



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

सत्यमेव जयते

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date: January 9, 2020

To,
Mrs. Pranita Pramod Mahalle
at Gut No.61/2

Subject: Environment Clearance for Stone Quarry of Mrs. Pranita Pramod Mahalle Mauza-Kavtha, Tq Deoli, Gut No.61/2, Dist. Wardha, Area - 1.21 Ha, GPS -20°44' 27.35

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 166th 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 171st meetings.

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

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

1.Name of Project	Stone Quarry of Mrs. Pranita Pramod Mahalle, Mauza-Kavtha, Tq Deoli, Gut No.61/2, Dist. Wardha
2.Type of institution	Private
3.Name of Project Proponent	Mrs. Pranita Pramod Mahalle
4.Name of Consultant	ENVIRO TECHNO CONSULT PVT LTD., NAGPUR
5.Type of project	Not applicable
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	No
8.Location of the project	Gut No.61/2
9.Taluka	Deoli
10.Village	Kavtha
Correspondence Name:	Mrs. Pranita Pramod Mahalle
Room Number:	Gut No.61/2
Floor:	Gut No.61/2
Building Name:	Gut No.61/2
Road/Street Name:	Gut No.61/2
Locality:	Kavtha
City:	Kavtha
11.Whether in Corporation / Municipal / other area	Grampanchayat
12.IOD/IOA/Concession/Plan Approval Number	MINING PLAN IOD/IOA/Concession/Plan Approval Number: BON/MINING/MMP/215/2019/441 dated 03.04.2019 Approved Built-up Area: 12100

SEIAA Meeting No: 171 Meeting Date: July 17, 2019 (SEIAA-STATEMENT-0000003448)
SEIAA-MINUTES-0000002585
SEIAA-EC-0000002283

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13.Note on the initiated work (If applicable)	Not applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	LOI ISSUED BY DISTRICT COLLECTOR WARDHA
15.Total Plot Area (sq. m.)	Not applicable
16.Deductions	Not applicable
17.Net Plot area	Not applicable
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.): 12100
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: 03-04-2019
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	3000000

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22. Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Stone, Murrum (Minor Mineral)	0	72240 TPA / 9020 Brass per Year	72240 TPA / 9020 Brass per Year
23. Total Water Requirement				
Dry season:	Source of water	Water Tanker		
	Fresh water (CMD):	2		
	Recycled water - Flushing (CMD):	Not applicable		
	Recycled water - Gardening (CMD):	Not applicable		
	Swimming pool make up (Cum):	Not applicable		
	Total Water Requirement (CMD) :	2		
	Fire fighting - Underground water tank (CMD):	Not applicable		
	Fire fighting - Overhead water tank (CMD):	Not applicable		
	Excess treated water	Not applicable		
Wet season:	Source of water	Not applicable		
	Fresh water (CMD):	Not applicable		
	Recycled water - Flushing (CMD):	Not applicable		
	Recycled water - Gardening (CMD):	Not applicable		
	Swimming pool make up (Cum):	Not applicable		
	Total Water Requirement (CMD) :	Not applicable		
	Fire fighting - Underground water tank (CMD):	Not applicable		
	Fire fighting - Overhead water tank (CMD):	Not applicable		
	Excess treated water	Not applicable		
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	0.540	0	0	0.540	0.540	0	0	0
Gardening	0	1.460	0	0	1.460	1.460	0	0	0
25.Rain Water Harvesting (RWH)	Level of the Ground water table:		19 m						
	Size and no of RWH tank(s) and Quantity:		Not Applicable						
	Location of the RWH tank(s):		Not Applicable						
	Quantity of recharge pits:		1						
	Size of recharge pits :		Mine pit will act as recharge pit						
	Budgetary allocation (Capital cost) :		Not Applicable						
	Budgetary allocation (O & M cost) :		Not Applicable						
	Details of UGT tanks if any :		Not Applicable						
26.Storm water drainage	Natural water drainage pattern:		Storm water drain of 1m width x 1m depth x along peripheral length is proposed along peripheral area within safety barrier as per natural drain slopes						
	Quantity of storm water:		14520						
	Size of SWD:		1m x1m along the peripheral length						
27.Sewage and Waste water	Sewage generation in KLD:		0.40						
	STP technology:		Biotoilet proposed adjacent to ML area						
	Capacity of STP (CMD):		0.40						
	Location & area of the STP:		Biotoilet proposed adjacent to ML area						
	Budgetary allocation (Capital cost):		195000						
	Budgetary allocation (O & M cost):		50000						

28.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Not Applicable
	Disposal of the construction waste debris:	Not Applicable
Waste generation in the operation Phase:	Dry waste:	Being Minor Mineral all the mined out material is saleable/usable. Top Soil layer is very thin and negligible and will be utilized for peripheral plantation proposed within safety barrier
	Wet waste:	Not Applicable
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Not Applicable
	Others if any:	Not Applicable
Mode of Disposal of waste:	Dry waste:	Being Minor Mineral all the mined out material is saleable/usable. Top Soil layer is very thin and negligible and will be utilized for peripheral plantation proposed within safety barrier
	Wet waste:	Not Applicable
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Not applicable
	Others if any:	Not applicable
Area requirement:	Location(s):	Not Applicable, being all material is saleable/usable and stock will be temporary in nature within lease hold area.
	Area for the storage of waste & other material:	Not Applicable, being all material is saleable/usable and stock will be temporary in nature within lease hold area.
	Area for machinery:	Not Applicable, being all material is saleable/usable and stock will be temporary in nature within lease hold area.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Not applicable
	O & M cost:	Not applicable

29.Effluent Charecterestics					
Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Not applicable	0	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):		No			
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	0	0	0	0	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	0	0	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	Not applicable

33.Source of Fuel	Not applicable
34.Mode of Transportation of fuel to site	Not applicable

35.Energy		
Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	5 HP
	DG set as Power back-up during construction phase	Not applicable
	During Operation phase (Connected load):	Not applicable
	During Operation phase (Demand load):	5 HP
	Transformer:	Not applicable
	DG set as Power back-up during operation phase:	Not applicable
	Fuel used:	Not applicable
	Details of high tension line passing through the plot if any:	Not applicable

Energy saving by non-conventional method:	
Power is required for lighting purpose only. All lights will be LED lights only of suitable wattage	

36.Detail calculations & % of saving:		
Serial Number	Energy Conservation Measures	Saving %
1	LED LIGHTS WILL BE USED FOR LIGHTING	25

37.Details of pollution control Systems				
Source	Existing pollution control system		Proposed to be installed	
DUST HAUL ROAD	Not applicable		WATER TANKER	
DUST HAUL ROAD, DURING MINING OPERATIONS	Not applicable		SPRINKLERS	
VEHICLES	Not applicable		WITH VALID PUC	
DUST DURING MINING,TRANSPORT,LOADING	Not applicable		GREEN BELT DEVELOPMENT	
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	25000		
	O & M cost:	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	Particulate Matter	MAINTENANCE OF ROAD	3.70	0.50
2	Particulate Matter	GREEN BELT DEVELOPMENT	0.3350	0.25
3	Particulate Matter	TRAFFIC MANAGEMENT	0	1.20
4	Particulate Matter	DUST SUPPERESSION	0	2.40
5	Particulate Matter	HOUSEKEEPING ACTIVITIES,	0.20	0.85
6	Particulate Matter	MOINTORING OF ENV PARAMETER	0	1.0
7	SAFETY	FENCING	2.0	0.15
8	OHS	SAFETY EQUIPMENT	0.25	1.6120
9	OHS	SIX MONTHLY HEALTH CHECKUP	0	0.30
10	OHS	FACILITY OF TOILETS, FIRST AID	1.95	0.50
11	FMCP PREPAREDNESS	FMCP FUND ALLOCATION	0.	1.0
12	SAFTY	SIGNAGES	0	0.15
13	Particulate Matter	TRANSPORT CONTROL	0.20	3.115
39.Storage of chemicals (inflamable/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
Not applicable	Not applicable	Not applicable	0	0	0	Not applicable	Not applicable
40.Any Other Information							
No Information Available							



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	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	35.5 km
	Category as per schedule of EIA Notification sheet	1a B2
	Court cases pending if any	No
	Other Relevant Informations	20°44' 27.35"N 78°22' 30.78"E
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

3. The proposal has been considered by SEIAA in its 171st 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:

I	PP to implement mine closure plan as approved by the competent Authority. PP to provide dry wall of around one meter along with barbed wire fencing to the mining lease area to ensure safety of animals and humans.
II	PP to keep 7.5 meter free safety zone all around the proposed mine area and develop it in to the green belt during coming monsoon season.
III	PP to obtain all necessary NOC's/Permissions from the competent Authority before commencing any work on proposed site.
IV	PP to ensure that, the quarrying is proposed above the level of aquifer to avoid the ground water contamination/degradation of water quality of aquifer. PP to take adequate measures/precautions to avoid contamination /degradation of ground water.
V	PP to ensure no stream is diverted due to proposed quarrying activity.
VI	PP to ensure that mining/ loading activity shall be restricted to day hours' time only. No mining activity shall be carried out after sunset and before sun rise.
VII	PP to provide adequate measures to ensure the stability of the benches formed during mining activity to ensure safety of the people.
VIII	PP to provide adequate channels to guide the rain water to reach the mined pit and to avoid any unforeseen incident.
IX	PP to adhere to the provisions stipulated Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013, guidelines issued by MoEF&CC and any other legal requirements as applicable to the proposed activity.
X	PP to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector should strictly monitor the compliance of the conditions stipulated in the Environment Clearance letter.
XI	PP to ensure that there is no damage to any fauna and its nesting close to the proposed mining area.
XII	PP to ensure that adequate measures like maintenance of roads, sprinkling of water and plantation is carried out to reduce the dust particulate matter pollution.
XIII	No mining shall be carried out in the vicinity of natural/manmade archeological sites.
XIV	PP to ensure that parking shall not be made on Public roads. Parking shall be on pre decided place only.
XV	The stone transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
XVI	PP to prepare and implement CER plan in consultation with the District Authority as per OM issued by MoEF&CC on 01.05.2018.

XVII	PP to appoint qualified fore man as a Mine Manager approved by Director General of Mines to ensure safety of the staff/labors appointed at mine site.
XVIII	PP to prepare adequate capacity approach roads to the proposed mine area so as to ensure safe plying of the heavy vehicles engaged on mine site for transport of mined material and to avoid any unforeseen accident.
XIX	District Mining Officer shall submit a certificate of nearest habitation from the proposed mine area.
XX	PP to carry out multiple air monitoring on the nearest habitat and agricultural sites to ascertain the impact of air pollution due to proposed mining activity and to provide adequate mitigation measures.
XXI	PP proposes Jackhammer drilling in proposed quarry. The jackhammer drills produces more noise and do not have inbuilt water injection system. PP to ensure protective measures are provided to reduce noise exposure and dust emission due to drilling and blasting activity.
XXII	PP to provide movable toilets/ bio toilets to the workers working in the area and the sewage generated shall be properly collected and treated so as to confirm to the standards prescribed by MoEF&CC and CPCB.
XXIII	PP to provide First Aid facility at the proposed mining site.
XXIV	No hill cutting should be allowed during the quarrying.
XXV	Blasting, crushing and transportation of crushed material should be carried out under covered conditions to avoid any kind of dust pollution.
XXVI	PP Shall employ dust suppression measures by use of water sprinklers, foggers etc.
XXVII	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&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 & 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 & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & 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 NAGPUR
6. REGIONAL OFFICE MPCB NAGPUR
7. REGIONAL OFFICE MIDC NAGPUR
8. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
9. COLLECTOR OFFICE BHANDARA
10. COLLECTOR OFFICE NAGPUR
11. COLLECTOR OFFICE WARDHA
12. COLLECTOR OFFICE GADCHIROLI