



## STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,  
Room No. 217, 2nd floor,  
Mantralaya, Annexe,  
Mumbai- 400 032.  
Date: May 14, 2019

To,  
**M/s. Shree Malhar Minerals, Ghungur, Tal- Shahuwadi, Dist- Kolhapur**  
at Gat no. 685 (p)

**Subject:** Environment Clearance for Laterite Minor Mineral Mining Project (4 .40 Hact) of M/s. Shree Malhar Minerals at Gat no. 685 (P) Village Ghungur, Tal- Shahuwadi, Dist- Kolhapur @100000 TPA of Laterite

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-I, Maharashtra in its 160th meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 162nd meetings.


2. It is noted that the proposal is considered by SEAC-I under screening category Schedule 1 (a), Category B1 as per EIA Notification 2006.

### Brief Information of the project submitted by you is as below :-

1.Name of Project	Laterite Minor Mineral Mining Project (4 .40 Hact) of M/s. Shree Malhar Minerals at Gat no. 685 (P) Village Ghungur, Tal- Shahuwadi, Dist- Kolhapur @100000 TPA of Laterite
2.Type of institution	Private
3.Name of Project Proponent	M/s. Shree Malhar Minerals, Ghungur, Tal- Shahuwadi, Dist- Kolhapur
4.Name of Consultant	M/s. Sneha Hi-tech Products, Bangalore
5.Type of project	NA
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	Gat no. 685 (p)
9.Taluka	Shahuwadi
10.Village	Ghungur
Correspondence Name:	Mr. Yuvraj Ananda Patil
Room Number:	--
Floor:	--
Building Name:	--
Road/Street Name:	--
Locality:	A/P - Ghungur, Taluka - Shahuwadi
City:	Dist- Kolhapur
11.Whether in Corporation / Municipal / other area	Other area - Forest Land

**SEIAA Meeting No: 162 Meeting Date: March 28, 2019 ( SEIAA-STATEMENT-0000001859 )**  
**SEIAA-MINUTES-0000001777**  
**SEIAA-EC-0000001517**

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**Shri. Anil Diggikar (Member Secretary SEIAA)**

12.IOD/IOA/Concession/Plan Approval Number	Not applicable .. it is minor mineral proposal hence Mining Plan approved by Joint Director, Directorate of Geology & Mining, Govt of Maharashtra, Nagpur
	IOD/IOA/Concession/Plan Approval Number: Mining Plan approval no. STC/852/2015-16/72 Dtd. 08/01/2016
	Approved Built-up Area: 00
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	NA
16.Deductions	NA
17.Net Plot area	NA
18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): NA
	Non FSI area (sq. m.): NA
	Total BUA area (sq. m.): 00
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): NA
	Approved Non FSI area (sq. m.): NA
	Date of Approval: 08-01-2016
19.Total ground coverage (m2)	NA
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	NA
21.Estimated cost of the project	50000000

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22.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Laterite Minor Mineral	00	8334	8334
23.Total Water Requirement				
Dry season:	Source of water	Ghungur Village Grampanchayat		
	Fresh water (CMD):	10.47		
	Recycled water - Flushing (CMD):	NA		
	Recycled water - Gardening (CMD):	1.88		
	Swimming pool make up (Cum):	NA		
	Total Water Requirement (CMD) :	NA		
	Fire fighting - Underground water tank(CMD):	NA		
	Fire fighting - Overhead water tank(CMD):	NA		
	Excess treated water	NA		
Wet season:	Source of water	NA		
	Fresh water (CMD):	NA		
	Recycled water - Flushing (CMD):	NA		
	Recycled water - Gardening (CMD):	NA		
	Swimming pool make up (Cum):	NA		
	Total Water Requirement (CMD) :	NA		
	Fire fighting - Underground water tank(CMD):	NA		
	Fire fighting - Overhead water tank(CMD):	NA		
	Excess treated water	NA		
Details of Swimming pool (If any)	Not applicable			

## 24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	2.35	2.35	0	0.47	0.47	0	1.88	1.88
Industrial Process	0	7	7	0	7	7	0	0	0
Gardening	0	3	3	0	3	3	0	0	0
Fresh water requirement	0	10.47	10.47	0	10.47	10.47	0	0	0

### 25.Rain Water Harvesting (RWH)

Level of the Ground water table:	Average water level of the project area in monsoon period is 24.38 m and 30m in summer season.
Size and no of RWH tank(s) and Quantity:	Garland drains will be made along the periphery of the top bench.
Location of the RWH tank(s):	NA
Quantity of recharge pits:	NA
Size of recharge pits :	NA
Budgetary allocation (Capital cost) :	NA; it is part of the mining activity
Budgetary allocation (O & M cost) :	NA; it is part of the mining activity
Details of UGT tanks if any :	NA

### 26.Storm water drainage

Natural water drainage pattern:	There is no natural drain. However, the storm water due to rainfall will be channelized to the natural water courses like gullies and depression through appropriate drainage system with check bunds.
Quantity of storm water:	NA
Size of SWD:	NA

<b>27.Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	1.88
	<b>STP technology:</b>	Common STP for this project and adjoining Laterite mining projects; It consists of Activated Sludge process followed by tertiary treatment (MBBR Technology).
	<b>Capacity of STP (CMD):</b>	01 no. x 5 KLD capacity
	<b>Location &amp; area of the STP:</b>	M/s. Shri Kedarnath Earthmovers and Co. at Gat no. 248 Village Savarde Bk
	<b>Budgetary allocation (Capital cost):</b>	300000
	<b>Budgetary allocation (O &amp; M cost):</b>	150000



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## 28.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	NA
	<b>Disposal of the construction waste debris:</b>	NA
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	The overburden and waste material will be used for green belt development and back-filled in the pit itself.
	<b>Wet waste:</b>	NA
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	160 to 180 Kg per year
	<b>Others if any:</b>	NA
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	The overburden and waste material will be used for green belt development and back-filled in the pit itself.
	<b>Wet waste:</b>	NA
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	Dry Sludge shall be used as Manure for Green Belt Development
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	NA
	<b>Area for the storage of waste &amp; other material:</b>	NA
	<b>Area for machinery:</b>	NA
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	NA
	<b>O &amp; M cost:</b>	NA

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29.Effluent Charecterestics					
Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	NA	NA	NA	NA	NA
Amount of effluent generation (CMD):		NA			
Capacity of the ETP:		NA			
Amount of treated effluent recycled :		NA			
Amount of water send to the CETP:		NA			
Membership of CETP (if require):		NA			
Note on ETP technology to be used		NA			
Disposal of the ETP sludge		NA			



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30.Hazardous Waste Details							
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	NA	NA	NA	NA	NA	NA	NA
31.Stacks emission Details							
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	NA	NA	NA	NA	NA	NA	
32.Details of Fuel to be used							
Serial Number	Type of Fuel	Existing	Proposed	Total			
1	Diesel	0	125 to 150 L/day	125 to 150 L/day			
33.Source of Fuel		Nearby Fuel Stations					
34.Mode of Transportation of fuel to site		By road					
35.Energy							
Power requirement:	Source of power supply :	MSDCL					
	During Construction Phase: (Demand Load)	NA					
	DG set as Power back-up during construction phase	NA					
	During Operation phase (Connected load):	NA					
	During Operation phase (Demand load):	NA					
	Transformer:	NA					
	DG set as Power back-up during operation phase:	NA					
	Fuel used:	NA					
	Details of high tension line passing through the plot if any:	NA					
Energy saving by non-conventional method:							
NA							
36.Detail calculations & % of saving:							
Serial Number	Energy Conservation Measures			Saving %			
1	NA			NA			
37.Details of pollution control Systems							



Source	Existing pollution control system	Proposed to be installed
Waste Water	Nil	Sewage Treatment Plant (STP)
Dust during material handling	Nil	Water sprinkling on Haul roads and Green Belt Development
Noise	Nil	Appropriate PPE's will be provides to workers, Green belt development
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	NA
	O & M cost:	NA

### 38.Environmental Management plan Budgetary Allocation


#### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	NA	NA	NA

#### b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Pollution Control	Dust Suppression, Black topping of approach roads, Sprinkling of water on quarry and haul roads	3.50	1.00
2	Water Pollution Control	Sewage Treatment Plant, Desilting Tanks, garland drain, Boulder Check plug, Mine water sedimentation pond & pumps	6.25	1.75
3	Noise Pollution Control	Preventive Maintenance of all heavy machineries, Appropriate PPE's will be provides to workers	1.00	0.35
4	Green Belt Development	Afforestation will be done as per CPCB guidelines	1.75	0.30
5	Occupational health and safety	Fire Fighting Equipments (portable), Personnel protection equipments (goggles , gloves, helmets, dust mask, safety shoes), Periodic health check ups of workers	1.00	0.75
6	Environmental Monitoring Programme	Monitoring for ambient air, noise, surface water, ground water	Nil	1.25

### 39.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

<b>SEIAA Meeting No: 162 Meeting Date: March 28, 2019 ( SEIAA-STATEMENT-0000001859 )</b> <b>SEIAA-MINUTES-0000001777</b> <b>SEIAA-EC-0000001517</b>	<b>Page 9 of 13</b>	 <b>Shri. Anil Diggikar (Member Secretary SEIAA)</b>
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Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA
<b>40.Any Other Information</b>							
No Information Available							



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	<b>CRZ/ RRZ clearance obtain, if any:</b>	NA
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	There are no protected areas / critically polluted areas within 10 km from project site
	<b>Category as per schedule of EIA Notification sheet</b>	Schedule 1 (a), Category B1
	<b>Court cases pending if any</b>	NA
	<b>Other Relevant Informations</b>	NA
	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	04-01-2016

**3. The proposal has been considered by SEIAA in its 162nd meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:**

**Specific Conditions:**

<b>I</b>	PP to obtain all necessary permissions/NOC's including forest clearance as required under various statues before starting any activity on the site.
<b>II</b>	PP to submit undertaking stating that there shall not be hill cutting during mining activities.
<b>III</b>	PP to submit undertaking that, they will carry out maintenace and repair of village roads so as to ensure smooth traffic and no hardship to teh villagers.
<b>IV</b>	PP to provide sufficient numbers of toilets and STP for the treatment of domestic waste water.
<b>V</b>	PP to esnure access to the villagers through existing approach roads passing through the proposed site.
<b>VI</b>	PP tp provide appropriate personal protective equipments to the workers working in the mine activity such as hand gloves, helmets, safety shoes, safety goggles, ear plugs.muffs etc.
<b>VII</b>	PP to provide appropriate chain link fencing to the site without causing any harm to the wild animals.
<b>VIII</b>	PP to use water sprinkling wherever required to reduce dust pollution.
<b>IX</b>	PP to provide adequate noise barrier to the mine area so as to avoid nuisance to nearby villagers and animals.
<b>X</b>	PP to follow approved mine closure plan in the spirit of letters.
<b>XI</b>	PP to mark Air Quality Monitoring Station on map and submit monitoring mechanism, mitigation measures etc.
<b>XII</b>	PP to increase Air Quality Monitoring locations towards/along the roadside considering the transportation of excavated minerals.

**General Conditions:**

I	<p>1. The validity period of the EC will be for 7 years as per MoEF&amp;CC Notification dated 29th April, 2015 but limited to period of lease. 2. No hill cutting should be allowed during the quarrying. No aquifers should be disturbed either by blasting or by quarrying. 3. Blasting crushing &amp; transportation of crushed material should be carried out under covered conditions to avoid any kind of dust pollution. 4. PP shall employ dust suppression measures by use of water sprinklers, foggers etc. 5. The PP shall undertake 2 rows of tree plantation along the lease boundary. Dust absorbing trees shall be planted. 6. Quarrying allowed only in the recharge zone of hills, not in run off or storage zone. For this purpose, GSDA should be involved to carry out intensive geophysical survey to identify such recharge zone where quarrying can be allowed. 7. The mining plan shall be approved first before initiating any mining operations. 8. Discharge of sewage from quarry sites should be strictly controlled. 9. The quarries to maintain benches of 60 slope in the cut, 6 m depth in cut and 6 m for the bench. 10. No dumping of material shall be allowed in the water resources of Nallas. 11. No quarrying should be allowed in the run-off zone of hilly areas. 12. After mining extraction is completed, the existing pits on site must be filled up and the closure must be supervised and certified by the District Mining Officer. 13. No quarry shall be allowed within safe distance from any habitation or human activity. 14. District Collector will take bank guarantee of Rs. 2,00,000/- OR upto 2% of the annual royalty, whichever is higher, for the given lease from the lease holder to ensure the compliance of the conditions stipulated. In case of violation of stipulated conditions by project proponent bank guarantee so obtained shall be forfeited and legal action under the law should be initiated against such project proponent. 15. It shall be ensured that there is no fauna dependent on the areas close to mining for its nesting. 16. To prevent dust / particulate matter pollution, the lease holder shall take up tree plantation in an area 10 m from the boundary of the leased area and also on either side of the road leading to the quarry from the already surfaced road. 17. District Collector to ensure that the provisions stipulated in Maharashtra Minor Minerals Extraction (development and Regulation) Rules shall be strictly adhered to. 18. The configuration of benches should be: 60 degrees slope in the cut, 6 m depth for cut and 6 m width for the bench. PP shall ensure that no quarrying is carried out in forest or zudpi jungle. No water sources shall be affected due to quarrying activity. All labor engaged in quarrying will be provided with protective gears like mask, helmets, boots etc. 19. District Collector to ensure that distance between one lease area and another lease area or clusters of lease area is more than 500 m. 20. Project Proponent to ensure that vehicles transporting stone should not be overloaded beyond stated capacity. also to ensure that there is no violation of the Hon'ble NGT, Hon'ble Supreme Court order given in related matters. 21. PP to prepare Mine closure plan and get it approved by the competent authority, PP will be held responsible personally for non-compliance of the conditions stipulated in the Environmental clearance and shall be liable for legal action under Environment (Protection) Act of 1986. 22. Transport of stone should be by vehicles which are properly covered with Tarpaulin and it should not be overloaded. 23. The lease holder shall undertake adequate safeguard measures during extraction of material and ensure that due to this activity, the hydro-geological regime of the surrounding area is not affected. The depth of quarrying should be above the levels of aquifers to avoid the contamination/ degradation of water quality of aquifers. Regular monitoring of ground water level and quality shall be carried out around the mine lease area during the mining operation. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity; necessary corrective measures shall be carried out. District Collector/mining officer shall ensure this. 24. Effective safeguards, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Water sprinkling shall also be carried out on haul roads. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard. The status of implementation of measures taken shall be reported to Environment Department. 25. This environmental clearance is issued subject to obtaining NOC from Forestry &amp; Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable &amp; this environment clearance does not necessarily implies that Forestry &amp; Wild life clearance granted to the project which will be considered separately on merit</p>
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4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.

8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D- Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

  
Shri. Anil Diggikar (Member Secretary SEIAA)

**Copy to:**

1. SECRETARY MOEF & CC
2. IA- DIVISION MOEF & CC
3. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
4. REGIONAL OFFICE MOEF & CC NAGPUR
5. MUNICIPAL COMMISSIONER KOLHAPUR
6. REGIONAL OFFICE MPCB KOLHAPUR
7. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
8. COLLECTOR OFFICE KOLHAPUR
9. COLLECTOR OFFICE SANGLI

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