

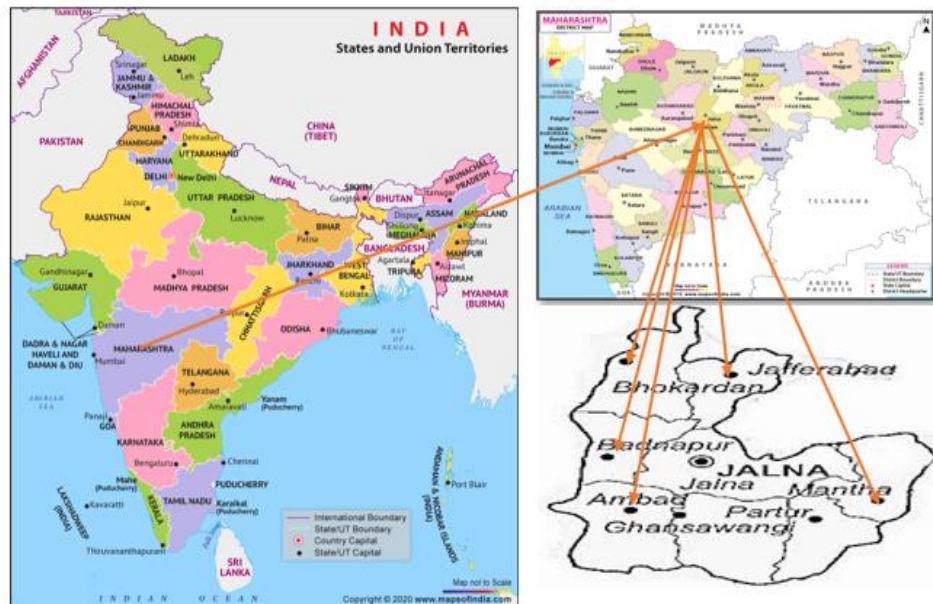
Public Hearing for 21 District Level Sand Spots, Jalna District, Maharashtra

EXECUTIVE SUMMARY

1. INTRODUCTION

- ❖ Environmental Clearance is sought for 21 Sand Spots located in Mantha, Bhokardan, Ambad, Jafrabad, Badnapur Talukas in Jalna District .
- ❖ As Per Government of Maharashtra Letter No: Sankirn- 2019/P.K.01/Ta.K.3 dated Dec 3,2019, Public Hearing has to be conducted for mines Less than 5 Hectares.
- ❖ M/s. Integrated Precision Systems & Services Pvt. Ltd., was awarded work to obtain Environmental Clearances for Sand Spots of Jalna by Collector Office, Jalna. with WO. No. 2020/Mashaka/Gaukh/Kavi 105 dated 03/02/2020.
- ❖ Mining plans Approval for the Sand Spots is under process at DGM, Aurangabad.
- ❖ 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



Public Hearing for 21 District Level Sand Spots, Jalna District, Maharashtra

3. LIST OF SAND SPOTS

अ.क्र.	वाळूघाटाचे नाव	तालुका	नदी	ग.क्र.	क्षेत्र	लांबी	रुंदी	खोली	उपलब्ध वाळूसाठा
१	वझर सरकटे २	मंठा	पुर्णा	207,210,214	1	400	25	1.00	3533
२	पोखरी - वाघाळा १	मंठा	पुर्णा	पोखरी ग.क्र. 142 , 143 वाघाळा ग.क्र. 175	0.65	100	65	1.00	2296
३	किर्ला- वाघाळा १	मंठा	पुर्णा	किर्ला ग.क्र. 151 वाघाळा ग.क्र. 137,136,106	3.5	500	70	1.00	12367
४	किर्ला - वाघाळा २	मंठा	पुर्णा	किर्ला ग.क्र. 152,153,154, वाघाळा ग.क्र. 104,105,112,101,86,85	3.5	500	70	1.00	12367
५	किर्ला-टाकळखोपा १	मंठा	पुर्णा	किर्ला ग.क्र. 40,41,42,43,47,48,50 टाकळखोपा ग.क्र. 102,97 ते 91, 58 ते 50, 46,47, 44 ते 40	3.5	700	50	1.00	12367
६	टाकळखोपा- दुधा १	मंठा	पुर्णा	टाकळखोपा ग.क्र. 204,235,236,237,238,242, दुधा ग.क्र. 2,4,5,6,7,8,9,10,11	2	400	50	1.00	7067
७	इंचा - सासखेडा १	मंठा	पुर्णा	इंचा ग.क्र. 119,118,117,116,115,114,112,111 सासखेडा ग.क्र. 4,6,7	2.4	400	60	1.50	12720
८	कानडी -लिंबखेडा- १	मंठा	पुर्णा	कानडी ग.क्र.100,99,98,97,96,67,66 लिंबखेडा ग.क्र.20,19,18,17,16,15,14,13,12,11,10,9	4.2	700	60	1.00	14840
९	कानडी - उस्वद-१	मंठा	पुर्णा	कानडी ग.क्र. 37,36,29,25,39 उस्वद ग.क्र. 319,320,321	3	500	60	1.50	15901
१०	कानडी- उस्वद २	मंठा	पुर्णा	कानडी ग.क्र. 264,263,261,258,257,256,255 उस्वद ग.क्र. 329,330,353,355,356,373	3	500	60	1.50	10600
११	देवठाणा - उस्वद १	मंठा	पुर्णा	देवठाणा ग.क्र.274,273,272,264 उस्वद ग.क्र. 387 ते 389, 391, 401 , 402	2	500	40	1.25	8833
१२	मेळखेडा	भोकरदन	पुर्णा	30, 31, 32, 33	0.69	230	30	0.50	1219
१३	गोकुळ	भोकरदन	केळणा	102, 132	0.096	60	16	0.50	169
१४	देऊळगाव ताड	भोकरदन	गिरीजा	68, 69, 70, 71	0.64	320	20	0.50	1130
१५	जानेफळ (दाभाडी)	भोकरदन	गिरीजा	333, 334, 335	0.36	180	20	0.50	636
१६	गारखेडा	जाफ्राबाद	पुर्णा	120	0.9	300	30	0.80	2544
१७	डावरगाव देवी	जाफ्राबाद	पुर्णा	10,11, 12, 13	0.225	150	15	1.00	795
१८	कुंभारी	बदनापूर	दुधना	1, 8, 9, 144, 140, 129, 130, 138, 131, 132	1.5	750	20	0.60	3180
१९	आपेगाव	अंबड	गोदावरी	3, 4, 5, 7, 9, 115, 114, 113, 112	1.2	300	40	1.00	4240
२०	आलमगाव	अंबड	दुधना	1, 165, 166	0.45	150	30	1.00	1590
२१	साडेसावंगी	अंबड	दुधना	1, 2, 3	2	500	40	1.00	7067

4. MINING METHODOLOGY:

4.1 Method of Mining: Opencast manual method without drilling & Blasting. Only manual labour with hand tools such as spade, Ghamelas, will be used. Excavation of sand from dry riverbed only.

4.2 Machinery / Equipments required : Spades, Ghamela, Tractor with trolley.

4.3 Transportation: By tractor trolley from sand spot to stock yard & to consumers.

4.4 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

5.1 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.

5.2 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.

5.3 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.

Public Hearing for 21 District Level Sand Spots, Jalna District, Maharashtra

- Mining will be avoided during monsoon and floods This will allow the sand deposit to replenish.

5.4 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 exceeds 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
Afforestation area/ annum	300 Sq. m /annum
No. of plants to be planted	150 plants
Spacing of plants	2 m grid interval
Species selected	Native species

Tree species recommended for Plantation

Botanical name	Local name	Importance
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Public Hearing for 21 District Level Sand Spots, Jalna District, Maharashtra

<i>Azadirachta indica</i>	Neem	Neem oil & neem products
<i>Tectona grandis</i>	Teek	Antibacterial, Antifungal, Antiulcer
<i>Ficus religiosaa</i>	Peepal	Medicinal Use, Fruits & figs
<i>Bambusa vulgaris</i>	Bamboo	Anthelmintic Anti inflammatory, Astringent Properties
<i>Madhuca longifolia</i>	Mahua	Acts as a Stimulant & cough relief

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 23 Sand Spots located in Mantha, Bhokardan, Jafrabad, Ambad, Badnapur Talukas in Jalna District, Maharashtra having lease area of less than 5 Ha, 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.