Khasra No. Etc.	Area of the Mine (In Ha)	Mineable Area(In Ha)	Non-Mineable Area(In Ha)	Length	Width	Depth	Total Sand Availability (In Brass)	Quantity Permitted for mining of sand in Brass (75%)	Quantity Permitted for Non-mining of sand in Brass (25%)
1	Sindkheda	Akkadse-1	Tapi	204,35,36,37,38,39,207,50,51	4.515	3.39	1.13	430	105	3	15954	11966	3989
2	Sindkheda	Akkadse-2	Tapi	22,24,25,26,27,28,30,33	4.515	3.39	1.13	430	105	3	15954	11966	3989

### 4. MINING METHODOLOGY:

- a. **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.
- b. **Machinery / Equipment's required:** Spades, Ghamela, Tractor with trolley.
- c. **Transportation:** By tractor trolley from sand spot to stock yard & to consumers.
- d. **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 kutchra 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.
- 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.

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- 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

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

### Tree species recommended for Plantation

<b>Botanical name</b>	<b>Local name</b>	<b>Importance</b>
<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 2 Sand spots of Sindkheda Talukas, Dhule District, Maharashtra falls under B2 category as per MoEFCC 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.