



## STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,  
Room No. 217, 2nd floor,  
Mantralaya, Annexe,  
Mumbai- 400 032.  
Date: January 27, 2020

To,  
**Anish Ashok Kalbhor**  
at 778

**Subject:** Environment Clearance for Stone Quarry (Minor Mineral), Survey No. 778, Village - Khor, Taluka - Daund, District - Pune,

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 173rd -Day 4rd 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 185th meetings.


2. It is noted that the proposal is considered by SEAC-I under screening category Category B2, Schedule 1(a) as per EIA Notification 2006.

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

1.Name of Project	Stone Quarry at Survey No. 778, Village - Khor, Taluka - Daund, District - Pune
2.Type of institution	Private
3.Name of Project Proponent	Anish Ashok Kalbhor
4.Name of Consultant	Srushti Seva Private Limited, Nagpur
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	778
9.Taluka	Daund
10.Village	Khor
Correspondence Name:	Anish Ashok Kalbhor
Room Number:	-
Floor:	-
Building Name:	Prayatna Bagla
Road/Street Name:	Kavdi Rasta
Locality:	At Post Manjri Farm, Taluka Haveli, Dist Pune
City:	-
11.Whether in Corporation / Municipal / other area	Other area
12.IOD/IOA/Concession/Plan Approval Number	Not applicable IOD/IOA/Concession/Plan Approval Number: Not applicable Approved Built-up Area:

**SEIAA Meeting No: 185 Meeting Date: January 10, 2020 ( SEIAA-STATEMENT-000003834 )**  
**SEIAA-MINUTES-000002935**  
**SEIAA-EC-000002092**

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

13.Note on the initiated work (If applicable)	Not applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	4.95 Ha
16.Deductions	No ne
17.Net Plot area	4.95 Ha
18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): Not applicable
	Non FSI area (sq. m.): Not applicable
	Total BUA area (sq. m.):
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Not applicable
	Approved Non FSI area (sq. m.): Not applicable
	Date of Approval: 29-07-2019
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	8100000



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## 22. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Stone (Minor Mineral)	Nil	5000	5000

## 23. Total Water Requirement

<b>Dry season:</b>	Source of water	Purchased water & Pit Water
	Fresh water (CMD):	6 m3/day
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	6 m3/day
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
<b>Wet season:</b>	Source of water	Purchased water & Pit Water
	Fresh water (CMD):	6 m3/day
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	6 m3/day
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
<b>Details of Swimming pool (If any)</b>	Not applicable	

## 24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Nil	1.0	1.0	Nil	0.2	0.2	Nil	0.8	0.8
Gardening	Nil	5.0	5.0	Nil	5.0	5.0	Nil	Nil	Nil
Fresh water requirement	Nil	6.0	6.0	Nil	6.0	6.0	Nil	Nil	Nil

<b>25.Rain Water Harvesting (RWH)</b>	Level of the Ground water table:	10 m
	Size and no of RWH tank(s) and Quantity:	-
	Location of the RWH tank(s):	-
	Quantity of recharge pits:	-
	Size of recharge pits :	-
	Budgetary allocation (Capital cost) :	-
	Budgetary allocation (O & M cost) :	-
	Details of UGT tanks if any :	-

<b>26.Storm water drainage</b>	Natural water drainage pattern:	Not Applicable. However, the rain water will be channelized to the natural water courses like gullies and depression through appropriate drainage system.
	Quantity of storm water:	-
	Size of SWD:	-

<b>27.Sewage and Waste water</b>	Sewage generation in KLD:	0.8
	STP technology:	Mobile STP
	Capacity of STP (CMD):	1 NO. 2 m3/day
	Location & area of the STP:	Within Mining Lease area
	Budgetary allocation (Capital cost):	Rs. 2 lakhs
	Budgetary allocation (O & M cost):	Rs. 30000/-

## 28.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	Not Applicable
	<b>Disposal of the construction waste debris:</b>	Not Applicable
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	11900 m3 during first five years
	<b>Wet waste:</b>	Not Applicable
	<b>Hazardous waste:</b>	Not Applicable
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	Not Applicable
	<b>Others if any:</b>	Not Applicable
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Soil generated during mining will be used for plantation.
	<b>Wet waste:</b>	Not Applicable
	<b>Hazardous waste:</b>	Not Applicable
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	Not Applicable
	<b>Others if any:</b>	Not Applicable
<b>Area requirement:</b>	<b>Location(s):</b>	Within mining lease area
	<b>Area for the storage of waste &amp; other material:</b>	5000 m2 (Temp)
	<b>Area for machinery:</b>	-
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	-
	<b>O &amp; M cost:</b>	-

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## 29. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	-	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Amount of effluent generation (CMD):		Not Applicable			
Capacity of the ETP:		Not Applicable			
Amount of treated effluent recycled :		Not Applicable			
Amount of water send to the CETP:		Not Applicable			
Membership of CETP (if require):		Not Applicable			
Note on ETP technology to be used		Not Applicable			
Disposal of the ETP sludge		Not Applicable			



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### 30. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	-	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

### 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	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

### 32. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	-	Not Applicable	Not Applicable	Not Applicable

33. Source of Fuel: Not Applicable

34. Mode of Transportation of fuel to site: Not Applicable

### 35. Energy

<b>Power requirement:</b>	Source of power supply :	Maharashtra State Power Distribution Company Limited
	During Construction Phase: (Demand Load)	Not Applicable
	DG set as Power back-up during construction phase	Not Applicable
	During Operation phase (Connected load):	500 KV
	During Operation phase (Demand load):	500 KV
	Transformer:	500 KV
	DG set as Power back-up during operation phase:	No
	Fuel used:	Not Applicable
	Details of high tension line passing through the plot if any:	No high tension line passing through the lease area

### Energy saving by non-conventional method:

Solar Lamp

### 36. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar Lamp	5 Solar Lamps

37.Details of pollution control Systems		
Source	Existing pollution control system	Proposed to be installed
Air Pollution	Not Applicable	Sprinkling on the haul roads. The closed conduit type of crusher with sprinkler arrangement to prevent the escape of fug. A thick green is maintained around the lease area and on both sides of the haul roads.
Water Pollution	Not Applicable	Construction of Garland Drain & Bund
Noise Pollution	Not Applicable	Preventive Maintenance of all heavy machineries,

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	50000
	<b>O &amp; M cost:</b>	5000

### 38.Environmental Management plan Budgetary Allocation

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

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Not Applicable	Not Applicable	Not Applicable

#### 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	Sprinkling on the haul roads. The closed conduit type of crusher with sprinkler arrangement to prevent the escape of fug. A thick green is maintained around the lease area and on both sides of the haul roads.	3	1
2	Water Pollution	Construction of Garland drain, stone hedge wall around the lease area, Mobile STP 2KLD	3	1
3	Noise Pollution	Preventive Maintenance of all heavy machineries,	1	0.5
4	Occupational health and safety	Periodic health check ups of workers and safety equipment	-	0.5

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

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
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Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
<b>40.Any Other Information</b>							
No Information Available							



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	<b>CRZ/ RRZ clearance obtain, if any:</b>	Not Applicable
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	Not Applicable
	<b>Category as per schedule of EIA Notification sheet</b>	Category B2, Schedule 1(a)
	<b>Court cases pending if any</b>	No
	<b>Other Relevant Informations</b>	-
	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-

**3. The proposal has been considered by SEIAA in its 185th 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>	DMO to demarcate the lease area and 7.5 meter wide safety zone on the periphery of the proposed area before taking any effective steps on site.
<b>II</b>	PP to plant indigenous trees along the approach road side.
<b>III</b>	PP to provide fencing along the mined pit as a safety measure.
<b>IV</b>	PP to implement CER plan approved by the District Authority as per OM issued by MoEF&CC dated 01.05.2018.
<b>V</b>	PP to ensure additional air quality monitoring station around the periphery of village.
<b>VI</b>	No hill cutting should be allowed during the quarrying.
<b>VII</b>	Blasting, crushing and transportation of crushed material should be carried out under covered conditions to avoid any kind of dust pollution.
<b>VIII</b>	PP shall employ dust suppression measures by use of water sprinklers, foggers etc.
<b>IX</b>	The PP shall undertake 2 rows of tree plantation along the lease boundary. Dust absorbing trees shall be planted.

**General Conditions:**

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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 mt depth for cut and 6 mt 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 PUNE
6. MUNICIPAL COMMISSIONER SATARA
7. REGIONAL OFFICE MPCB PUNE
8. REGIONAL OFFICE MIDC PUNE
9. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
10. COLLECTOR OFFICE PUNE
11. COLLECTOR OFFICE SATARA
12. COLLECTOR OFFICE SOLAPUR

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