



Public Hearing of Two (2) Sand Ghats of Rahuri Taluka, Ahmednagar District, Maharashtra.

3. List of Proposed Sand Mines:

S.No	Name Of Village /Sand Ghat	Taluka	Name Of The River	Adjacent gat number / survey / Khasra number	Length x Width x Depth (m)	Total Sand Availability (In Brass)	Area of the Mine (In Ha)
1	Chandegaon kr 1	Rahuri	Pravara	42, 43, 41, 40, 39	438*54*0.7	4388	2.36
2	Chandegaon kr 3	Rahuri	Pravara	217, 218, 13	337*51*0.6	2733	1.71

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.
- 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

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- 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
No. of plants to be planted	312 plants
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 Two (2) Sand Ghats of Rahuri Taluka, Ahmednagar 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.