

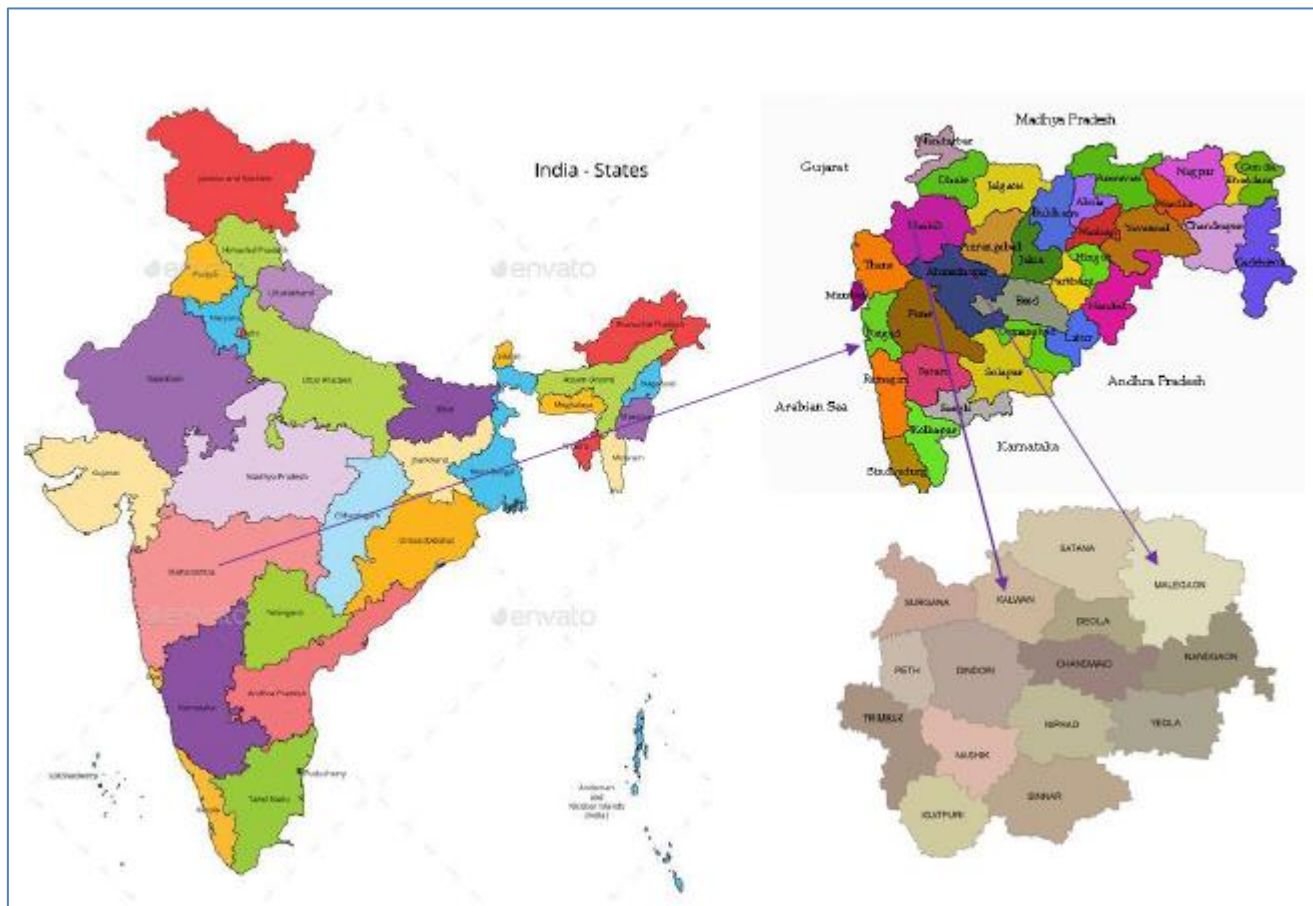
Public Hearing for Five District Level Sand Spots, Nashik District,

EXECUTIVE SUMMARY

1. Introduction

- ❖ Environmental Clearance is sought for 5 Sand Spots located in Malegaon, Kalwan Talukas in Nashik District.
- ❖ As Per Government of Maharashtra **Letter No: Sankirn- 2019/P.K.01/Ta.K.3** dated Dec 3, 2019, Public Hearing must be conducted for mines less than 5 Hectares.
- ❖ M/s. Rightsource Industrial Solutions Pvt. Ltd. was awarded work to obtain Environmental Clearances for Sand Spots of Nashik by Collector Office, Nashik. with **WO. No. Kaksh-15/1/Gaunkhanij/1/884/2021** dated 04/08/2021.
- ❖ Application in Form-1M, PFR, EMP, RA, DSR along with the 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 Sand Spots

SR No.	Taluka	Name of River	Name Of Village/ Sand Spot	Gat Number	Area (Hector)	Dimension (Meter)				Price per Brass as per last approved sand auction	Brass Upset price increased by 6% per annum as per Government decision	Upset price of sand Spot as per government decision
						Length	Width	Depth	Dimension (Brass)			
1	Malegaon	Girana	Sawantgaon	4, 13, 14, 17, 18, 19, 20, 25	1.030	515	20	1.5	5459	1331	1680.35	9173642.226
2	Malegaon	Mosam	Sawatawadi	10	1.300	650	20	0.35	1608	1331	1680.35	2701622.792
3	Malegaon	Girana	Yesgaon	136, 137, 153, 154, 209	1.018	509	20	1.5	5396	1331	1680.35	9066764.841
3	Malegaon	Girana	Dabhadi	Soygaon Shiv To Rokdoba Temple Gat No. 774 ते 783	1.013	405	25	1	3578	1331	1680.35	6011852.915
4	Kalwan	Girana	Asoli	80, 81, 82, 83	1.750	700	25	0.3	1855	1331	1680.35	3117257.067
Total									17896			30071139.84

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Mining Methodology

1. Method of Mining: Opencast manual method without drilling & blasting. Only manual labor with hand tools such as spade, ghamelas will be used. Excavation of sand is done from dry riverbed only.

The following process is followed for the estimation of sand in sand ghat:

- ❖ The demarcation and benchmarking of the sand ghat is done as per 10m x 10m interval.
 - ❖ Auger driller is used to find out the depth of sand in each grid.
 - ❖ Auger driller is used to create the holes in sand ghat using a 10mx10m grid pattern.
 - ❖ The depth of holes is measured by using measuring tape.
 - ❖ After taking all the readings the average depth of sand ghat of the river is calculated in meters.
2. Machinery / Equipment required: Spades, Ghamela, Tractor with trolley.
 3. Transportation: By tractor trolley from sand spot to stockyard & to consumers.
 4. Reclamation: Mined out area will be replenished automatically after the monsoon. Plantation will be carried out along the riverbank and along the transport road.

5. Environmental Management Plan

1. Air Pollution Control Measures

- ❖ Periodic water sprinkling on the 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 done along riverbanks and on free spaces near the sand spots.

2. Noise Control Measures

- ❖ Mining and sand transport will be carried out during the daytime only.
- ❖ Noise due to sand transport is expected, periodic maintenance of sand transportation vehicles will be ensured to minimize noise.
- ❖ The speed of sand transport vehicles will be regulated.

3. Water Pollution Control Measures

- ❖ Sand mining will be carried out in dry riverbed only.
- ❖ The depth of the mine pit will be maintained above the 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 which will allow the sand deposit to replenish.

4. Land Environment

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

5. Green Belt 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	500 Plants per hectare
Spacing of plants	2 m grid interval
Species selected	Native species

Tree species recommended for Plantation

Botanical name	Local name	Importance
Azadirachta Indica	Neem	Neem oil & neem products
Tectona Grandis	Teak	Antibacterial, Antifungal, Antiulcer
Ficus Religiosa	Peepal	Medicinal use, Fruits & figs
Bambusa Vulgaris	Bamboo	Anthelmintic Anti-inflammatory, Astringent Properties
Madhuca Longifolia	Mahua	Acts as a Stimulant & cough relief

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6. Occupational Health Safety Management

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

7. Conclusion

- ❖ Applied 5 Sand Spots located in Malegaon, Kalwan Talukas in Nashik District, Maharashtra having lease area of less than 5 Ha, fall under B2 category as per MoEF&CC guidelines.
- ❖ Quarries are not likely to cause a significant impact on the environment due to the 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 the social infrastructure and overall development of the region.
- ❖ All environmental issues like air, water, noise, soil, solid waste management, etc. will be dealt with as per the MoEF&CC guidelines.

जिल्हाधिकारी कार्यालय नाशिक

(खनिकर्म शाखा)

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E-Mail ID-districminingnsk@gmail.com

क्र.कक्ष-15/2/गोखनि/ 1072 /2021

दिनांक- 4/10/2021

To,
The Joint Director (WPC)
Maharashtra Pollution Control Board, Mumbai
Kalpataru point, 3rd Floor, Sion, Mumbai

Subject - Submission of Proposals of Nashik District Level 5 Sand Spots for Conduct of Public Hearing – Reg.

With reference to subject cited above, we hereby submitting the Proposals of Nashik District Level 5 Sand Spots for conduct of Public Hearing as per the requirements of EIA Notification, dated 14th September 2006 and subsequent amendments/ notifications of Ministry of Environment, Forests & Climate Change, Govt. of India.

Further, as per the EIA Notification, the following documents are submitted to Regional Officer, Maharashtra Pollution Control Board, Nashik

1. Executive Summary (Marathi & English) - 20 Hard Copies each
2. Environmental Management Plan - 20 Hard Copies
3. Soft copies of above in CD - 20 Copies

We request you to grant permission for conduct of Public Hearing for the subject Proposals of Nashik District Level 5 Sand Spots and issue us the proceedings at the earliest.

OC Signed by Additional Collector Nashik}



(Rohini Chavan)

District Mining Officer Nashik