

**EXECUTIVE SUMMARY ON
DRAFT ENVIRONMENTAL MANAGEMENT PLAN**

FOR

SAND GHATS

AT

LATUR DISTRICT

STATE – MAHARASHTRA

FOR PUBLIC HEARING FOR 04 SAND GHATS

PROPONENT

DISTRICT MINING OFFICER, COLLECTOR OFFICE, LATUR

CONSULTANT

ENVIRO TECHNO CONSULT PRIVATE LIMITED

68,MAHAKALI NAGAR-2
NEAR MANEWADA SQUARE
NAGPUR 440 024

SEPTEMBER 2025

Introduction :

District Collector, Latur intends to scoop sand from exposed sand ghats and appointed District Mining Officer Latur as project proponent as per sand mining guidelines dated 08.04.2025. Total 04 sand ghats are identified by Taluka level Technical Committee chaired by Tahsildar and representative of Irrigation, Junior Geologist, Directorate of Geology and Mining, Junior Geologist G.S.D.A., representative of forest, Block Development Officer for scooping of sand by manual method.

List of sand ghats proposed for prior environmental clearance are as below

Table 1.0 Details of Sand Ghat :

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Sr. No.	Taluka	Name of Sand Ghat	Name of Village	Name of River/Stream	Nearest Gut no.	Dimensions of Sand Ghat			Area of sand Ghat in Ha.	Sand Proposed for scooping in Brass	Length of Approach Road in m.	Width of Approach in m	No. of Workers	No. of Tractors	No of Trees along Bank	No of Trees along village Road	Water Requirement in cum/day	EMP cost in Rs.
						Length	Width	Depth										
1	Shiur	Shiur	Nilanga	Manjara	291,292,294,295,296,297,298,299,300,301,302	770	15	0.5	1.15	2040	750	3m-6m	28	8	154	750	1.560	1261000
2	Shiur	Shiur	Nilanga	Manjara	15,16,17,18,19,20,21,22,23,24,25,26,30,31,32	800	15	0.5	1.2	2120	745	3m-6m	28	9	160	750	1.560	1244500
3	Batanpur	Batanpur	Devni	Manjara	39,48,49,50	365	35	0.5	1.278	2257	765	3m-6m	28	9	73	750	1.560	1226000
4	Gaudgaon	Gaudgaon	Devni	Manjara	82,83,84	345	32	0.5	1.104	1950	750	3m-6m	28	8	69	750	1.560	1148500

● **Status of Statutory Clearances for Sand Ghat**

Name & Address of Allottee	District Mining Officer Latur /Successful Bidder
Status of the lease	New, Individual/ Project Proponent as District Mining Officer Latur.
Mineral for which lessee intends to mine	Ordinary Sand for Construction purpose
Name & Address of the Prospecting Agency	Taluka level Technical Committee chaired by Tahsildar and representative of Irrigation, Junior Geologist, Directorate of Geology and Mining, Junior Geologist G.S.D.A., representative of Forest,B.D.O.
Plan Period for Activity	Up to one year from the date of allotment of sand ghat or up to scooping of Allotted/Permitted quantity mined out, whichever is earlier excluding stipulated monsoon period between 10 June -30 September

● **Method of Mining :**

The mining will be manual opencast mining method of scooping using simple tool like spade/pawdas.

- a. Over burden/Soil Removal:
No overburden/Soil is anticipated.
- b. Scooping of Sand /Loading
The ordinary sand will be loaded manually by labours.
- c. Hauling
Ordinary sand is transported through tractors /trucks with permissible quantity.
- d. No machinery will be utilized.
- e. Period of scooping of sand will be for one year excluding monsoon period of 10th June -30th Sept or as defined by district collector.

- About 28 labours per sand ghat will be required.
- The site services will be provided by Scooping Contractor, Office, First Aid and Rest Shelters will be temporarily constructed 20m away from the bank of river.
- Applied area for sand extraction is covered by dark basalt and which has been derived/ transported from black basalt of surrounding flat and well tilled area. The sand of the applied area is found to be underlain by dark basalt of the river bed.
- Anticipated Environmental impacts and Management Plan

A summary of air pollution control measures is given below:

S. No	Impact Source	Impact	Control measure
1	Transport Road	On Air Quality On Land / Rd stability/ Rd degradation	<ul style="list-style-type: none">• Compaction, gradation and drainage on both sides & development of green belts• Proper maintenance.• Regular water spraying.• Avoiding over filling of tractor and consequent spillage on the roads• Air quality will be monitoring at impacted village.
2	Truck/ Tractor Movement	Air Quality	<ul style="list-style-type: none">• No overloading of trucks.• Sand carrying trucks will be effectively covered by tarpaulin to avoid escape of fines to the atmosphere.• Enforcing speed limit.• Regular monitoring of the exhaust fumes.• No Engine of tractor/truck will be kept on during the filling.• If possible entry be restricted to river bed
3	Ramp and Sand Reach	Mining Operations	<ul style="list-style-type: none">• Regular ramp Inspection and Ramp maintenance• Provision of dusk masks.• Mining will be done during day time between fixed

			hours only.
4	Bank Management	Bank Erosion/ Flood Plain management	<ul style="list-style-type: none"> • Green belt along bank • Plantation of wide leaf tall trees on banks and grass along slanting portion of bank.

● **Occupational Health and Services**

1	Occupational Health & Safety Measures to Control Dust Inhalation	Safety of Workers and Mining Operations	<ul style="list-style-type: none"> • Providing a working environment that is conducive to safety & health • The management of occupational safety & health is the prime responsibility of mine owner. • Provision of necessary personal protective equipments • Ensuring employees at all levels receive appropriate training and are competent to carry out their duties and responsibilities • Provision of First Aid and Drinking Water, Temporary rest Room
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● **Noise control measures will be provided in the proposed crushing and screening plant.**

- In addition, personnel working near high noise level generating sources will be provided with ear muffs
- No equipment generating Noise excluding tractor/truck will be permitted.
- No tractor engine will be kept idle.
- Conduct periodic audiometric tests for employees working close to high noise generating areas such as compressors, the loading and unloading sections, etc
- Provision of PPE's will be made and their proper usage will be ensured for hearing protection of the workers as well as visitors.

● **Traffic Management**

- The mineral transporting vehicles will be registered with the forest department/revenue department and only registered vehicles will be used for mineral transport.
- The PUC certificate for exhaust emissions for all the transport vehicles will be made mandatory.
- All the vehicles will be properly maintained to control emissions and noise generation.
- Drivers of all the vehicles will strictly follow traffic rules.
- Speeds of the mineral transport vehicles will be regulated.
- Overloading of the tractors will not be allowed
- The mineral transporting tractors will be properly covered with tarpaulin to avoid fugitive emissions.
- Batch transport system will be adopted in consultation with the other sand ghat operators in the area to avoid excess traffic at a time on the road.
- Mineral transportation will be done only during day time only.
- Strict action will be taken against any driver, who do not comply the traffic rules.

● **Plantation program**

It is proposed to plant local species during the monsoon period along bank of river and village roads.

List of Species Proposed for green Belt Development

Local species like Neem, peepal, subabul, Karanj, Gulmohar etc will be planted.

- District Mining Officer through Scooping Contractor will implement the Environmental Management Plan for the amount as per Table 1.0 on his own.

Contractor will implement the environmental Management Plan along with other compliance to terms of conditions stipulated in the prior environmental clearance to the District Mining

Officer and respective Tahsildar with the expenses made on implementation of environmental management plan.

District Mining Officer/respective Tahsildar will monitor the implementation of approved environmental management plan along with District Level Committee headed by District Collector as stipulated in Sand Mining Rules 2025.